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# Export price list of the agricultural machinery in EUR, FCA Września

Prices are valid from 01.01.2024

The information presented in the  
price list does not constitute an  
offer within the meaning of the law.

Appropriate **agricultural  
machinery**, appropriate  
price

# 2024





Multimedia presentation  
<https://rolmako.com/presentation.pdf>

**Tillage machines worth trusting**



Rolmako Henryk Kowalski Sp. z o.o.

ul. Nekielska 11 F, Psary Małe,  
62-300 Września, Poland

[www.rolmako.com](http://www.rolmako.com)

All dimensions and weights of the machines are subject to further technical development and therefore are not binding. All the machine dimensions and weights given in the catalogue are subject to further technical development, and therefore, they are not binding. The minimum power demand of the tractor provided in the tables with technical data may considerably vary depending on soil conditions and optional equipment. The agricultural machinery weights in a specific configuration may be different from those given in the technical parameters. We reserve the right to change the design of machines and their technical parameters. The information included in this publication is not legally binding and it does not constitute a commercial offer.

Before sending your order, please make sure that you have a current price list. The current price lists are always available on the website in the dealer zone. The information contained in this publication is not legally binding and does not constitute a commercial offer.

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We are at your disposal  
on weekdays from 8.00 to 16.00.

**Sales department:**  
phone (+48 61) 438 87 35  
e-mail: [rolmako@rolmako.pl](mailto:rolmako@rolmako.pl)

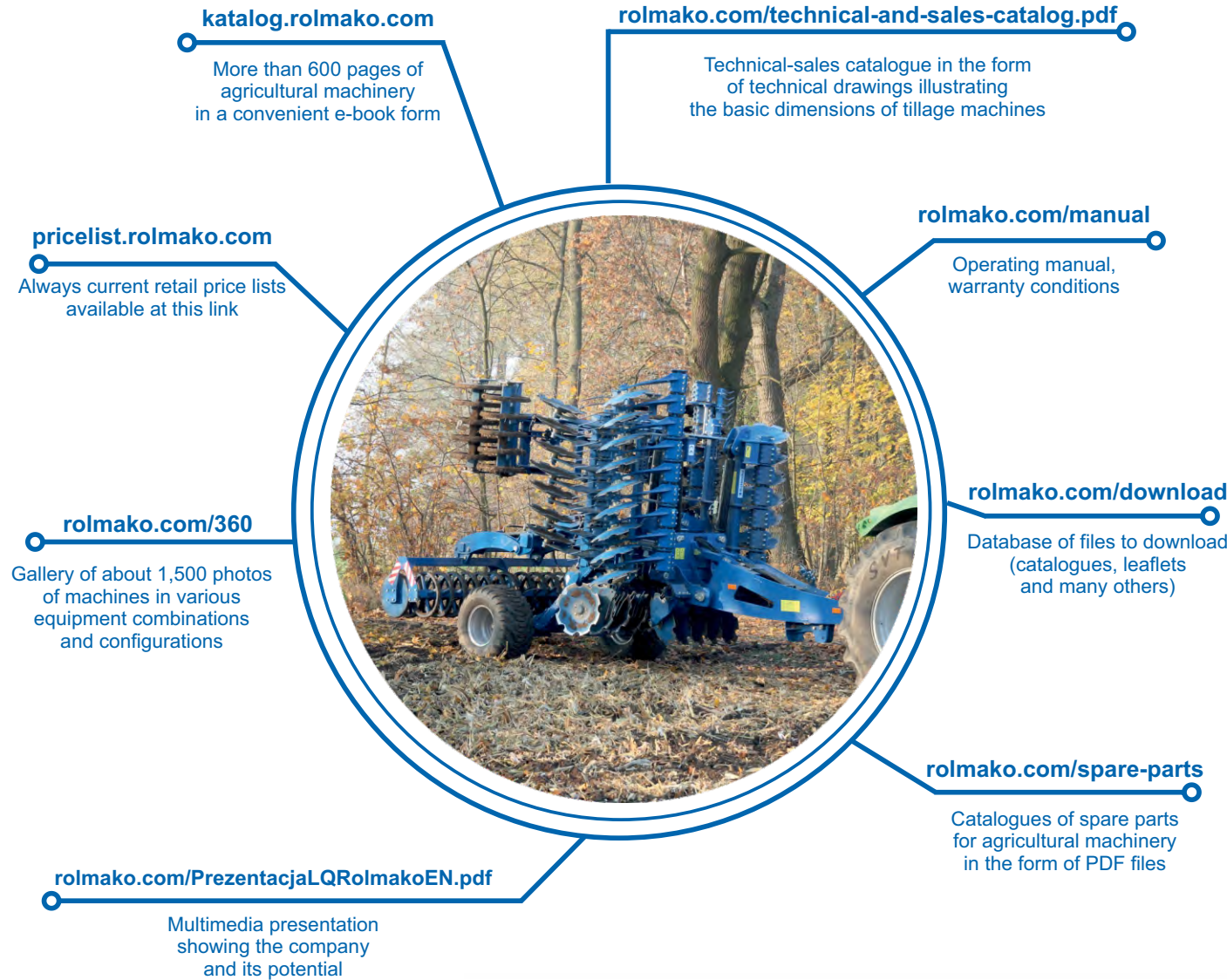
**Accounting:**  
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**Price-list in electronic version**  
[www.pricelist.rolmako.com](http://www.pricelist.rolmako.com)

**Spare parts catalogs**  
[www.rolmako.com/spare-parts](http://www.rolmako.com/spare-parts)



All the previous price lists cease to be valid from the issue date of the current one. All prices were given in EURO, without VAT (net), Ex Rolmako company, ul. Nekielska 11 F, Psary Małe, 62-300 Września.

The offer includes many technical solutions for soil cultivation applied in various soil and climatic conditions. The description of devices and their use were presented in detail in the publications that can be downloaded from the manufacturer's website at <https://www.rolmako.com/download>. Before purchasing an agricultural machine, it is advisable to thoroughly review the manufacturer's offer and the list of rich optional equipment that significantly affects the tillage machine operation quality in specific field conditions. The employees of the company's sales department will help you to choose the right machine to the appropriate tractor class, soil conditions and the effect of work that the Client wants to achieve.

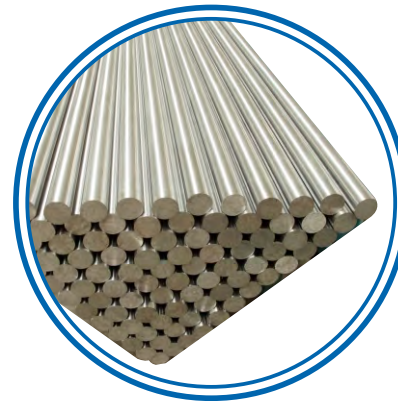
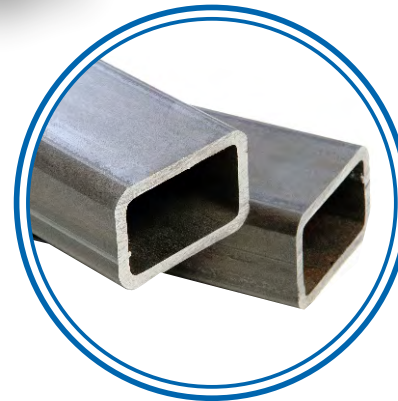
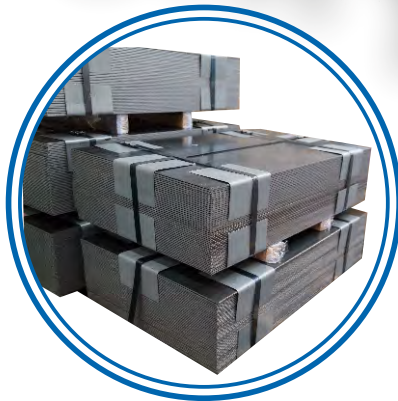
The prices of optional equipment purchased separately without the machine differ from those published in the price list. All technical data include indicative values. The photos included in the price list show the products in configuration with optional equipment. The Rolmako company is not responsible for printing errors.



## R Steel providing a competitive advantage



The requirements of modern agriculture associated with growing and more powerful tractors as well as expectations of large-scale farms and their need for greater acreage performance can only be achieved with the participation of high-quality structural steels. Modern agricultural structures are expected to be highly resistant to loads and to have an extended operation period, therefore, in the manufacture of our tillage machines, we use quality Swedish fine grain steel S500MC and S700MC, as well as carbon and boron steel for heat treatment and Hardox wear-resistant steel. It is possible to obtain a quality final product only with the participation of high-grade steel in production.



**The increased possibilities of tillage equipment owing to high-strength steel that allows to achieve performance beyond ordinary structural steel**

**High-quality metallurgical products are better products characterised by increased durability which allows for a longer service life, increases safety and reduces**



**The best quality structural steel allows us to introduce larger and larger agricultural equipment with a working width of 9.0 m to our offer. The application of high-quality metallurgical products makes our products high-strength agricultural equipment capable of operating at high working speeds with high acreage performance.**

## R Multimedia presentation



Agricultural machines tested in many markets of the world and in various climatic conditions  
In the fields of Europe, sandy areas of Africa, large fields of North and Australia; in each and every of the locations

11 slides, after browsing which, you will find that it is worth involving a machine with the Rolmako logo in working in the field. Qualitative steel, experience on export markets, components from the best suppliers, an excellent cultivation result, flexibility of machinery configuration, the best quality-price ratio in the industry, oversized structures and many other reasons for choosing our agricultural equipment. Enjoy the reading!



Division of Rolmako tillage machines

Machines on the tractor front three-point linkage

- Cambridge roller
- Crosskill roller
- Twin Disc roller
- Roller of steel rings
- Campbell roller
- Prismatic roller RORION

Preparation of seedbeds

- Seedbed cultivator U 382
- Seedbed cultivator U 659
- Seedbed cultivator U 684

Harrows equipped with tillage discs

- Light disc harrow U 622
- Compact disc harrow U 693
- Disc harrow for vineyards and orchards U 645
- Disc harrow U 652
- Heavy stubble harrow U 671

Deep looseners equipped with tines

- Universal subsoiler U 602
- Subsoiler with the coupler U 608
- Subsoiler with the V frame U 614
- Subsoiler with two rows of tines U 619
- Multi-purpose subsoiler U 638
- Subsoiler with the coupler U 632

Stubble and universal cultivators

- Universal crop cultivator U 497
- Stubble cultivator U 453
- Multifunctional tillage cultivator U 436

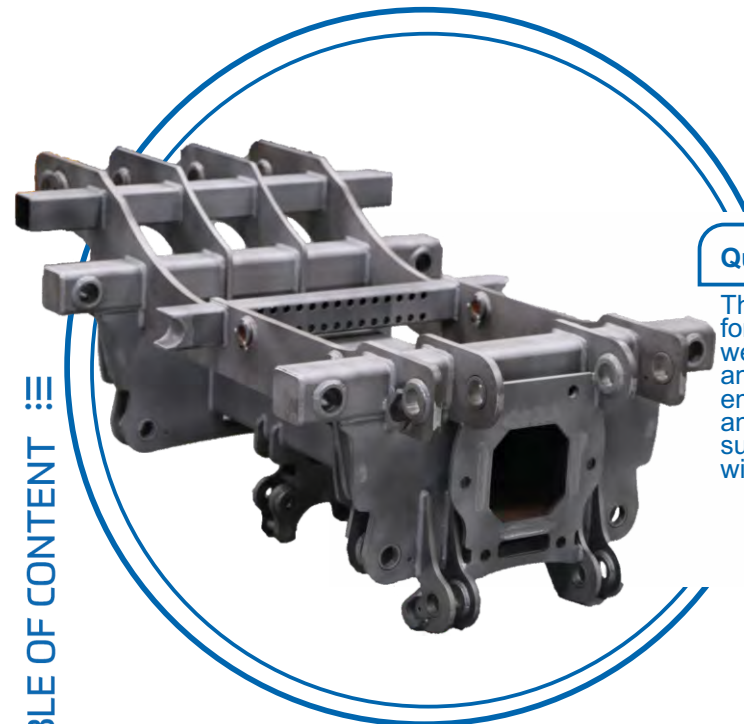
Dozens of pages presenting, in a nutshell, the proposals of our agricultural equipment. In several points, the most important features of each machine were listed. With the use of a link on the product website, you can directly move to the detailed technical data, product catalogue or photo gallery.



## Agricultural machines of a massive design providing great strength

### Oversized agricultural structures

The Rolmako tillage machines stand out from the competition with greater empty weight. The company personnel responsible for the development constructs agricultural equipment for the toughest working conditions. The Rolmako machines effectively cultivate the land in the most challenging regions of the world, without the necessity of adding ballast. The amount of steel used in the construction of the machine results in the fact that these are massive cultivating tools, which allow to use great powers of modern agricultural tractors and being an investment for many years of exploitation on a farm.



### Quality steel products

The most important is the selection of suitable materials for the construction of machines. For their manufacture, we use steel alloys with increased S355 strength and fine-grained S500 ones characterised by excellent engineering properties, C45 carbon steels, Hardox and Raex abrasion resistant steels, as well as boron steels subjected to heat treatment and thick-walled profiles with increased strength.

### Advanced production techniques

We implement machining of quality steel products with the use of devices that allow us for cutting steel plates with the use of laser, plasma and gas technologies, as well as for bending and pressing operations on a hydraulic press with a pressure of 2,000 tonnes. Robotic welding, shot blasting of metal surfaces and efficient powder coating lines allow us to provide products for the most demanding Clients.



## Suppliers of components

### Branded subassemblies

A combination of branded components of machines with the best price-quality ratio results in the situation that we can successfully compete with the tillage machinery industry leaders.



### Tillage machines tested in various climatic structures

Our vast export experience allowed us to build an offer adapted to the Client's expectations. Many configurations and retrofitting of agricultural machines allow to adjust any equipment to the field conditions in which it will operate. Many years of work of the Rolmako employees on improving the company's products allow us today to provide the highest quality products to the most remote regions of the world, where they have proved their usefulness in various soil systems.

### By choosing the Rolmako agricultural machines, you receive:

- product which is an effect of using the latest machining technologies
- high-quality structural steel
- heavy and very durable structures of tillage machines
- machinery parts of the world leaders in the industry
- great options of the machine configuration and its adaptation to any soil conditions
- availability of the most popular operating subassemblies on the market of spare parts
- agricultural machines tested in many markets of the world and in various climatic conditions
- the most favourable machine quality-price ratio in the industry.





## R Pneumatic or hydraulic brake



Pneumatic brake

Agricultural machines and their combinations, e.g. disc harrow coupled with a seeder, which exceed the total weight of 3500 kg, in order to move on public roads, must be equipped with a brake. In the case of machines exceeding the above-mentioned weight, ordered without a brake, moving on public roads is not allowed.



Hydraulic brake



Important! If the provisions regarding admittance for traffic on public roads in the country of the machine's use require additional approvals and certifications, the obligation of providing them applies to the machine's importer.

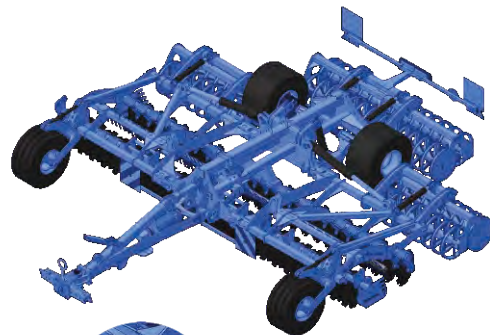
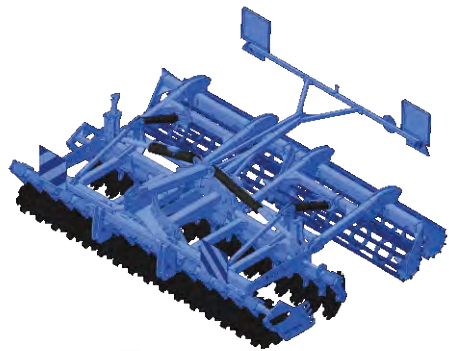
## R Lighting variants\*

\*) The machines, the users of which will move on public roads, must be equipped with the LED lighting proposed by the manufacturer.

mounted version

### The front plate with LED lighting

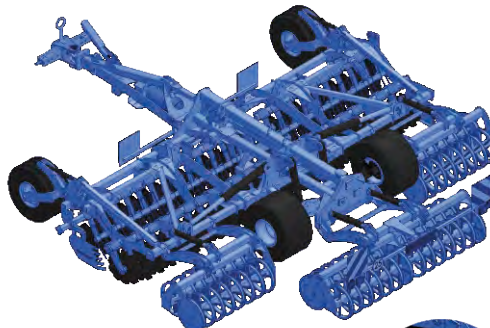
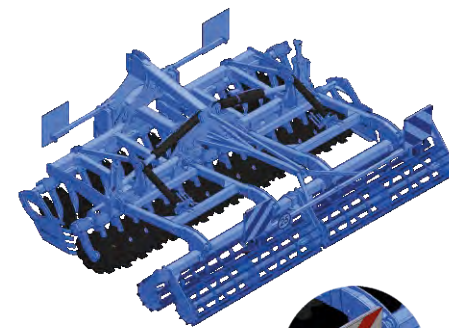
trailed version



mounted version

### Rear LED lighting beam

trailed version



## R Two qualitative standards of spheroidal cast iron of tillage rollers

### Grey cast iron (EN-GJL-250/GG-25 standard) most often used in agricultural machinery

The GG-25 grey cast iron is a popular material used in the agricultural industry. It is characterised by good susceptibility to machining, high resistance to abrasion and good casting properties. The advantage is a relatively low cost of manufacture, recommended for less demanding cultivation conditions.

### Spheroidal cast iron (EN-GJS-500-7/GGG-50 standard) (used in machines of premium brands)

Compared to grey cast iron, the GGG-50 spheroidal cast iron is characterised by much greater resistance to the transfer of impact loads and it has better plastic properties. The application of spheroidal cast iron in the working elements of tillage rollers of the agricultural machinery contributes to a longer period of operation and limitation of time needed to replace the worn subassemblies. The disadvantage of spheroidal cast iron is a higher cost of manufacture.

## R Four variants of the roller bearing units of the Rolmako tillage machines

### 1. Standard maintenance bearing unit

Maintenance: every 150 ha or 1 year  
Resistance to corrosion \*\*\*\*\*  
Bearing housing strength \*\*\*\*\*  
Sealing \*\*\*\*\*  
Bearing load capacity \*\*\*\*\*  
Price: standard equipment.

### 3. ARMOR – optional maintenance bearing unit

ARMOR bearing units for tillage rollers constitute optional equipment of the Rolmako tillage machines. The spheroidal cast iron housing and bearing with increased load capacity were designed with the heaviest rollers, at high working speed. The entire set is galvanised and combines all relevant technical solutions in terms of durability in one bearing unit.  
Maintenance: every 2000 working hours or 2 years  
Resistance to corrosion \*\*\*\*\*  
Bearing housing strength \*\*\*\*\*  
Sealing \*\*\*\*\*  
Bearing load capacity \*\*\*\*\*  
Price: EUR (surcharge to the price of a machine with standard equipment).

### 2. Optional maintenance-free bearing unit

Maintenance: none  
Resistance to corrosion \*\*\*\*\*  
Bearing housing strength \*\*\*\*\*  
Sealing \*\*\*\*\*  
Bearing load capacity \*\*\*\*\*  
Price: EUR . (surcharge to the price of a machine with standard equipment).

### 4. Optional bearing VS with a rubber shock absorber (maximum lifespan)\*

Rubber shock absorbers used in the bearing brackets in the roller mounting system absorb stress and vibrations occurring during the operation of tillage machines. Therefore, there are no strong shocks and the loads of the bearing, roller and main frame of the entire agricultural machine are reduced.  
Maintenance: none  
Resistance to corrosion \*\*\*\*\*  
Bearing housing strength \*\*\*\*\*  
Sealing \*\*\*\*\*  
Bearing load capacity \*\*\*\*\*  
Price: on request.

\*) option available for U 652 and U 671 PRO trailed machines and rollers for field levelling.



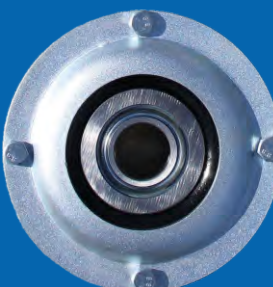
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2



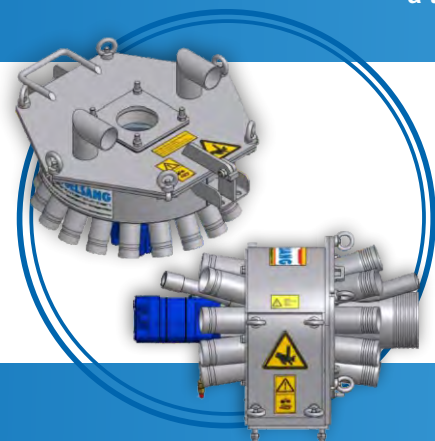
3



4



## Options and services available on Customer's special order\*



KENNFIXX quick couplings option for all tillage machines

Hydraulic couplings guaranteeing the highest quality of the connection of the machine with a tractor. Net price



Slurry applicator to be mounted on U 693 and U 652 disc harrows

The applicator mounting allows for cooperation of the tillage machine with a slurry spreading truck.



Manual parking lock for the hydraulic brake

Net price



Manual parking lock for the pneumatic brake

Net price x number of brake pistons (one or two – depending on the machine version).



Optional Cambridge 530 mm rings

Standard aggressive shape of the Cambridge wheels on request can be replaced with elements of a smoother form. Price provided on request.

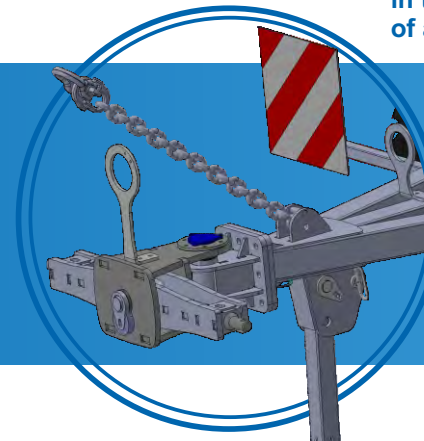


DoubleKnife drag tooth

The drag operating element mounted on request in rollers for the field levelling and lump breaking. Effective tool in dry conditions, the blades cut the top layer of soil which will allow for obtaining significantly higher yields.

Net price x machine working width [m]. \*) paid extra to the price of the reinforced drag.

## Options and services available on Customer's special order\*



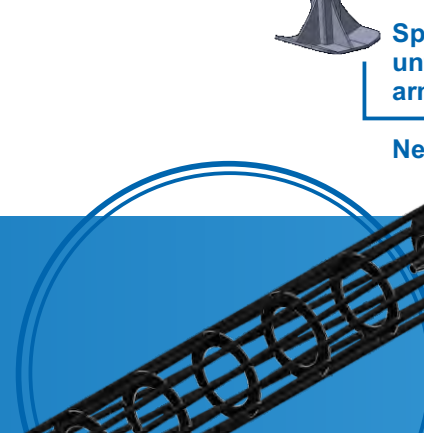
Installation of APV or Delimbe seeders on the Rolmako tillage machine

All prices of the APV seeders listed in the publication do not include the cost of assembly and mounting elements.



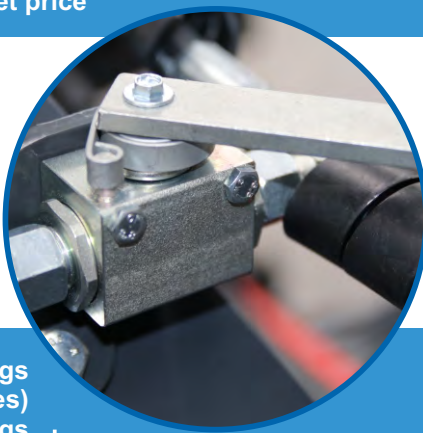
Drawbar safety chain (trailed machines)\*

\*) mandatory option for trailed machines without a brake that will travel on public roads. Net price



Spring valve protecting from accidental unfolding of the hydraulically folded machine arms

Net price



Pipe roller 500 mm 8 strings (normally 12 pipes)  
Pipe roller 600 mm 10 strings (normally 12 pipes)

Not for all soil types more strings on the roller is better, so the pipe rollers can be ordered with a smaller number of pipes. Net price machine width.



Colour on request

The standard RAL 5010 colour can be replaced with a different one from the available palette. Before ordering, check availability.



Sea container loading



\*) Price on request. Before ordering, please ask about availability and the ability to configure the machine.

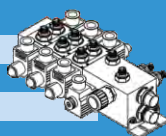


# Options and services available on Customer's special order\*

## Electrical splitter with electrical control system

It allows to reduce the number of hydraulic hoses connected to the

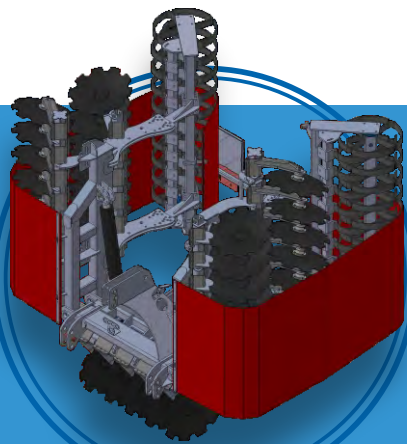
| Splitter model | Net price |
|----------------|-----------|
| 4-section      |           |
| 5-section      |           |
| 6-section      |           |



**EXTREME**

## Disc hubs

We have introduced the EXTREME brand to our products from the very beginning of the manufacture of disc harrows. This is a good choice for the farmer, for whom the cost of using the tillage machine and the saved time needed for the device servicing are important. The service life is extended up to three times in relation to conventional rolling bearings.



## Warning tarpaulin

At the importer's request, the tillage machines can be equipped with a red tarpaulin covering working elements and increasing road safety (requirement of some export markets).  
Net price



## Chocks under the wheels

The simplest machine protection against rolling down when parking. In case of pneumatic and hydraulic brakes, the machine can be equipped with an optional hand parking brake.  
Net price



## Screw cover

Covers for screws tightening the shock absorber fi 40 (disc harrows U 652, U 693). Masking elements improve aesthetics and protect the screw against corrosion number of discs.

# Options and services available on Customer's special order\*

## Longer life of working elements, 560 mm discs made of 5 mm and 6 mm sheet metal\*

Diameter, disc thickness (surcharge to the machine x number of discs) Net price

Discs with a diameter of 560 mm x 5 mm (boron steel 45-48 HRC)\*\*

Discs with a diameter of 560 mm x 6 mm (boron steel 45-48 HRC)\*\*

OFAS discs Italy 560 mm x 5 mm (hardness 48-52 HRC)\*\*\*

OFAS discs Italy 560 mm x 6 mm (hardness 48-52 HRC)\*\*\*

\*) standard disc made of material with a thickness of 4 mm, the prices are related to 1 piece.

\*\*) surcharge is calculated to the machine configured with a disc (boron steel 45-48 HRC) 560 mm x 4 mm.

\*\*\*) surcharge is calculated to the machine configured with the OFAS disc (hardness 48-52 HRC) 560 mm x 4 mm.

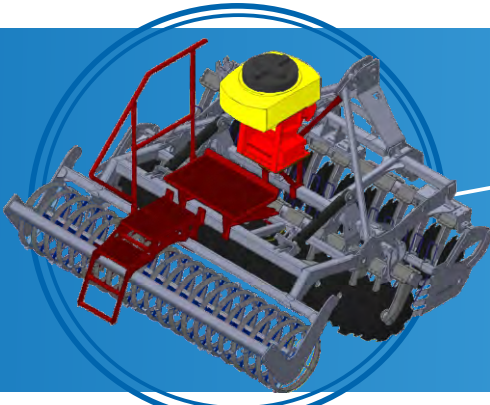
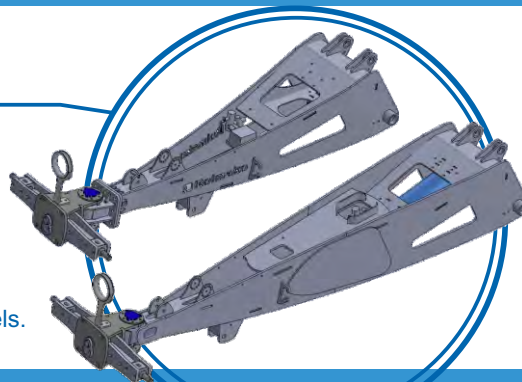


## Rubber components (LongLife shock absorbers <https://www.rolmako.com/longlife.pdf>)

All elements of the machine are important to us, especially, those designed to protect the machine and working elements against excessive overload. LongLife shock absorbers are the highest quality damping of impacts received by the disc harrows that protect the machine structures from damage. Every delivery of LongLife rubber shock absorbers is subjected to strict quality tests in the laboratory, which is confirmed by quality certificates provided to each batch (hardness 75 Shore'a and elasticity 60-70%).

## Extended drawbar

For large tractors equipped with double wheels. It is particularly important to consider this option when ordering the machine with supporting wheels. The figure presents a drawbar for the U 671 disc harrow with a standard length and a drawbar extended by 75 cm for the tractor with a width of 4.0m. All dimensions of the machines are included in the publication under the link: <https://www.rolmako.com/technical-and-sales-catalog.pdf>  
\*) before ordering it is important to check with the manufacturer compatibility of the tractor with a drawbar of the tillage machine equipped with supporting wheels.



## Stairs for APV seeder

For convenience and safety, for the operation time, we suggest equipping all systems of the APV seeders with stairs with a foldable hinge. Prices on page 120+123.

## License plate holder

We offer machines subject to registration for transport on public roads with an optional holder for mounting license plates\*.  
\*) requirement of some markets for users who will use the machine on public roads.  
Net price





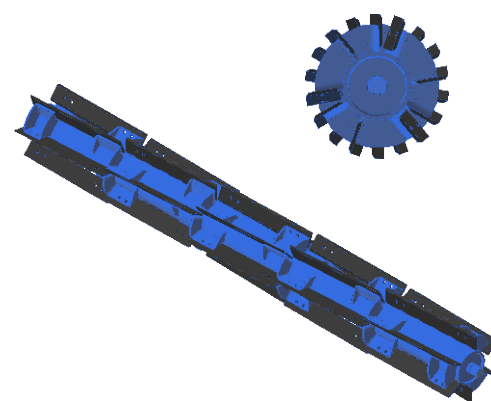


Price

**EXTREME****U 436 Multifunctional tillage cultivator**

Delta Flex tine in the EXTREME Carbon Line variant. The high level of hardness and wear resistance translate into shorter downtime and lower operating costs.

\*) extra charge to the machine in a standard configuration with NON-STOP protection. Price x number of tines.

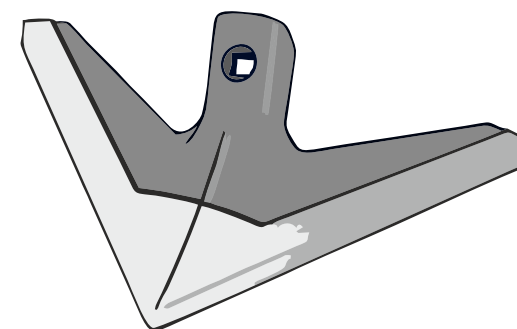


Price

**The ProCut knife roller on the front three-point linkage**

OFAS working element for the ProCut knife roller (48-52 HRC) Greater resistance to impact and wear. It is recommended for soils with properties of high abrasion.

\*) extra charge to the standard ProCut knife roller. Price for 1 metre of the roller. For double rollers, the price doubles. A standard knife is characterized by a lower hardness of +/- 45 HRC.

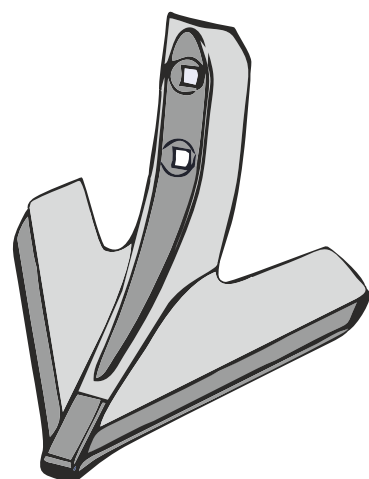


Price

**Compact seedbed cultivator: U 684 / U 684 PRO**

Coulter: 260 mm in the reinforced version (by hardfacing)

\*) extra charge to the standard cultivator with SX tine.



Price

**Universal cultivator: U 497**

Reinforced goosefoot: 200 mm for SW 70x12 tine variant with built-in cemented carbide

\*) extra charge to the standard cultivator with SW tine.



Price in the 2023 price list

**AgriHub OFAS, version: 2023 for the disc harrow: U 645, U 622, U 693, and U 652**

High-quality replacements of original maintenance-free SKF hubs will be provided by the Italian OFAS company. Hub name remains unchanged in the offer, when ordering, please indicate: AgriHub. As standard, the maintenance-free AgriHub hubs are mounted in the machines: U 453, U 436 and U 652.



Standard equipment

**EXTREME hub for heavy stubble harrow: U 671 / U 671 PRO**

Extended operation time by using the highest bearing and seal classes that are unavailable in classic agricultural solutions. The hub is designed by a German manufacturer cooperating with Rolmako.



# Hitches of cultivation machines

## Hitch categories of the Rolmako tillage machines

- a) Cat. I Ø 19 mm to 65 HP
- b) Cat. II Ø 28 mm to 125 HP
- c) Cat. III Ø 36,6 mm to 110 HP to 250 HP



- d) Cat. III/IV\* Ø 50,8mm (width of III category) from 200 KM to 410 KM
- e) Cat IV Ø 50,8 mm from 200 KM to 410KM

**scharmüller**

## Other available forms for coupling the machine with a tractor\*

- 1) Drawbar eye
- 2) Ball hitch K80

\*) available on request.



| Optional hitches *      | NET PRICE |
|-------------------------|-----------|
| Scharmüller drawbar eye |           |
| Scharmüller ball hitch  |           |

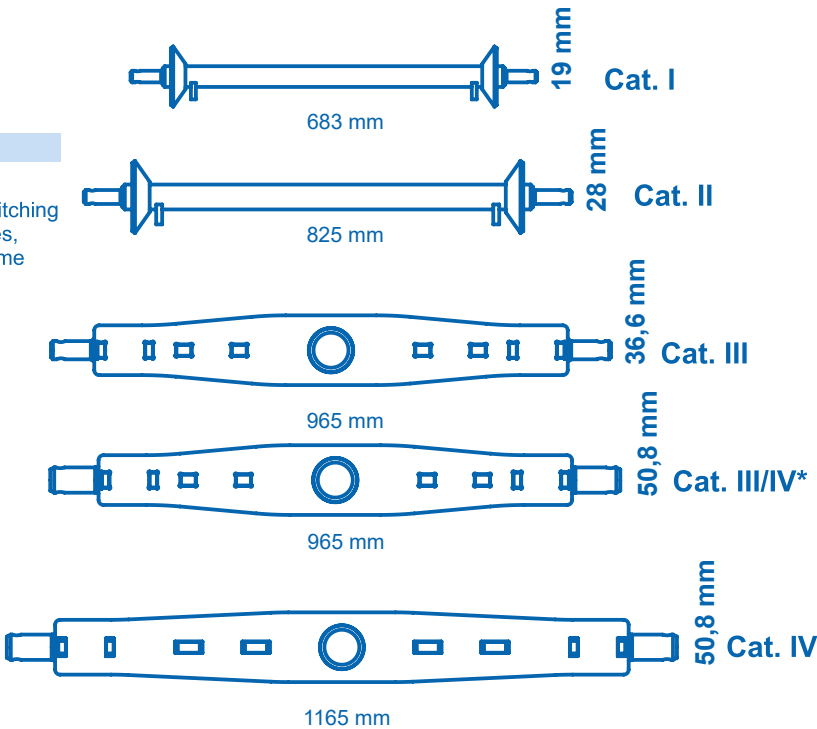
\*) the extra charge applies to machines equipped with a hitching beam as standard. The drawbar, in case of optional hitches, is equipped with a steplessly adjusted support, and for some machines, a hydraulic drawbar may be required.

## Hitch categories consistent with the ISO 730 standard



[www.rolmko.pl/iso730.pdf](http://www.rolmko.pl/iso730.pdf)

\*) hitch tips appropriate for the IV category of the hitch, width Cat. III.



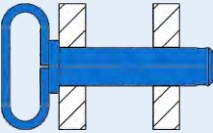
# Hitches of cultivation machines



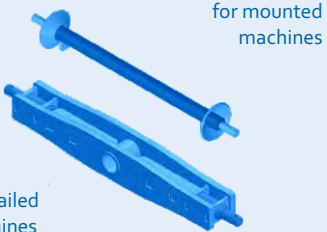
Before purchasing machine please check the possibility of coupling with an agricultural tractor

| Table of hitches in cultivation machines            |                 | THREE-POINT LINKAGE CATEGORY |  | HITCH TYPE    |
|-----------------------------------------------------|-----------------|------------------------------|--|---------------|
| MACHINE TYPE                                        | WORKING WIDTH   |                              |  |               |
| Machines on the tractor's front three-point linkage | 2,5 - 3,0 m     | II                           |  | hitch pin     |
| Tillage cultivator U 382                            | 3,0 - 6,0 m     | II i III                     |  | hitch pin     |
| Seedbed cultivator U 659                            | 2,5 - 3,0 m     | II/III*                      |  | hitching beam |
| Seedbed cultivator U 659                            | 4,0 m           | III                          |  | hitching beam |
| Compact seedbed cultivator U 684                    | 2,5 - 3,0 m     | II i III                     |  | hitch pin     |
| Compact seedbed cultivator U 684                    | 4,0 m           | III                          |  | hitch pin     |
| Compact seedbed cultivator U 684                    | trailed version | III                          |  | hitching beam |
| Light disc harrow U 622                             | 2,7 - 3,0 m     | II/III*                      |  | hitching beam |
| Light disc harrow U 622                             | 3,5 - 4,0 m     | III                          |  | hitching beam |
| Compact disc harrow U 693                           | 2,7 - 3,0 m     | II i III                     |  | hitch pin     |
| Compact disc harrow U 693                           | 3,5 - 6,0 m     | III                          |  | hitch pin     |
| Compact disc harrow U 693                           | trailed version | III                          |  | hitching beam |
| Disc harrow for vineyards and orchards U 645        | 1,25 - 2,00 m   | I i II                       |  | hitch pin     |
| Disc harrow U 652                                   | 3,0 - 4,5 m     | III                          |  | hitch pin     |
| Disc harrow U 652                                   | 5,0 i 6,0 m     | III                          |  | hitching beam |
| Heavy stubble harrow U 671                          | 3,0 - 4,0 m     | III                          |  | hitch pin     |
| Heavy stubble harrow U 671                          | trailed version | III/IV*                      |  | hitching beam |
| Universal cultivator U 497                          | 3,0 - 6,0 m     | III                          |  | hitch pin     |
| Universal cultivator U 497                          | trailed version | III                          |  | hitching beam |
| Stubble cultivator U 453                            | 2,1 - 3,0 m     | II/III*                      |  | hitching beam |
| Stubble cultivator U 453                            | 3,9 m           | III                          |  | hitching beam |
| Multifunctional tillage cultivator U 436            | 2,6 - 4,0 m     | III                          |  | hitch pin     |
| Multifunctional tillage cultivator U 436 PRO        | 4,0 H i 4,5 m H | III                          |  | hitch pin     |
| Multifunctional tillage cultivator U 436            | 5,0 i 6,0 m     | IV                           |  | hitching beam |
| Subsoiler U 602, U 608, U 614, U 619, U 632         | 1,6 m           | II i III                     |  | hitch pin     |
| Subsoiler U 602, U 608, U 614, U 619, U 632         | 3,0 - 4,0 m     | III                          |  | hitch pin     |
| Multi-purpose subsoiler U 638                       | 2,5 - 4,5 m     | III                          |  | hitch pin     |
| Multi-purpose subsoiler U 638                       | 5,0 - 6,0 m     | IV                           |  | hitching beam |
| Rollers for field leveling and soil lumps breaking  | 5,0 - 9,4 m     | III                          |  | hitching beam |

\*) possibility of choosing a category by the customer.



hitch pin



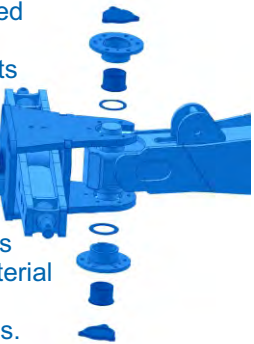
for mounted machines



for trailed machines

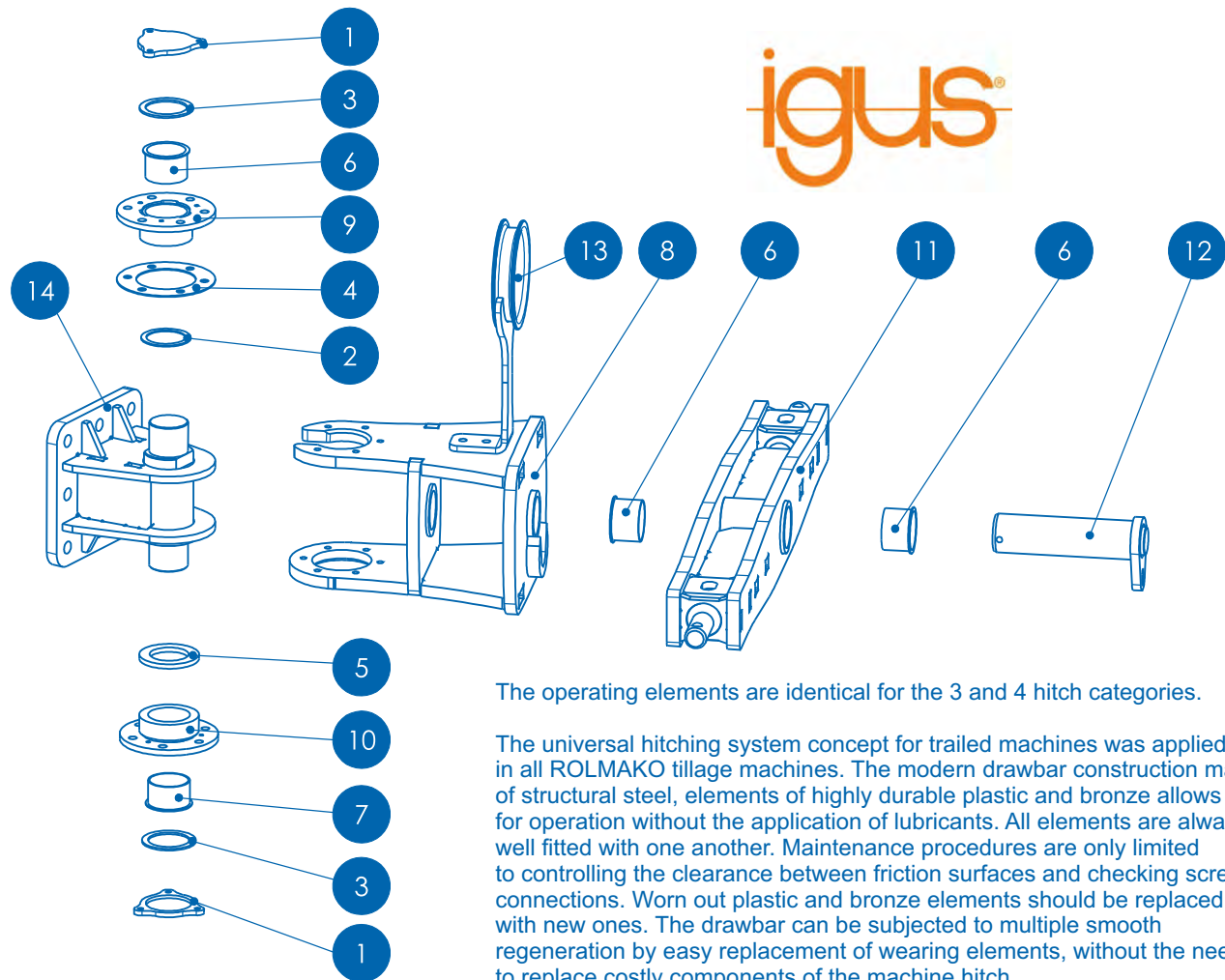
hitching beam

Hitching beam in the trailed version has successfully undergone numerous tests conducted at the State Automotive Institute (PIMOT Warsaw). Rotating elements have been equipped with washes and bushings made of very durable material that does not require any maintenance activities.





## Hitches of cultivating machines



The operating elements are identical for the 3 and 4 hitch categories.

The universal hitching system concept for trailed machines was applied in all ROLMAKO tillage machines. The modern drawbar construction made of structural steel, elements of highly durable plastic and bronze allows for operation without the application of lubricants. All elements are always well fitted with one another. Maintenance procedures are only limited to controlling the clearance between friction surfaces and checking screw connections. Worn out plastic and bronze elements should be replaced with new ones. The drawbar can be subjected to multiple smooth regeneration by easy replacement of wearing elements, without the need to replace costly components of the machine hitch.

| Item | PART NO.* | DESCRIPTION         |
|------|-----------|---------------------|
| 1    | B-1564    | Outer cover         |
| 2    | B-1609    | Metal washer 2 mm   |
| 3    | B-2081    | Rubber gasket       |
| 4    | BC-746A   | Flange washer 2 mm  |
| 5    | BC-1234   | Slide washer 8 mm   |
| 6    | M-200     | Slide bushing 48 mm |
| 7    | M-200C    | Slide bushing 42 mm |

| Item | PART NO.* | DESCRIPTION                    |
|------|-----------|--------------------------------|
| 8    | ZB-574    | Hitch turntable                |
| 9    | ZB-575B   | Upper flange 90-49 mm          |
| 10   | ZB-575DD  | Lower flange 100-43 mm         |
| 11   | ZB-583    | Hitch pendulum (hitching beam) |
| 12   | ZB-584    | Hitch turntable pin            |
| 13   | ZB-1248   | Hydraulic line clamp           |
| 14   | ZBC-423   | Hitch head                     |

\*) when ordering, please refer to the part catalogue number.

## Transport on public roads



When using the Rolmako machines, the operator is personally responsible for observing the highway code in a given country (in most countries, machines not exceeding a width of 3.0 m and a transport height of 4.0 m are authorised for entry into service on public roads\*). In the list of optional equipment, the manufacturer has accessories required for machines, the users of which will move on public roads (LED lighting beam, number plate frame, brake, fabric cover protecting operating elements during transport, etc.).

\*) transport width often differs from the working width.

## Rolmako tillage machines compatible with devices of other manufacturers



APV is a well-known and respected manufacturer of aftercrop seeders and fertiliser spreaders. The devices are available with various seed hopper capacities from 100 litres to 1600 litres. A wide range of seeders makes them a perfect device for handling small, medium and large cultivation areas. APV, owing to the excellent precision of sowing, will be perfect for farmers with large cultivation areas and service companies.

VOGELSANG is a leader in manufacture of applicators for liquid manure spreading. The soil fertilisation combines the process of soil disturbance while spreading liquid manure. The devices were designed for the best work result and to ensure long durability of the system for applying natural fertilisers in the soil tillage machine. The soil and direct fertilisation with liquid manure saves time and reduces costs.

## On-line training for sales representatives of our agricultural machinery dealers

We prepared on-line training for our dealers and their sales representatives. Simply register, and our trainer will contact you.

Everything for your comfort, time saving, but most of all, taking care of the state of knowledge of our partners, we prepared dedicated on-line training. It will take place on the date agreed with you.

We are convinced that this form of training is a perfect combination of valuable knowledge and comfort. You do not have to change your plans or devote time to travel. All you have to do is to connect with us on-line, and we will do the rest.

Registration of sales representatives for on-line training:  
[www.rolmako.com/registration](http://www.rolmako.com/registration)

Technical requirements:  
- computer with a microphone  
- Internet access.

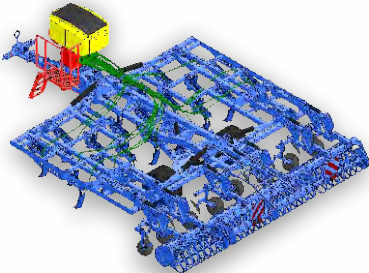
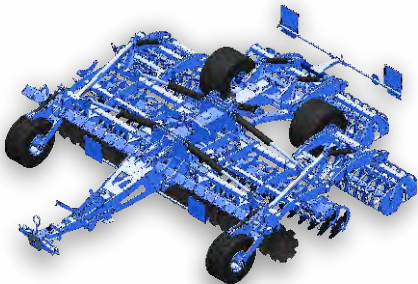


We invite you to familiarize yourself with our offer in a more detailed way





[www.rolmako.com/download](http://www.rolmako.com/download)

|                                                               |                                                                 |                                                                                                                                          |                                    |
|---------------------------------------------------------------|-----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|
| Mulch harrow<br>SpringExpert                                  | Heavy stubble<br>harrow U 671<br>PRO+                           | <br>Cultivator U 436<br>with the fertilizer<br>version |                                    |
| Cultivator U 436<br>with the fertilizer<br>version            | Tined weeder<br>Activator<br>ActiVAgro                          | <br>Heavy stubble<br>harrow U 671<br>PRO+              |                                    |
| ProCut knife<br>roller on the front<br>three-point<br>linkage | Liquid manure<br>applicator                                     | <br>PrecisoAgri<br>precision<br>seeder                |                                    |
| Disc harrow<br>on the front<br>three-point<br>linkage         | Tillage<br>cultivator<br>on the front<br>three-point<br>linkage | <br>Mulch harrow<br>SpringExpert                     |                                    |
| BigField system<br>carrier 8,0 m                              | Chisel plough<br>with Ripper<br>Tine U624                       | EasyPlant<br>universal<br>grain seeder                                                                                                   | PrecisoAgri<br>precision<br>seeder |

Numerous new options for previously available agricultural machines



Warranty and post-warranty service



Rolmako service centre

Rolmako service centre performs warranty and post-warranty repairs. Service requests are arranged by phone or e-mail by the Service Department. Each request is registered in the service record book and a repair report is drawn up. After the end of each season, we thoroughly analyse the types and frequency of failures to improve the quality and durability of our machines along with their components. The factory service also ensures professional technical consultancy in the area of repair and operation of machines.



Laser processing of pipes and steel profiles



Machining centre  
of sheets, pipes and profiles

Rolmako agricultural machines are manufactured using the state-of-the-art equipment for machining sheet metal plates, pipes and profiles. Technologically advanced lasers enable the most versatile, precise and efficient cutting of work-pieces of any shape. Our applied machining technologies enable us to achieve accuracy within +/- 0.1 mm, and guarantee reproducibility of agricultural machinery and parts.



# New products, it's worth paying attention to



## BigField - cultivation tool carrier 8.0

The BigField machine consists of a chassis with a system carrier and two mounted machines with a width of 4.0 m. The BigField device is equipped with two hydraulic suspension systems that allow to use it with various tillage machines:



## The ProCut knife roller on the tractor's front three-point linkage

The ProCut knife roller is intended for intensive grinding of post-harvest residue after corn and rapeseed as well as green mass of aftercrop plants. It is also a very good tool to combat European corn borer larvae preying on corn stalks. The ProCut roller can operate at a speed of 5-20 km/h, and the recommended working speed is more than 12 km/h. The knife roller should operate with a depth not exceeding 3 cm.

## Chisel plough U 624

The chisel plough allows to shorten the working time needed for cultivation in comparison with traditional ploughing with an agricultural plough while limiting the costs related to it. The machine prepares the field by breaking the impermeable soil layers to provide better access for air and water..



## Subsoiler with the coupler U 632

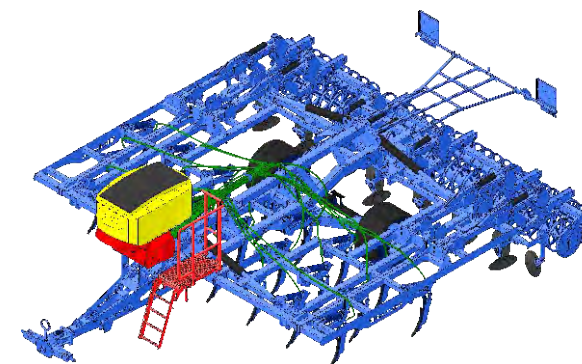
As standard, the machine is equipped with a coupler for a rotary harrow or other accompanying tillage machine, overload protection with a strong double spring, ATLAS tine with welded working elements and built-in cemented carbide.



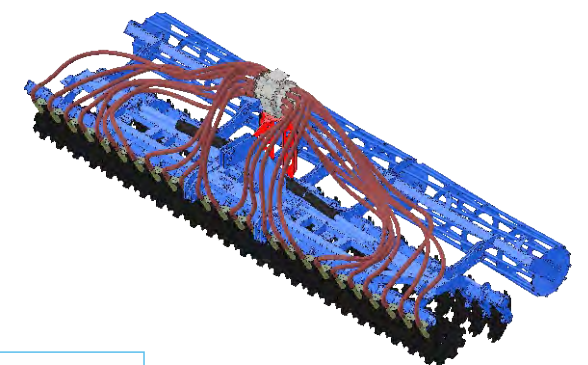
## Spring Expert Mulch harrow

The SpringExpert harrow can operate at a speed of 10-25 km/h, and the recommended working speed is more than 15 km/h. The mulch cultivators are mainly used in the stubble cultivation after cereals and rapeseed.

## Tillage and fertilizer cultivator



## Liquid manure applicator



Other

more on [www.rolmako.com/new](http://www.rolmako.com/new)

**Rolmako**

[www.rolmako.com/partnership](http://www.rolmako.com/partnership)

photo gallery [www.rolmako.com/360](http://www.rolmako.com/360)





Tined weeder / Activator

type

ActiVAgro



Standard equipment

Wheels for adjusting the machine's working height, additional supporting wheels (version 9.0 m and 12.0 m), 6 rows of individual tines with a diameter of 7 mm, mechanical adjustment of the tine operation angle, mechanical lock of arms used during transport, and supports used when parked.



Prices for the machines with standard equipment

| WORKING WIDTH (m) | WORKING SECTIONS          | NET PRICE |
|-------------------|---------------------------|-----------|
| 6,0 H             | 4 x 1,5 m (48 pcs. tines) |           |
| 7,5 H             | 5 x 1,5 m (48 pcs. tines) |           |
| 9,0 H             | 6 x 1,5 m (48 pcs. tines) |           |
| 12,0 H            | 8 x 1,5 m (48 pcs. tines) |           |

H - hydraulically folded machines, transport width does not exceed 3 m.



Optional equipment (extra charge to the machine price with standard equipment)

| WORKING WIDTH (m) | 8 mm springs<br>NET PRICE | Hydraulic adjustment of the springs<br>NET PRICE | Levelling scrapers<br>NET PRICE |
|-------------------|---------------------------|--------------------------------------------------|---------------------------------|
| 6,0 H             |                           |                                                  |                                 |
| 7,5 H             |                           |                                                  |                                 |
| 9,0 H             |                           |                                                  |                                 |
| 12,0 H            |                           |                                                  |                                 |

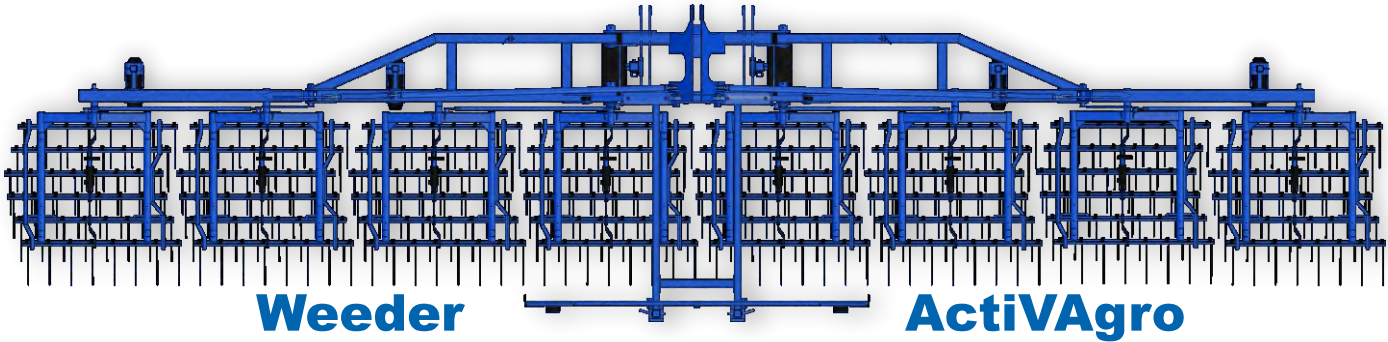
\*) the scraper is mounted on the last two rows of spring tines.

Other available options

|                          | NET PRICE |
|--------------------------|-----------|
| Supporting wheels, set * |           |
| Rear LED lighting beam   |           |
| APV aftercrop seeder     |           |

\*) option available for weeders that are 6,0 m and 7,5 m wide.

Spring mounting system extending service life



Technical data

| WORKING WIDTH (m) | SPRING DIAMETER | POWER DEMAND (KM)* | WEIGHT (kg)** |
|-------------------|-----------------|--------------------|---------------|
| 6,0 H             | 7 / 8 mm        | 70                 | 760           |
| 7,5 H             | 7 / 8 mm        | 80                 | 1060          |
| 9,0 H             | 7 / 8 mm        | 90                 | 1290          |
| 12,0 H            | 7 / 8 mm        | 110                | 1870          |

\*) minimum power demand may significantly vary depending on the equipment and soil conditions.

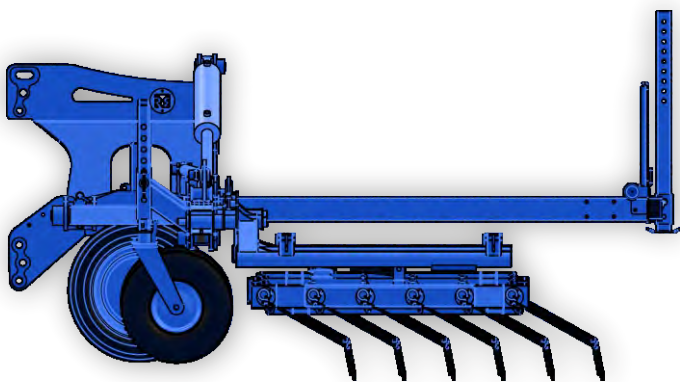
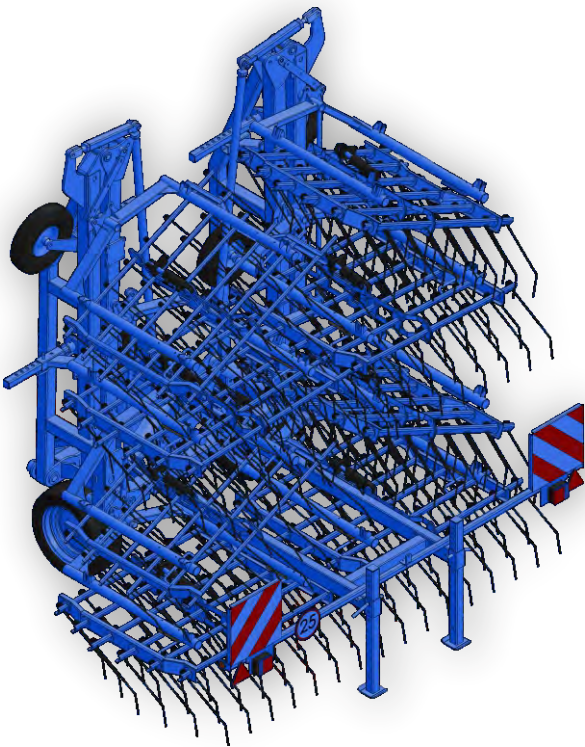
\*\*) weight of the machine with standard equipment.



Tined weeder / Activator

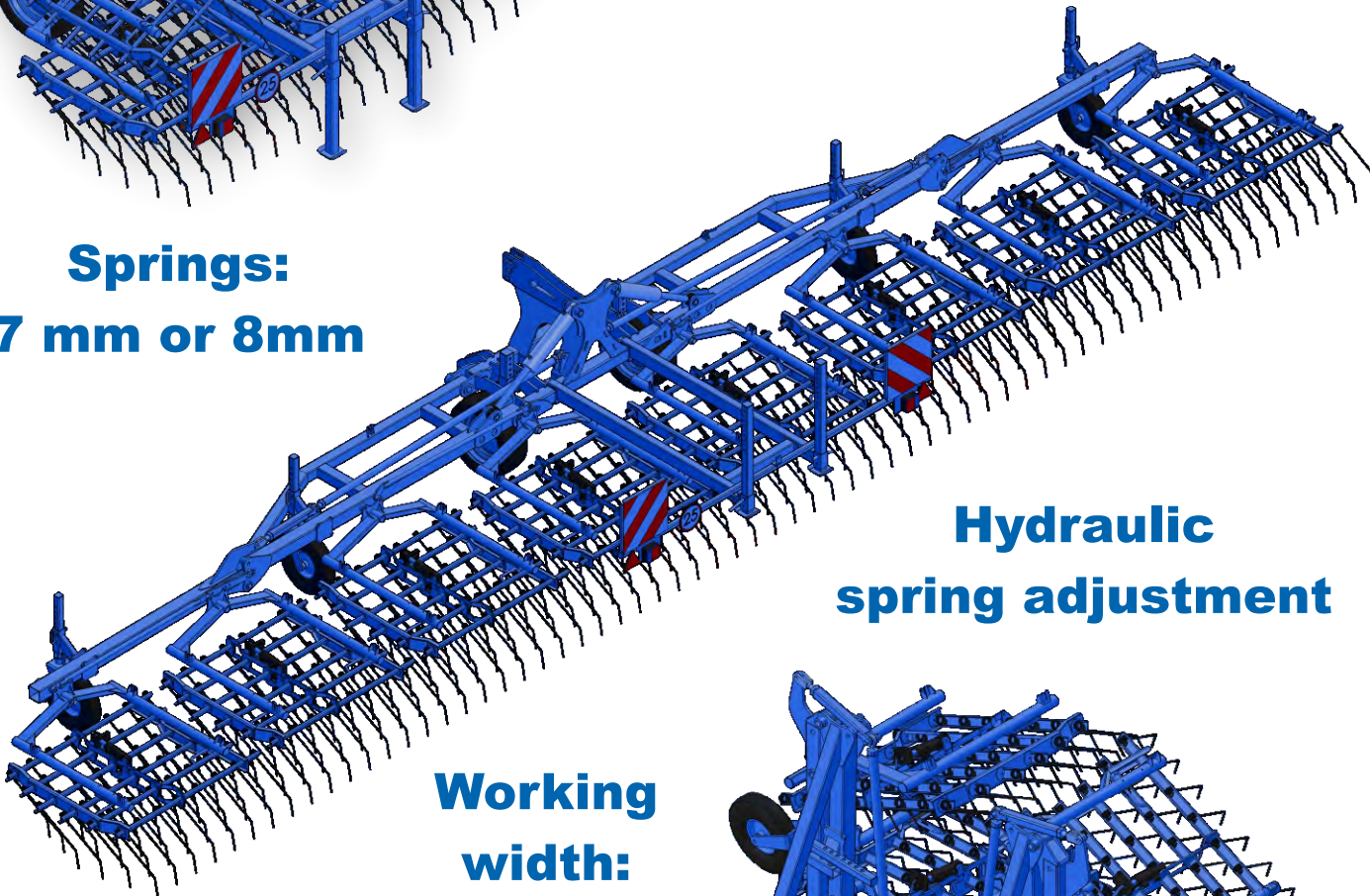
typ

ActiVAgro



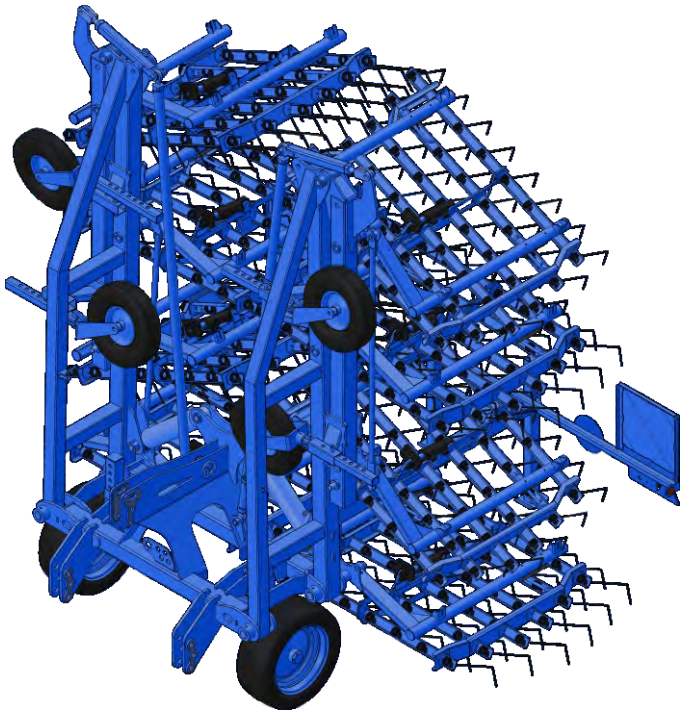
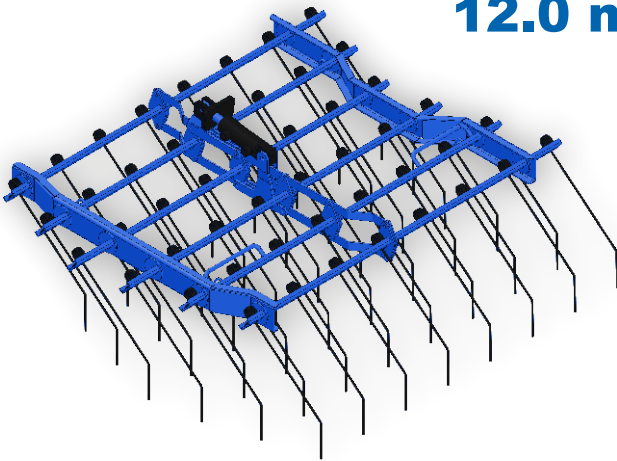
ActiVAgro

Springs:  
7 mm or 8mm



Hydraulic  
spring adjustment

Working  
width:  
12.0 m





R

# Rotary hoe MATRIX

(mechanical weed control and ultra-shallow tillage)

type

MATRIX



**Standard equipment**  
Rotary stars with a diameter of 540 mm at 85 mm intervals, a frame with a cross-section of 180 x 180 mm, spring pressure of working elements, stone protection guards.

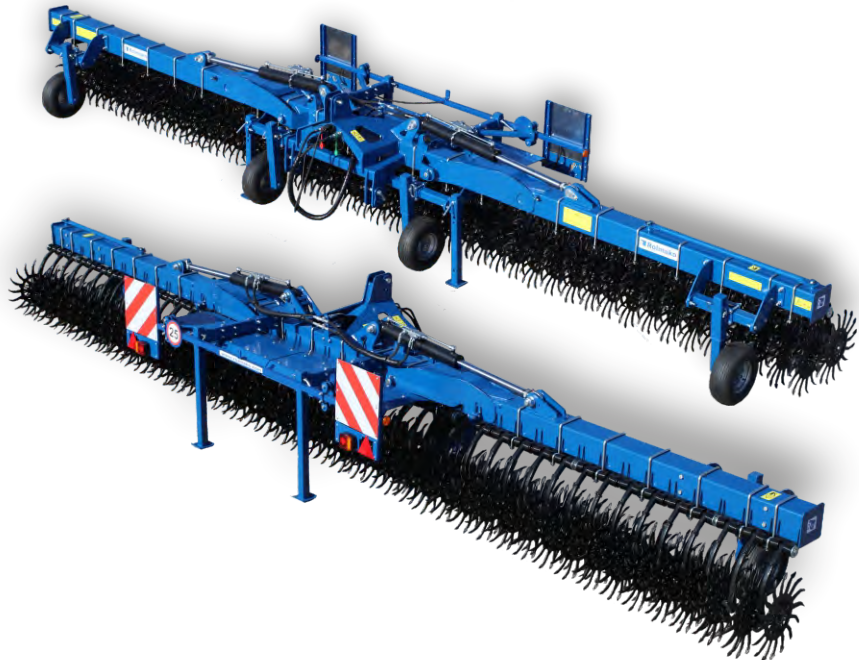


| WORKING WIDTH | NETPRICE |
|---------------|----------|
| 6,0 m H       |          |
| 7,0 m H       |          |
| 8,0 m H       |          |

H – hydraulically folded machines, transport width not exceeding 3 m.



| Optional equipment (additional payment for the price of the machine with standard equipment) | NETPRICE |
|----------------------------------------------------------------------------------------------|----------|
| Supporting wheels (4 pcs)<br>LED lighting beam                                               |          |



| Technical data |                        |                    |             |  |
|----------------|------------------------|--------------------|-------------|--|
| WORKING WIDTH  | NUMBER OF ROTARY DISCS | POWER DEMAND (HP)* | WEIGHT (kg) |  |
| 6,0 m H        | 68                     | 90                 | 1720        |  |
| 7,0 m H        | 80                     | 100                | 1860        |  |
| 8,0 m H        | 92                     | 110                | 2080        |  |

\*) minimum power demand may significantly vary depending on the equipment and soil conditions.  
\*\*) weight of the machine with standard equipment.

R

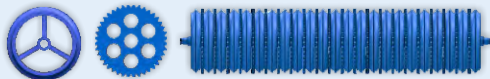
# Machines on the front tractor three-point linkage



Basic proposals for tillage combinations on the front linkage of the tractor

Cambridge roller Ø 530 mm

| WORKING WIDTH | NET PRICE |
|---------------|-----------|
| 3,0 m         |           |



Crosskill roller Ø 500 mm

| WORKING WIDTH | NET PRICE |
|---------------|-----------|
| 3,0 m         |           |



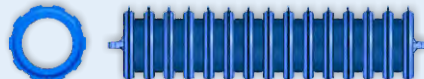
Twin Disc roller  
(two rows of corrugated discs Ø 470 mm)

| WORKING WIDTH | NET PRICE |
|---------------|-----------|
| 3,0 m         |           |



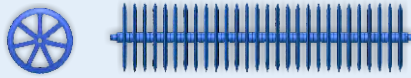
Roller of steel rings 48-52 HRC Ø 600 mm

| WORKING WIDTH | NET PRICE |
|---------------|-----------|
| 3,0 m         |           |



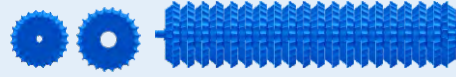
Campbell roller Ø 560/700 mm

| WORKING WIDTH | NET PRICE |
|---------------|-----------|
| 3,0 m         |           |



Prismatic roller ORION Ø 500 mm

| WORKING WIDTH | NET PRICE |
|---------------|-----------|
| 3,0 m         |           |



Widths of 2,5 m, 3,5 m and 4,0 m are produced on special order

Optional spheroidal cast iron is characterized by many times higher strength for heavy loads in relation to generally applicable gray cast iron. The ductility of spheroidal cast iron is similar to steel.

In addition to the basic offer, the manufacturer offers the possibility to design a non-standard combination of tools for the front three-point linkage of the tractor. It is possible to make machines with a width of 3,5 m and 4,0 m.

Machines in the rigid version exceeding 3,0 m during transport, are not allowed to move on public roads.



Cambridge roller Ø 530 mm  
with a working width of 4,0 m





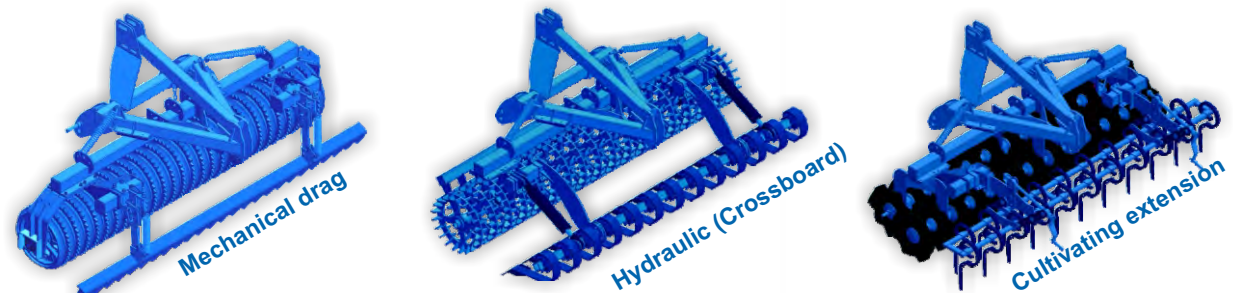
## Machines on the front tractor three-point linkage



Optional equipment (surcharge to the price of the machine with standard equipment)

| Front drag    | Mechanical*                                                    | Hydraulic Crossboard<br>(45x10mm spring, 100 mm runner) |
|---------------|----------------------------------------------------------------|---------------------------------------------------------|
| WORKING WIDTH | NET PRICE                                                      | NET PRICE                                               |
| 3,0 m         |                                                                |                                                         |
|               | Heavy duty Crossboard drag<br>(spring 80x10 mm, runner 150 mm) | Heavy duty Crossboard drag<br>with a stabilization beam |
| WORKING WIDTH | NET PRICE                                                      | NET PRICE                                               |
| 3,0 m         |                                                                |                                                         |

\*) hardwearing runner with spring deflection.



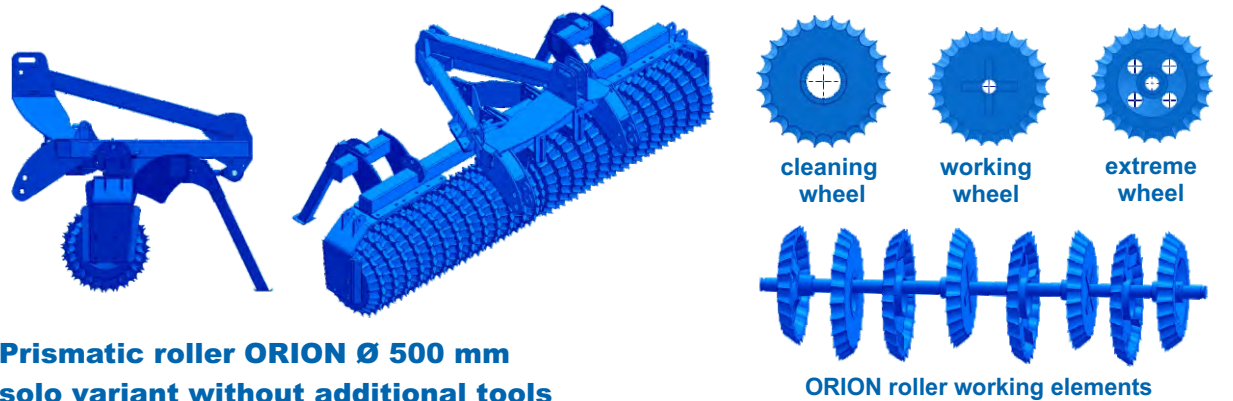
| Cultivating extension   | Two rows of 32x12 mm SU tines | Three rows of 32x12 mm SU tines |
|-------------------------|-------------------------------|---------------------------------|
| WORKING WIDTH           | NET PRICE                     | NET PRICE                       |
| 3,0 m                   |                               |                                 |
| Other available options | NET PRICE                     |                                 |

|                                                                                                                                                                                           |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Rollers made of spheroidal cast iron GGG50*                                                                                                                                               |  |
| SU tine reinforcement (SET)                                                                                                                                                               |  |
| Reflective plates (423 mm x 423 mm)                                                                                                                                                       |  |
| Reflective plates with LED marker lamp                                                                                                                                                    |  |
| Weights (80 kg)                                                                                                                                                                           |  |
| Maintenance-free roller bearing unit (pc.)**                                                                                                                                              |  |
| *) option available for Cambridge, Crosskill, Campbell and ORION rollers, the price is given for the width of 1,0 m.                                                                      |  |
| **) fittings made of spheroidal cast iron GGG50 with steel cover. Table with the number of bearing units on page 135. This option is not available for the Twin Disc roller and Campbell. |  |



| Technical data  | Cambridge roller | Crosskill roller  | Twin Disc roller       |
|-----------------|------------------|-------------------|------------------------|
| WORKING WEIGHT* | WEIGHT*          | WEIGHT*           | WEIGHT*                |
| WIDTH (KG)      | (KG)             | (KG)              | (KG)                   |
| 3,0 m 1310      | 905              | 935               |                        |
| Technical data  | Campbell roller  | Steel-ring roller | Prismatic roller ORION |
| WORKING WEIGHT* | WEIGHT*          | WEIGHT*           | WEIGHT*                |
| WIDTH (KG)      | (KG)             | (KG)              | (KG)                   |
| 3,0 m 940       | 950              | 1240              |                        |

\*) weight of the machine with standard equipment.



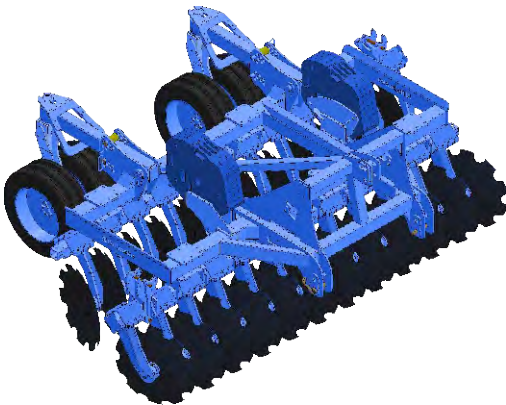
## Disc harrow on the front three-point linkage

(rubber shock absorber 40 mm x 180 mm)



Standard equipment

Toothed disc with a diameter of 510 mm made of boron steel 45-48 HRC, ZVL PREMIUM tapered discs bearing (lubrication every 150 ha for a 3.0 m wide machine), rubber shock absorber 40 mm x 180 mm and four supporting wheels 185/65-15. At the customer's request, a smooth disc or a fine-toothed disc is mounted.



Price of the machine with standard equipment

| WORKING WIDTH | NUMBER OF DISCS | WEIGHT (KG) | NET PRICE |
|---------------|-----------------|-------------|-----------|
| 3,0 m         | 24              | 1280        |           |



Optional equipment

| DISCS WITH A DIAMETER OF 560 MM (45-48 HRC) | OFAS DISCS ITALY 510 MM (48-52 HRC) | OFAS DISCS ITALY 560 MM (48-52 HRC) | SKF TAPERED ROLLER BEARINGS* | AGRIHUB MAINTENANCE-FREE HUB |
|---------------------------------------------|-------------------------------------|-------------------------------------|------------------------------|------------------------------|
|                                             |                                     |                                     |                              |                              |

NET PRICE

| EXTREME MAINTENANCE-FREE HUB | SIDE LEVELING COVERS | REFLECTIVE PLATES (423 MM X 423 MM) | REFLECTIVE PLATES WITH A LED MARKER LAMP | WEIGHTS (80 KG) |
|------------------------------|----------------------|-------------------------------------|------------------------------------------|-----------------|
|                              |                      |                                     |                                          |                 |

\*) lubrication every 150 ha for a 3.0 m wide machine.



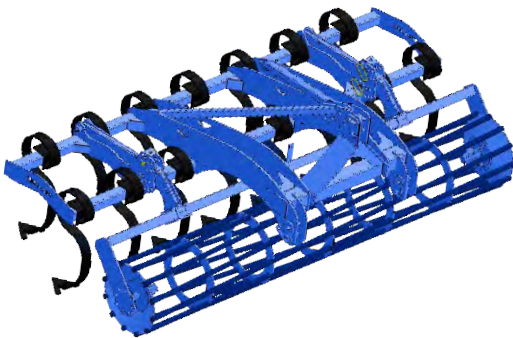
## Tillage cultivator on the front three-point linkage

(SW tine 70x12 mm for pre-sowing and tillage works)



Standard equipment

Two rows of SW tines (spring 70 x 12 mm). The SW tine is ended with a pre-sowing coulter, optionally a goosefoot stubble coulter. Rear pipe roller Ø 500 mm. Optional rear rollers, prices on the pages 128 ÷ 132.



Price of the machine with standard equipment

| WORKING WIDTH | NUMBER OF TINE | WEIGHT (KG) | NET PRICE |
|---------------|----------------|-------------|-----------|
| 3,0 m         | 15             | 920         |           |



Optional equipment

| REFLECTIVE PLATES (423 MM X 423 MM) | REFLECTIVE PLATES WITH A LED MARKER LAMP | WEIGHTS (80 KG) |
|-------------------------------------|------------------------------------------|-----------------|
|                                     |                                          |                 |

\*) option available only when purchasing the machine, it cannot be added later.

NET PRICE

| SW TINE STRENGTHENING* | GOOSEFOOT TO SW TINE 200 MM (PCS.) | MAINTENANCE-FREE ROLLER BEARING UNITS (PCS.)** |
|------------------------|------------------------------------|------------------------------------------------|
|                        |                                    |                                                |

\*\*) fittings made of spheroidal cast iron GGG50 with steel cover. Table with the number of bearing units on page 135.



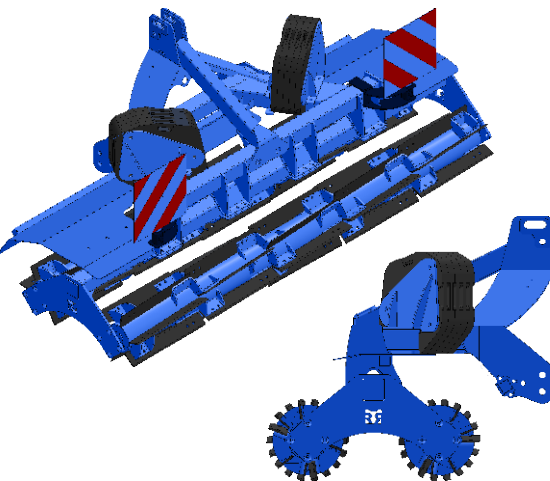
## ProCut knife roller on the front three-point linkage

(diagonal string roller with a Hardox steel blade)



Standard equipment

Two knife rollers with a diameter of 375 mm with replaceable blades made of Hardox steel, maintenance-free bearings.



Price of the machine with standard equipment

| WORKING WIDTH | WEIGHT* (KG) | NET PRICE |
|---------------|--------------|-----------|
| 3,0 m         | 1170         |           |

\*) weight of the machine without weights.



Optional equipment

| REFLECTIVE PLATES (423 MM X 423 MM) | REFLECTIVE PLATES WITH A LED MARKER LAMP | WEIGHTS (80 KG) |
|-------------------------------------|------------------------------------------|-----------------|
|                                     |                                          |                 |

NET PRICE



**Rolmako**

**The ProCut knife roller on the tractor's front three-point linkage**

**Replaceable double-sided knives  
made of Boron steel**

**Economic and effective  
alternative to a mulcher**

**Working speed  
up to 20 km/h**

**Two cutting rotors with  
a diameter of Ø 375 mm**

**Knife layout with the best  
cross-cutting effect**

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# Knife roller TurboCut

(Double knife roller or TurboCut Plus variant with disc section)

type

TurboCut



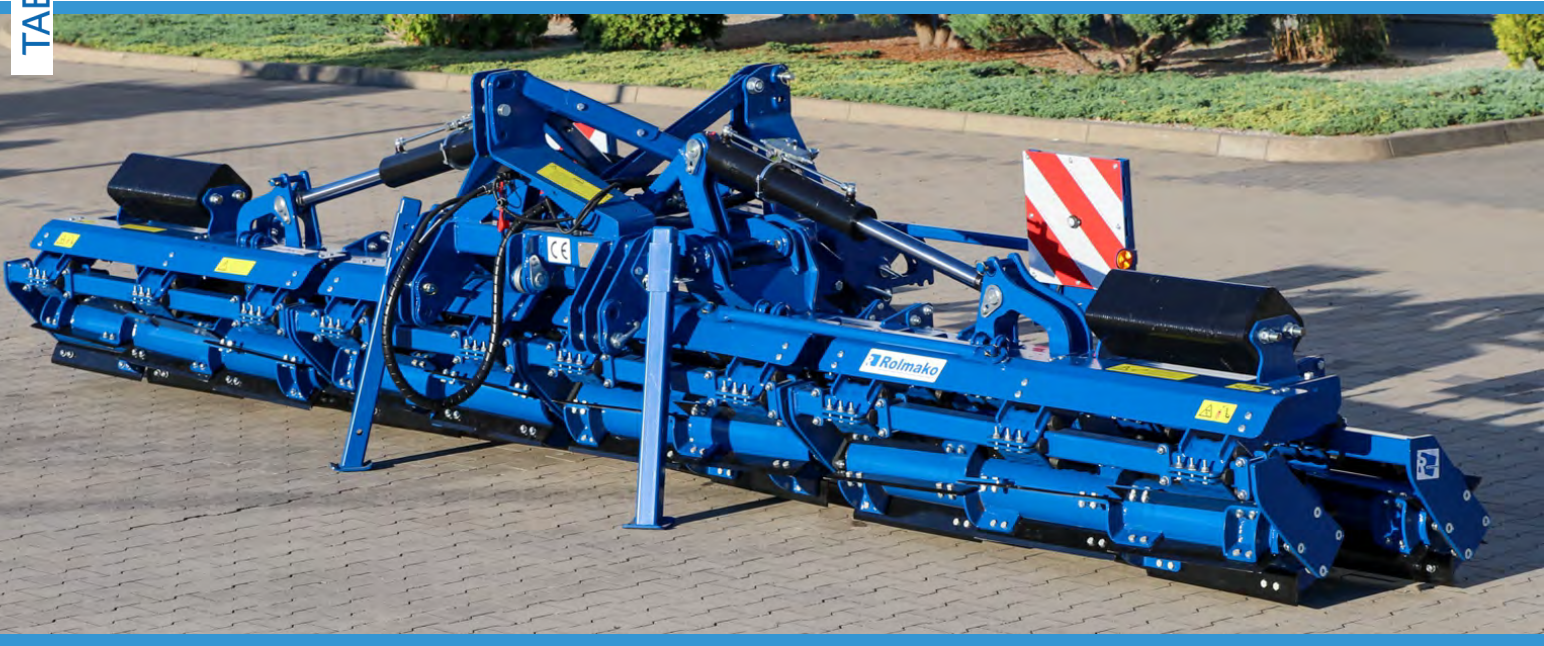
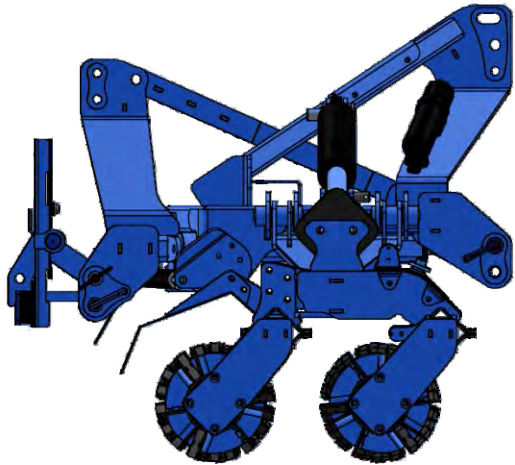
**TurboCut double knife roller – standard equipment**  
Turning frame with shock absorption, two knife rollers with a diameter of 375 mm with replaceable blades made of hardened boron steel, maintenance-free roller bearings, double hitch tower for the front or rear three-point linkage of the tractor, guards protecting the tractor against stones.



Price of the machine with standard equipment  
**TURBOCUT**

| WORKING WIDTH | NET PRICE |
|---------------|-----------|
| 4,0 m H       |           |
| 5,0 m H       |           |
| 6,0 m H       |           |

H – hydraulically folded machines, transport width not exceeding 3 m.



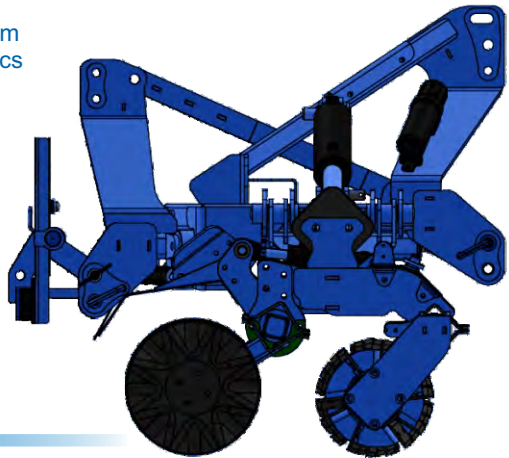
**TurboCut PLUS double knife roller – standard equipment**  
Turning frame with shock absorption, knife rollers with a diameter of 375 mm with replaceable blades made of hardened boron steel, a row of cutting discs with hydraulic adjustment of the working depth, maintenance-free roller bearings, double hitch tower for the front or rear three-point linkage of the tractor, guards protecting against stones.



Price of the machine with standard equipment  
**TURBOCUT PLUS**

| WORKING WIDTH | NET PRICE |
|---------------|-----------|
| 4,0 m H       |           |
| 5,0 m H       |           |
| 6,0 m H       |           |

H – hydraulically folded machines, transport width not exceeding 3 m.



Optional equipment (additional payment for the price of the machine with standard equipment)

|  | TURBOCUT NET PRICE | TURBOCUT PLUS NET PRICE |
|--|--------------------|-------------------------|
|--|--------------------|-------------------------|

|                                   |  |  |
|-----------------------------------|--|--|
| OFAS blades*                      |  |  |
| Spiral knife roller*              |  |  |
| Weights 320 kg                    |  |  |
| Reflective plates with lighting** |  |  |

\*) extra charge to the standard knife roller. Price x machine width.

\*\*) universal lighting may be used at the front and rear of the tractor.

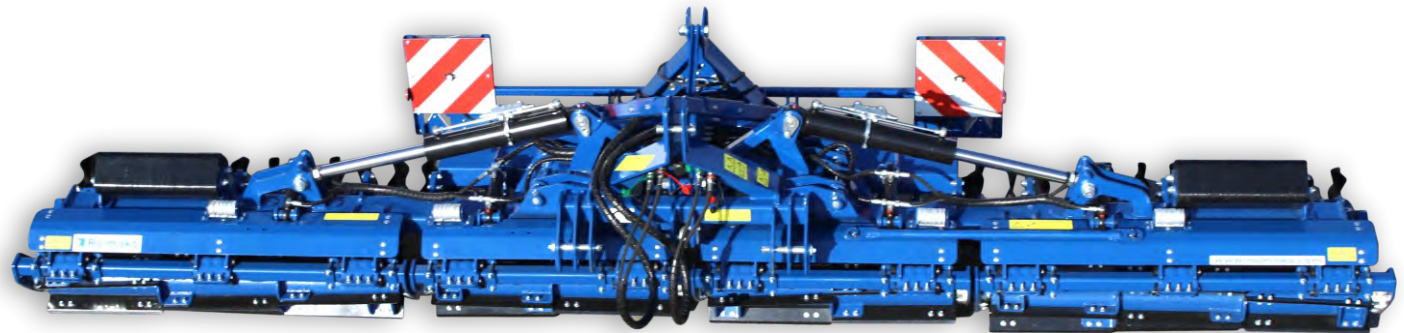


# Knife roller TurboCut

(Double knife roller or TurboCut Plus variant with disc section)

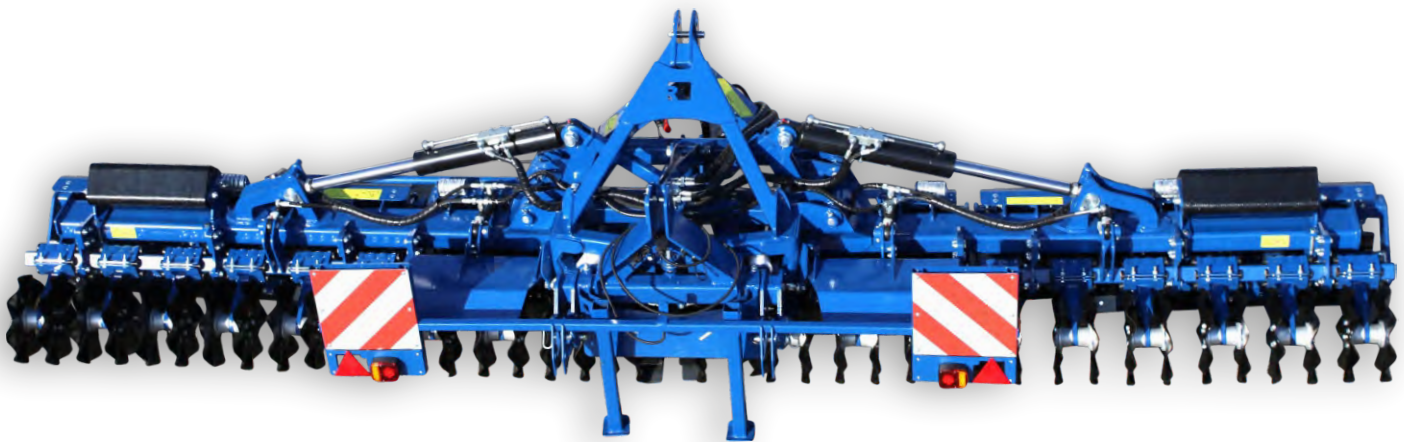
type

TurboCut



## Ultra-shallow soil tillage

The challenges posed to farmers by the changing climate, along with the new guidelines of the EU Common Agricultural Policy, make that the use of tools for ultra-smooth cultivation are increasingly in demand. Rolmako is constantly adapting to the new conditions by presenting an entire range of such machines for soil cultivation. Every undesirable plant in the field means a loss of precious water, which in dry seasons is worth its weight in gold. At a time when crops are increasingly suffering from drought, we cannot afford to infest the plantations. Weeds and self-seeding are serious competition not only when fighting for water, but also for light, space, and nutrients. Therefore, reducing them should be our aim from the moment the pre-crop is harvested.



| Technical data |                         |              |              |
|----------------|-------------------------|--------------|--------------|
| WORKING WIDTH  | POWER DEMAND (HP)*      | WEIGHT(kg)** | WEIGHT(kg)** |
|                | TURBOCUT/ TURBOCUT PLUS | TURBOCUT     | TURBOCUTPLUS |
| 4,0 m H        | 120/130                 | 2490         | 2610         |
| 5,0 m H        | 140/160                 | 2700         | 2850         |
| 6,0 m H        | 160/190                 | 2910         | 3090         |

H – hydraulically folded machines, transport width not exceeding 3 m.

\*) minimum power demand may significantly vary depending on the equipment and soil conditions.

\*\*) weight of the machine with standard equipment.





# Seedbed cultivator

type  
**U 382**



### Standard equipment

Front diagonal string bar roller Ø 320 mm, four rows of tines SU 32x12 mm with reinforcement, coulter with dimensions of 35x200x5 mm, double rear roller Ø 320 mm with string cogged bars and with pressure adjustment. The cultivator rollers are equipped with maintenance-free bearing units. Standard diagonal string roller can be replaced with the optional front drag.



### Price of the machine with standard equipment

| WORKING WIDTH | NET PRICE |
|---------------|-----------|
| 3,0 m         |           |
| 3,5 m         |           |
| 4,0 m         |           |
| 4,0 m H       |           |
| 4,5 m H       |           |
| 5,0 m H       |           |
| 5,5 m H       |           |
| 6,0 m H       |           |



### Optional equipment (surcharge to the price of the machine with standard equipment)

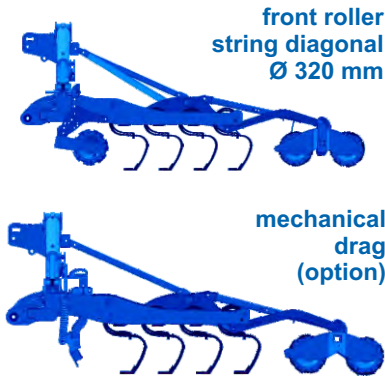
|                                                            | NET PRICE |
|------------------------------------------------------------|-----------|
| Straight tine with reinforcement (pc.)                     |           |
| Coulter with a width of 100 mm (pc.)*                      |           |
| Tractors track looseners (set)                             |           |
| Hydraulic arm lock during transport**                      |           |
| Mechanical drag instead of front string roller             |           |
| Side leveling shields                                      |           |
| Front reflective plates (423 mm x 423 mm)                  |           |
| Rear LED lighting beam for cultivators with rigid frame    |           |
| Rear LED lighting beam for cultivators with foldable frame |           |

\*) option available only for deflected SU tine.  
\*\*) mechanical lock of the seedbed cultivator arms as standard.



### Specifications

| WORKING WIDTH | NUMBER OF TINES | POWER DEMAND (KM)* | WEIGHT (kg)** |
|---------------|-----------------|--------------------|---------------|
| 3,0 m         | 30              | 80                 | 715           |
| 3,5 m         | 35              | 85                 | 790           |
| 4,0 m         | 40              | 90                 | 885           |
| 4,0 m H       | 41              | 90                 | 1520          |
| 4,5 m H       | 45              | 100                | 1600          |
| 5,0 m H       | 51              | 120                | 1680          |
| 5,5 m H       | 55              | 140                | 1785          |
| 6,0 m H       | 61              | 160                | 1890          |



H - hydraulic folding machines, transport width does not exceed 3 m.  
\*) minimum power demand can vary greatly depending on the equipment and soil conditions.  
\*\*) weight of the machine with standard equipment.

### Our photo gallery:



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[www.flickr.com/rolmako](http://www.flickr.com/rolmako)



[www.instagram.com/rolmako](http://www.instagram.com/rolmako)



# Seedbed cultivator

type  
**U 659**



### Standard equipment

Hitching beam, front string diagonal roller Ø 325mm, two rows of deflected tines, two hydraulic actuators lift for seeder, supports for the seeder wheels, rear pipe roller Ø 450mm.



### Price of the machine with standard equipment

| WORKING WIDTH | NET PRICE |
|---------------|-----------|
| 2,5 m         |           |
| 2,7 m         |           |
| 3,0 m         |           |
| 4,0 m         |           |



### Optional equipment (surcharge to the price of the machine with standard equipment)

| Cultivator's tine                             | NET PRICE |
|-----------------------------------------------|-----------|
| Straight SU 32x12 tine (SET)                  |           |
| Three rows of tines*                          |           |
| Maintenance-free roller bearing unit (pc.):** |           |

\*) option available only for machines with straight SU tine.  
\*\*) fittings made of spheroidal cast iron GGG50 with steel cover. Table with the number of bearing units on page 135.



### Optional rear rollers Prices on the pages 128 ÷ 132

- string roller with flat bars Ø 460 mm
- string roller with cogged bars Ø 460 mm
- Packer cogged roller Ø 460 mm
- tubular-ring roller Ø 450 mm
- Crosskill roller Ø 400 mm
- spring roller Ø 470 mm



## Seedbed cultivator U659 with a working width of 4,0 m



### Specifications

| WORKING WIDTH | NUMBER OF TINES | POWER DEMAND (HP)* | WEIGHT (kg)** |
|---------------|-----------------|--------------------|---------------|
| 2,5 m         | 17              | 70                 | 730           |
| 2,7 m         | 19              | 75                 | 790           |
| 3,0 m         | 21              | 80                 | 870           |
| 4,0 m         | 26              | 115                | 1080          |

\*) minimum power demand can vary greatly depending on the equipment and soil conditions.  
\*\*) weight of the machine with standard equipment.





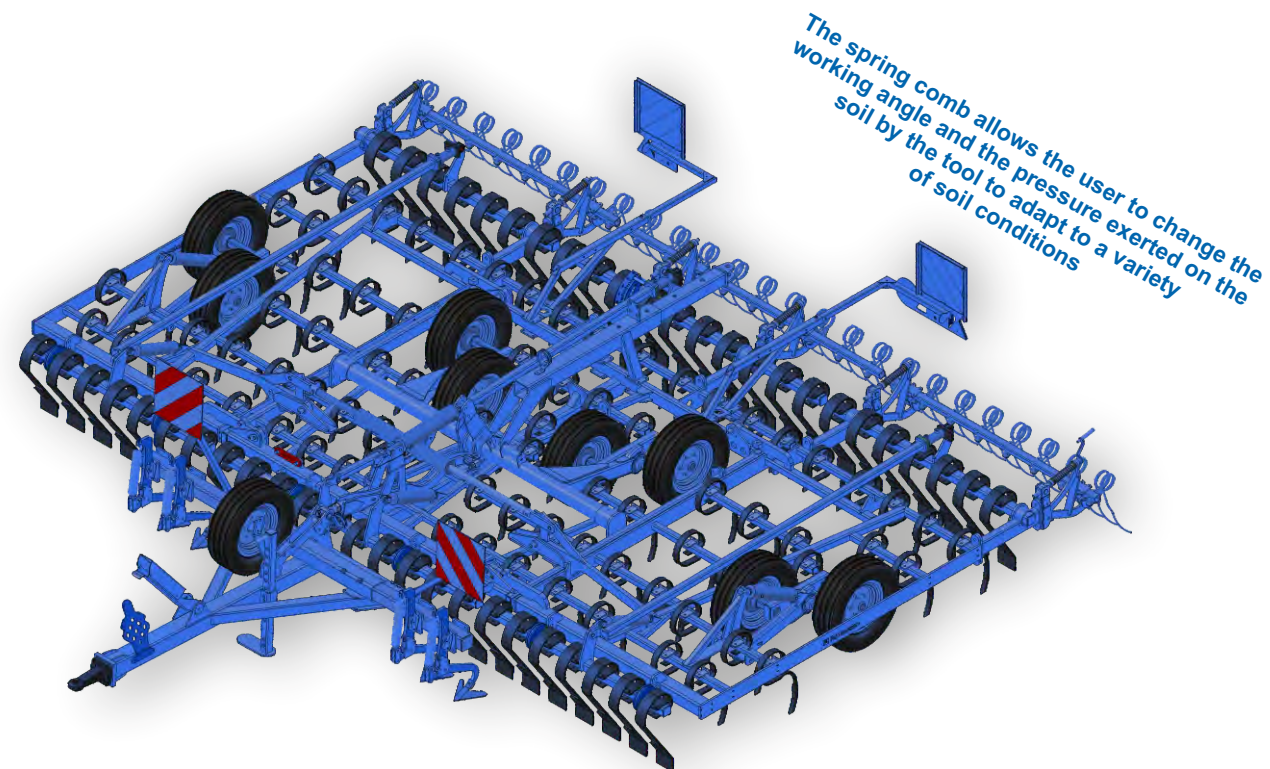




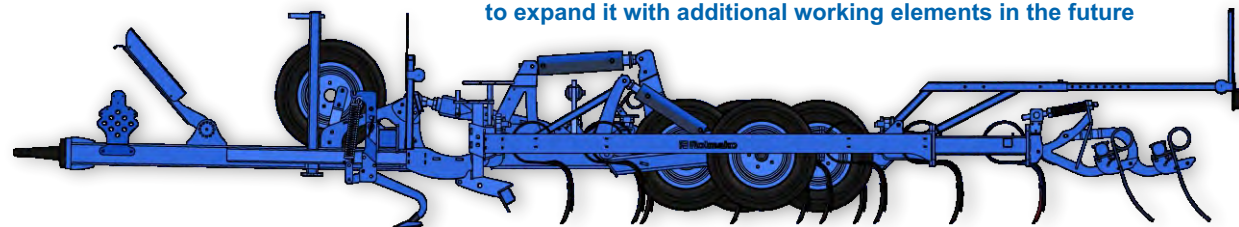
## A trailed pre-sowing cultivator VibroSTAR

typ  
**U 445**

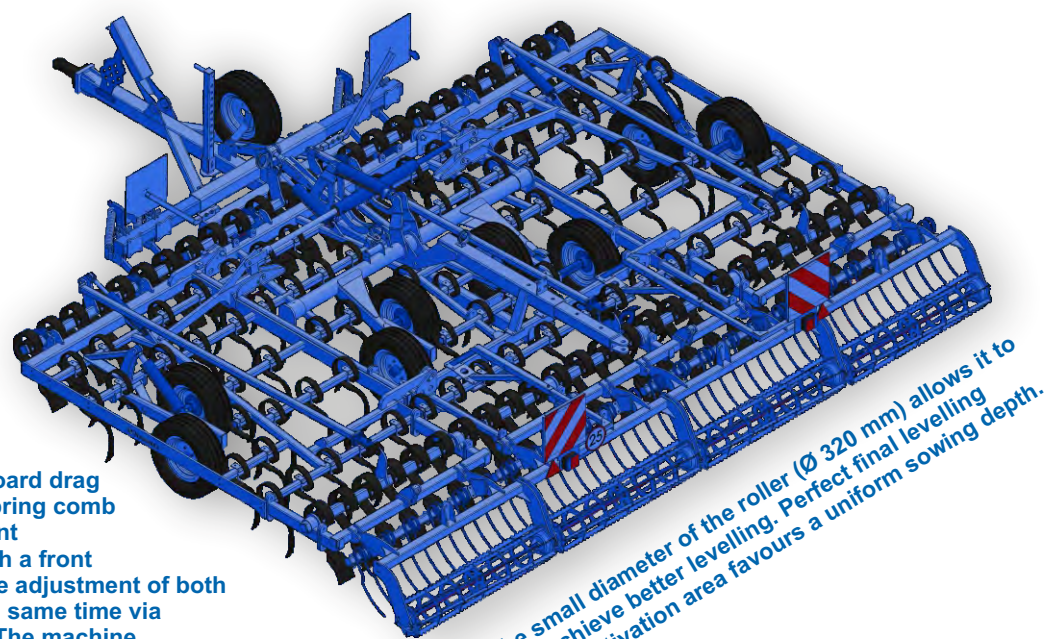
The modular structure of the cultivator allows the user to expand it with additional working elements in the future



The modular structure of the cultivator enables the user to expand it with additional working elements in the future



Crossboard reinforced front drag, 6 tine rows, beam with a double spring comb



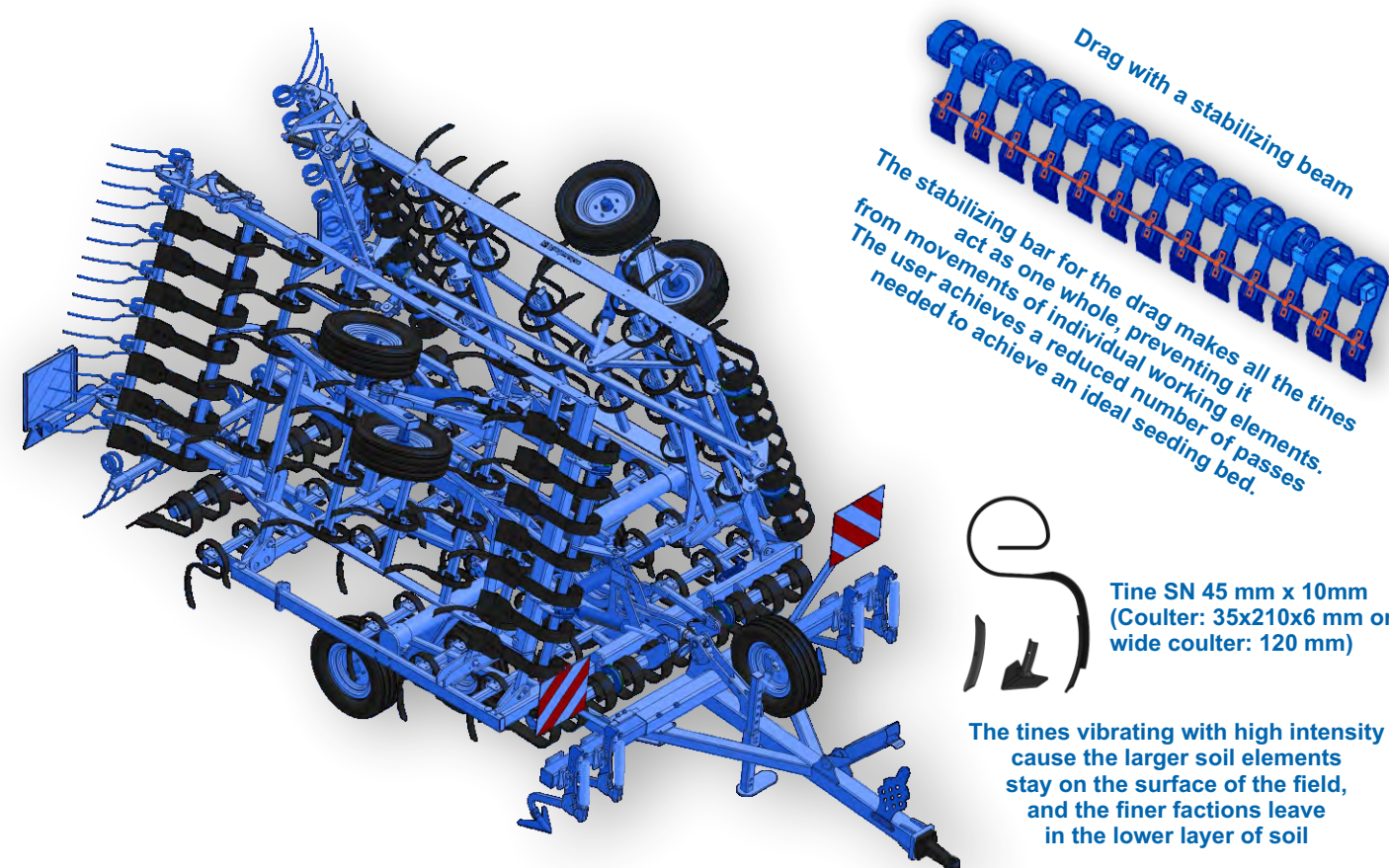
VibroSTAR 6.0 m cultivator (after the tines of the Crossboard drag with hydraulic adjustment, spring comb and string roller). In the variant of the cultivator equipped with a front and rear Crossboard drag, the adjustment of both of the tools takes place at the same time via the same hydraulic cylinder. The machine in this combination, as standard is equipped with an additional hydraulic cylinder correcting the position of the rear drag relative to the front one.

The small diameter of the roller (Ø 320 mm) allows it to achieve better levelling. Perfect final levelling of the cultivation area favours a uniform sowing depth.

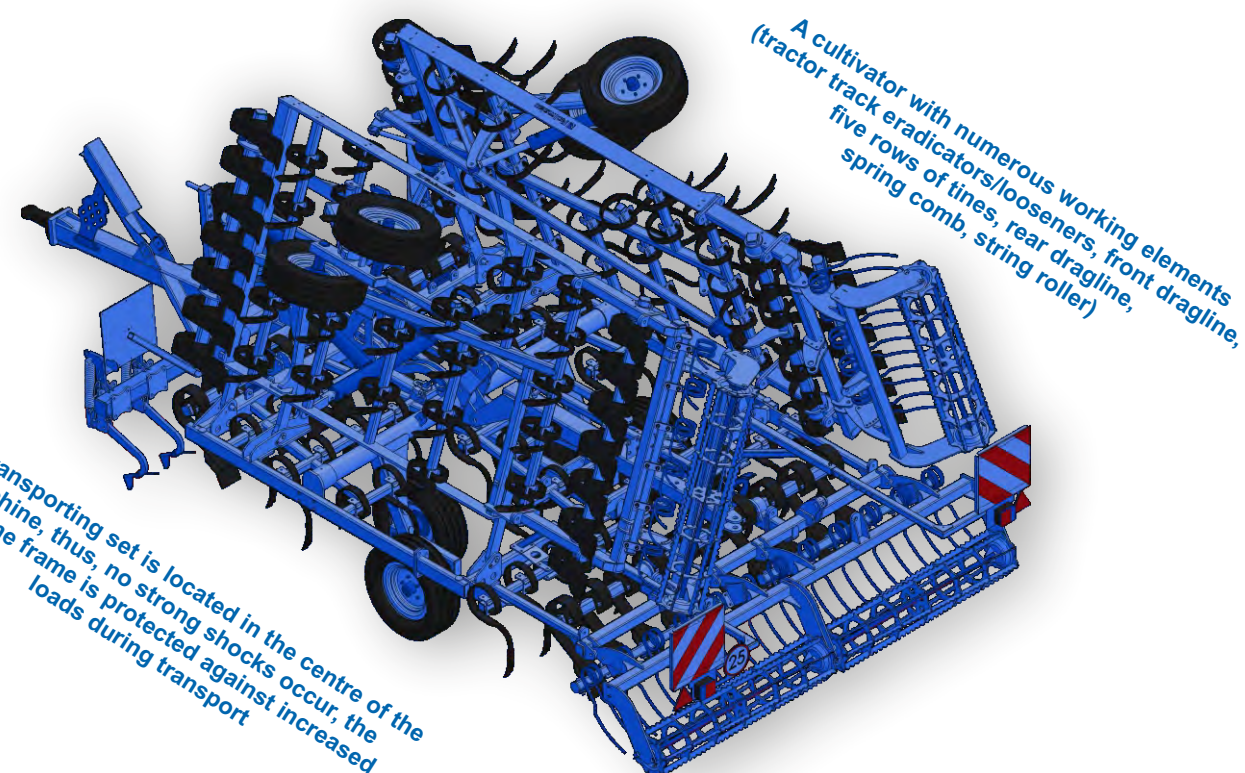


## A trailed pre-sowing cultivator VibroSTAR

typ  
**U 445**



The combination of high ground clearance and increased spacing between the tine rows makes the VibroSTAR a versatile pre-sowing cultivator available in several configurations of its equipment. The properly designed load-bearing system along with the ground contouring system, consists of wheels with the size of 200/60x14.5 14PR, which control the working depth of the cultivator. The displacement of the supporting wheels in relation to the central wheels on the frame of the cultivator is designed to keep its constant position in relation to the ground; the tines from all the beams then cultivate the soil at the given working depth.



The transporting set is located in the centre of the machine, thus, no strong shocks occur, the machine frame is protected against increased loads during transport



R

Compact tillage cultivator

type  
U 684



Standard equipment

Front drag, front string roller with flat bars Ø 450 mm, basic version with four rows of tines (choice of **SU** or **SA** tine) or two rows of tines (choice of **SG** or **SX** tine), side covers, rear pipe roller Ø 450mm, rear drag. The trailed basic version has looseners of tractor traces, transport carriage on the wheels of 400/60-15,5 equipped with mudguards.



Cultivator with the **SU** tine 32x12mm with reinforcement, coulter 35x200x5mm (four rows of tines)

| WORKING WIDTH | mounted version<br>NET PRICE | trailed version<br>NET PRICE |
|---------------|------------------------------|------------------------------|
| 2,5 m         |                              |                              |
| 3,0 m         |                              |                              |
| 4,0 m         |                              |                              |
| 4,0 m H       |                              |                              |
| 4,5 m H       |                              |                              |
| 5,0 m H       |                              |                              |
| 6,0 m H       |                              |                              |

H - hydraulic folding machines, transport width does not exceed 3 m.



Cultivator with the **SA** tine 45x12mm, coulter 40x215x6mm (four rows of tines)

| WORKING WIDTH | mounted version<br>NET PRICE | trailed version<br>NET PRICE |
|---------------|------------------------------|------------------------------|
| 2,5 m         |                              |                              |
| 3,0 m         |                              |                              |
| 4,0 m         |                              |                              |
| 4,0 m H       |                              |                              |
| 4,5 m H       |                              |                              |
| 5,0 m H       |                              |                              |
| 6,0 m H       |                              |                              |

H - hydraulic folding machines, transport width does not exceed 3 m.

Additional reinforcement for the **SA** tine (option)

| WORKING WIDTH | mounted version<br>NET PRICE | trailed version<br>NET PRICE |
|---------------|------------------------------|------------------------------|
| 2,5 m         |                              |                              |
| 3,0 m         |                              |                              |
| 4,0 m/4,0m H  |                              |                              |
| 4,5 m H       |                              |                              |
| 5,0 m H       |                              |                              |
| 6,0 m H       | x                            |                              |

H - hydraulic folding machines, transport width does not exceed 3 m.

R

Compact tillage cultivator

type  
U 684



Cultivator with the **SG** tine and with the spring plough beam 25x25mm, coulter width of 260mm (two rows of tines)

| WORKING WIDTH | mounted version<br>NET PRICE | trailed version<br>NET PRICE |
|---------------|------------------------------|------------------------------|
| 2,5 m         |                              |                              |
| 3,0 m         |                              |                              |
| 4,0 m         |                              |                              |
| 4,0 m H       |                              |                              |
| 4,5 m H       |                              |                              |
| 5,0 m H       |                              |                              |
| 6,0 m H       |                              |                              |

H - hydraulic folding machines, transport width does not exceed 3 m.



Cultivator with the **SX** tine and with reinforced double spring 50x10mm ended with a coulter of 260mm width (two rows of tines)

| WORKING WIDTH | mounted version<br>NET PRICE | trailed version<br>NET PRICE |
|---------------|------------------------------|------------------------------|
| 2,5 m         |                              |                              |
| 3,0 m         |                              |                              |
| 4,0 m         |                              |                              |
| 4,0 m H       |                              |                              |
| 4,5 m H       |                              |                              |
| 5,0 m H       |                              |                              |
| 6,0 m H       |                              |                              |

H - hydraulic folding machines, transport width does not exceed 3 m.



Optional equipment (surcharge to the price of the machine with standard equipment)

|                                                                  | NET PRICE |
|------------------------------------------------------------------|-----------|
| Front pipe roller Ø 450 mm (1m x width)*                         |           |
| Coupler (hitch) for the accompanying machine (e.g. for seeder)** |           |
| Pneumatic brake                                                  |           |
| Hydraulic brake                                                  |           |
| Front reflective plates (mounted machines)                       |           |
| Front LED lighting beam (trailed machines)                       |           |
| Rear LED lighting beam                                           |           |
| Backlit license plate frame                                      |           |
| Maintenance-free roller bearing unit (pc.)***                    |           |

\*) to replace the standard front string flat bars roller Ø 450 mm.

\*\*) available only for trailed machines.

\*\*\*) fittings made of spheroidal cast iron GGG50 with steel cover. Table with the number of bearing units on page 135.



Optional rear rollers Prices on the pages 128 ÷ 132

string roller with flat bars Ø 460 mm, string roller with cogged bars Ø 460 mm, Packer cogged roller Ø 460 mm, Crosskill roller Ø 400 mm, prismatic roller ORION Ø 500 mm.



| Specifications |                                    |                       | mounted version<br>WEIGHT<br>(kg)** | trailed version<br>WEIGHT<br>(kg)** |
|----------------|------------------------------------|-----------------------|-------------------------------------|-------------------------------------|
| WORKING WIDTH  | NUMBER OF TINES<br>SU, SA / SG, SX | POWER<br>DEMAND (HP)* |                                     |                                     |
| 2,5 m          | 25 / 11                            | 75                    | 1150                                | x                                   |
| 3,0 m          | 30 / 13                            | 95                    | 1250                                | 2150                                |
| 4,0 m          | 39 / 18                            | 125                   | 1620                                | 2520                                |
| 4,0 m H        | 39 / 18                            | 125                   | 1850                                | 2750                                |
| 4,5 m H        | 45 / 20                            | 150                   | 2130                                | 3030                                |
| 5,0 m H        | 50 / 23                            | 165                   | x                                   | 3350                                |
| 6,0 m H        | 60 / 27                            | 180                   | x                                   | 3990                                |

H - hydraulic folding machines, transport width does not exceed 3 m.

\*) minimum power demand can vary greatly depending on the equipment and soil conditions.

\*\*) weight of the machine with standard equipment.





# Compact tillage cultivator

type

U 684 PRO



## Standard equipment

Front drag, front string roller with flat bars Ø 450 mm, basic version with four rows of tines (choice of SU or SA tine) or two rows of tines (choice of SG or SX tine), side covers, rear double Crosskill roller Ø 400 mm. The trailed basic version has looseners of tractor traces, transport carriage on the wheels of 400/60-15.5 equipped with mudguards.



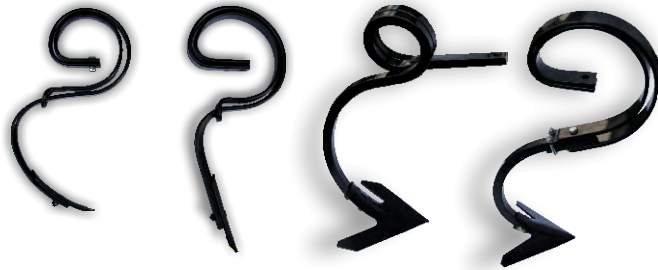
Compact seedbed cultivator U 684 PRO with a working width of 6.0 m

SU tine

SA tine

SG tine

SX tine



Four options of the machine, SU and SA tines are arranged in 4 rows, however, SG and SX tines are attached in 2 rows



## Cultivator with the SU tine 32x12mm with reinforcement, coulter 35x200x5mm (four rows of tines)

| WORKING WIDTH | mounted version<br>NET PRICE | trailed version<br>NET PRICE |
|---------------|------------------------------|------------------------------|
| 2,5 m         |                              |                              |
| 3,0 m         |                              |                              |
| 4,0 m         |                              |                              |
| 4,0 m H       |                              |                              |
| 4,5 m H       |                              |                              |
| 5,0 m H       |                              |                              |
| 6,0 m H       |                              |                              |

H - hydraulic folding machines, transport width does not exceed 3 m.



## Cultivator with the SA tine 45x12mm, coulter 40x215x6mm (four rows of tines)

| WORKING WIDTH | mounted version<br>NET PRICE | trailed version<br>NET PRICE |
|---------------|------------------------------|------------------------------|
| 2,5 m         |                              |                              |
| 3,0 m         |                              |                              |
| 4,0 m         |                              |                              |
| 4,0 m H       |                              |                              |
| 4,5 m H       |                              |                              |
| 5,0 m H       |                              |                              |
| 6,0 m H       |                              |                              |

H - hydraulic folding machines, transport width does not exceed 3 m.

## Additional reinforcement for the SA tine (option)

| WORKING WIDTH | mounted version<br>NET PRICE | trailed version<br>NET PRICE |
|---------------|------------------------------|------------------------------|
| 2,5 m         |                              |                              |
| 3,0 m         |                              |                              |
| 4,0 m/4,0m H  |                              |                              |
| 4,5 m H       |                              |                              |
| 5,0 m H       |                              |                              |
| 6,0 m H       | x                            |                              |

H - hydraulic folding machines, transport width does not exceed 3 m.



# Compact tillage cultivator

type

U 684 PRO



## Cultivator with the SG tine and with the spring plough beam 25x25mm, coulter width of 260mm (two rows of tines)

| WORKING WIDTH | mounted version<br>NET PRICE | trailed version<br>NET PRICE |
|---------------|------------------------------|------------------------------|
| 2,5 m         |                              |                              |
| 3,0 m         |                              |                              |
| 4,0 m         |                              |                              |
| 4,0 m H       |                              |                              |
| 4,5 m H       |                              |                              |
| 5,0 m H       |                              |                              |
| 6,0 m H       |                              |                              |

H - hydraulic folding machines, transport width does not exceed 3 m.



## Cultivator with the SX tine and with reinforced double spring 50x10mm ended with a coulter of 260mm width (two rows of tines)

| WORKING WIDTH | mounted version<br>NET PRICE | trailed version<br>NET PRICE |
|---------------|------------------------------|------------------------------|
| 2,5 m         |                              |                              |
| 3,0 m         |                              |                              |
| 4,0 m         |                              |                              |
| 4,0 m H       |                              |                              |
| 4,5 m H       |                              |                              |
| 5,0 m H       |                              |                              |
| 6,0 m H       |                              |                              |

H - hydraulic folding machines, transport width does not exceed 3 m.



## Optional equipment (surcharge to the price of the machine with standard equipment)

| WORKING WIDTH | NET PRICE | WORKING WIDTH | NET PRICE |
|---------------|-----------|---------------|-----------|
| 2,5 m         |           | 2,5 m         |           |
| 3,0 m         |           | 3,0 m         |           |
| 4,0 m         |           | 4,0 m         |           |
| 4,0 m H       |           | 4,0 m H       |           |
| 4,5 m H       |           | 4,5 m H       |           |
| 5,0 m H       |           | 5,0 m H       |           |
| 6,0 m H       |           | 6,0 m H       |           |

\*) an additional roller behind the Tandem-Crosskill roller, equipped with maintenance-free bearings as standard.

## Other available options

|                                               | NET PRICE |
|-----------------------------------------------|-----------|
| Front pipe roller Ø 450 mm (1m x width)*      |           |
| Rear drag behind the roller (1m x width)**    |           |
| Pneumatic brake                               |           |
| Hydraulic brake                               |           |
| Front reflective plates (mounted machines)    |           |
| Front LED lighting beam (trailed machines)    |           |
| Rear LED lighting beam                        |           |
| Backlit license plate frame                   |           |
| Maintenance-free roller bearing unit (pc.)*** |           |

\*) to replace the standard front string flat bars roller Ø 450 mm.

\*\*) the option cannot be connected with Finisher string roller Ø 270 mm.

\*\*\*) fittings made of spheroidal cast iron GGG50 with steel cover. Table with the number of bearing units on page 135.



## Specifications

| WORKING WIDTH | NUMBER OF TINES<br>SU, SA / SG, SX | POWER DEMAND (HP)* | mounted version<br>WEIGHT (kg)** | trailed version<br>WEIGHT (kg)** |
|---------------|------------------------------------|--------------------|----------------------------------|----------------------------------|
| 2,5 m         | 25 / 11                            | 75                 | 1410                             | x                                |
| 3,0 m         | 30 / 13                            | 95                 | 1565                             | 2465                             |
| 4,0 m         | 39 / 18                            | 125                | 2040                             | 2940                             |
| 4,0 m H       | 39 / 18                            | 125                | 2270                             | 3170                             |
| 4,5 m H       | 45 / 20                            | 150                | 2600                             | 3500                             |
| 5,0 m H       | 50 / 23                            | 165                | x                                | 3875                             |
| 6,0 m H       | 60 / 27                            | 180                | x                                | 4620                             |

H - hydraulic folding machines, transport width does not exceed 3 m.

\*) minimum power demand can vary greatly depending on the equipment and soil conditions.

\*\*) weight of the machine with standard equipment.





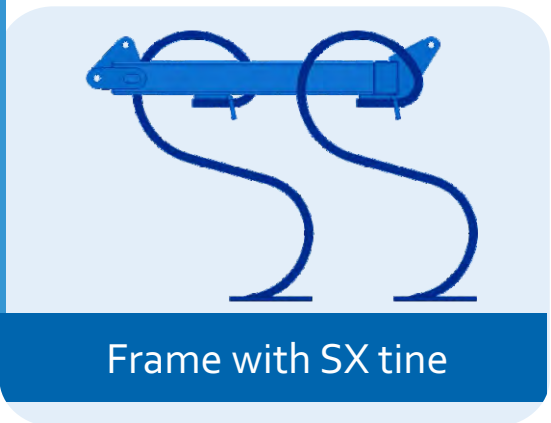
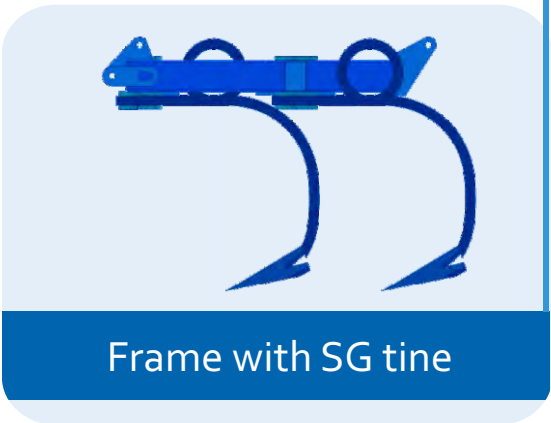
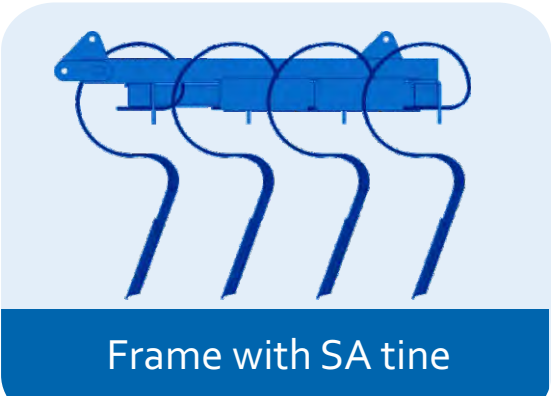
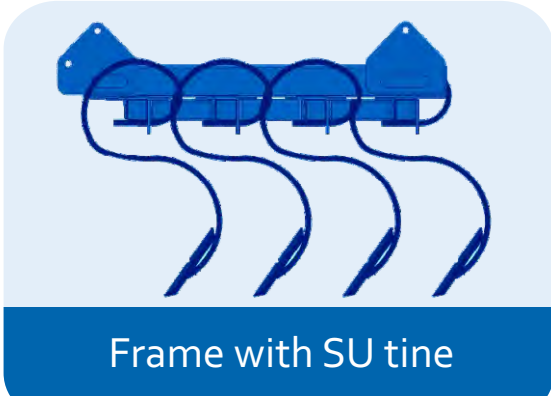
Replaceable frames with working elements

type  
**U 684** **U 684 PRO**



Standard equipment

As standard, the compact tillage cultivator U 684 is supplied complete with four rows of **SU**, **SA** tines or two rows of **SG**, **SX** tines. The purchase of an additional frame with tines makes the machine more universal, allowing quick conversion of the cultivator from spring to autumn cultivation.



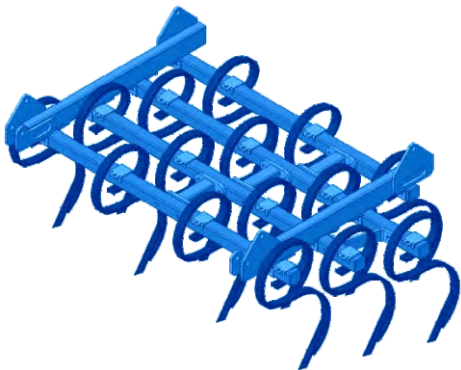
Replaceable frames with working elements

type  
**U 684** **U 684 PRO**



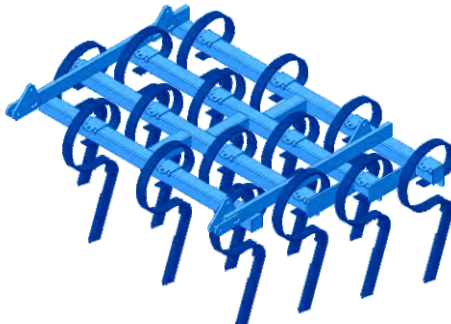
Frame with SU 32x12mm tine with reinforcement, coulter 35x200x5mm (four rows of tines)

| WORKING WIDTH | NUMBER SU TINES | NET PRICE |
|---------------|-----------------|-----------|
| 2,5 m         | 25              |           |
| 3,0 m         | 30              |           |
| 4,0 m         | 39              |           |
| 4,0 m H       | 39              |           |
| 4,5 m H       | 45              |           |
| 5,0 m H       | 50              |           |
| 6,0 m H       | 60              |           |



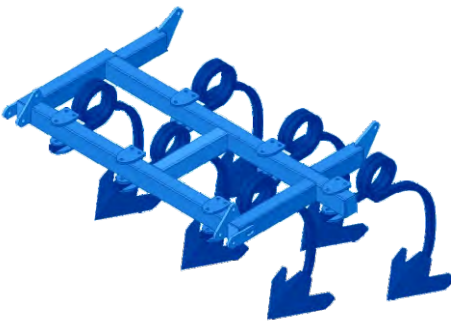
Frame with SA 45x12mm tine, coulter 40x215x6mm (four rows of tines)

| WORKING WIDTH | NUMBER SA TINES | NET PRICE |
|---------------|-----------------|-----------|
| 2,5 m         | 25              |           |
| 3,0 m         | 30              |           |
| 4,0 m         | 39              |           |
| 4,0 m H       | 39              |           |
| 4,5 m H       | 45              |           |
| 5,0 m H       | 50              |           |
| 6,0 m H       | 60              |           |



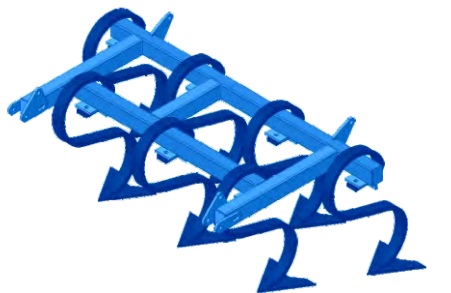
Frame with SG tine with spring plough beam 25x25mm, coulter 260mm wide (two rows of tines)

| WORKING WIDTH | NUMBER SG TINES | NET PRICE |
|---------------|-----------------|-----------|
| 2,5 m         | 11              |           |
| 3,0 m         | 13              |           |
| 4,0 m         | 18              |           |
| 4,0 m H       | 18              |           |
| 4,5 m H       | 20              |           |
| 5,0 m H       | 23              |           |
| 6,0 m H       | 27              |           |



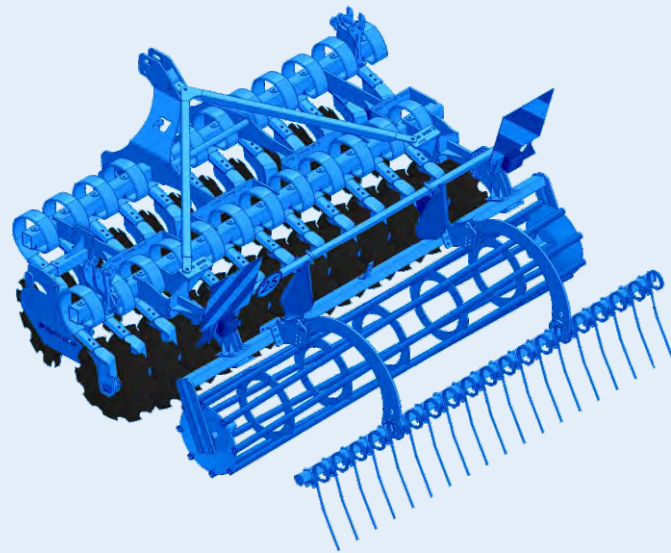
Frame with SX tine with reinforced double spring 50x10mm ended with 260mm wide coulter (two rows of tines)

| WORKING WIDTH | NUMBER SX TINES | NET PRICE |
|---------------|-----------------|-----------|
| 2,5 m         | 11              |           |
| 3,0 m         | 13              |           |
| 4,0 m         | 18              |           |
| 4,0 m H       | 18              |           |
| 4,5 m H       | 20              |           |
| 5,0 m H       | 23              |           |
| 6,0 m H       | 27              |           |





### Division of disc harrows by the model



Light disc harrow U 622

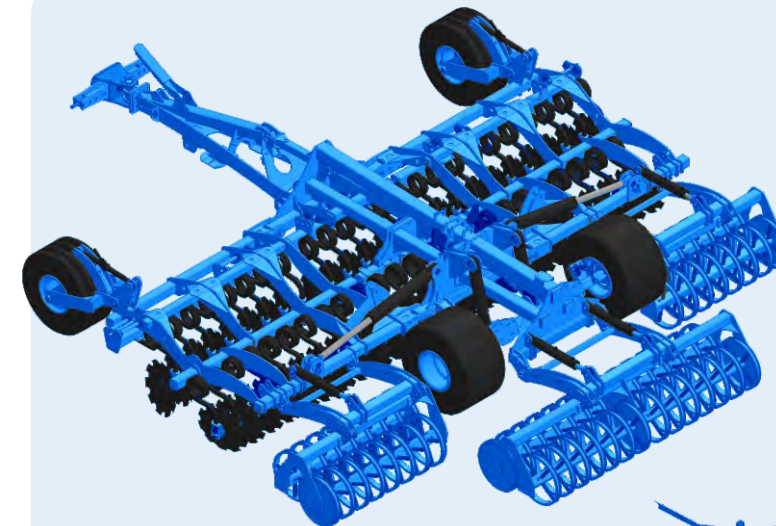


Disc cultivator U 693

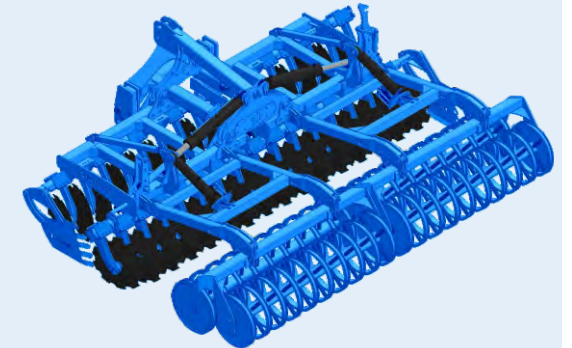


Disc harrow for vineyards and orchards U 645

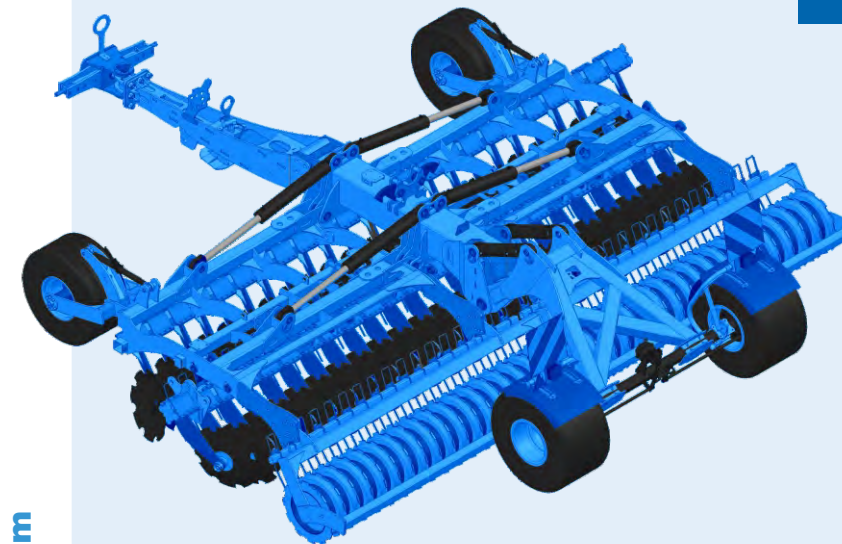
### Division of disc harrows by the model



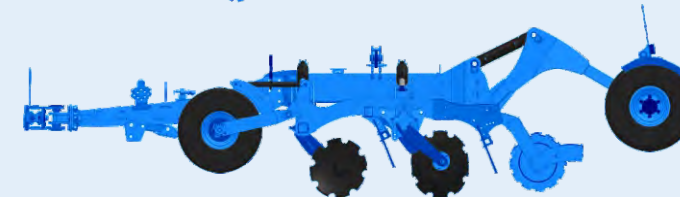
Disc harrow U 652



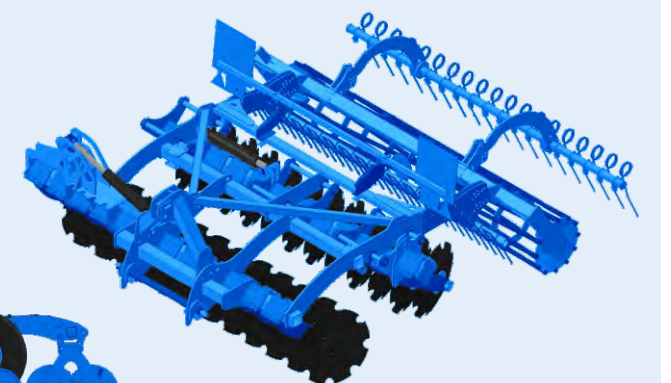
Heavy stubble harrow U 671



U 671 Standard



U 671 PRO



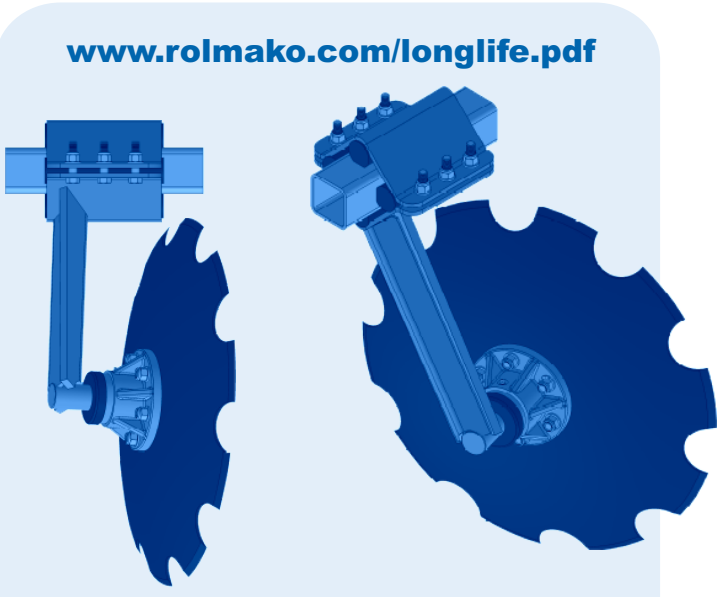


Disc harrows divided by the type of shock absorbers used



13 x 100 mm spring shock absorber  
used in U 622

**Working width: 2,7/3,0/3,5/4,0 m**  
- disc with diameter of 510 or 560 mm  
- standard disc bearings  
or maintenance-free hubs



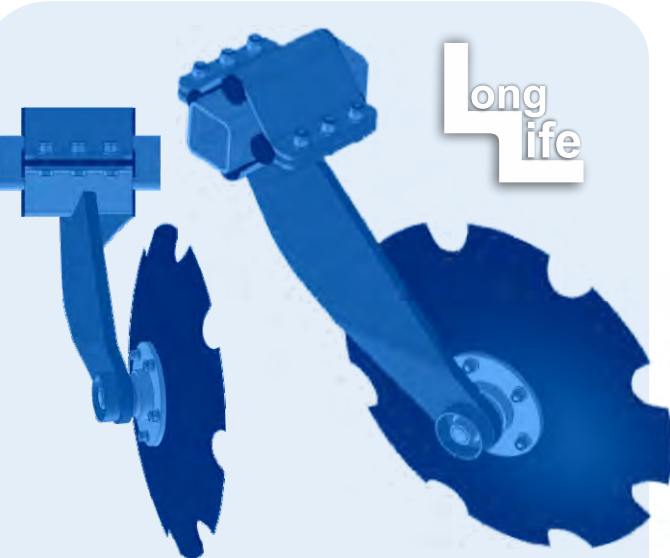
40x180 mm rubber shock absorber  
used in U 693, U 652\* and U 645

**Working width**  
**U645: 1,25/1,5/1,75/2,0 m**  
- distance between rows of discs: 80 cm  
**U693: 2,7/3,0/3,5/4,0/4,5/5,0/6,0 m, BigField 8,0 m**  
- distance between rows of discs: 70 cm  
- disc with diameter of 510 or 560 mm  
- standard disc bearings or maintenance-free hubs  
\*) distance, diameters and other parameters as at the 3D shock absorber.



35x35 mm 3D spring shock absorber,  
used in U 652 disc harrow

**Working width: 3,0/3,5/4,0/5,0/6,0 m, BigField 8,0 m**  
- disc with diameter of 560 mm  
- maintenance-free disc hubs  
- distance between rows of discs: 90 cm



50x210 mm rubber shock absorber  
used in U 671, U 671 PRO machines

**Working width: 3,0/3,5/4,0/5,0/6,0 m, BigField 8,0 m**  
- disc with diameter of 620 mm  
- maintenance-free disc hubs  
- distance between rows of discs: 105 cm

Four variants of disc shock absorbers



Light disc harrow

(spring shock absorber 13 mm x 100 mm)

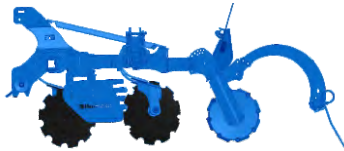
type  
**U 622**



**Standard equipment**  
Toothed disc with a diameter of 510 mm made of boron steel 45-48 HRC, ZVL PREMIUM tapered discs bearing, (lubrication every 150 ha for 3,0 m machine width) spring shock absorber and pipe roller Ø 500 mm.  
On Customer's request, smooth disc or fine toothed disc can be mounted.



| Prices for the machines with standard equipment |           |
|-------------------------------------------------|-----------|
| WORKING WIDTH                                   | NET PRICE |
| 2,7 m                                           |           |
| 3,0 m                                           |           |
| 3,5 m                                           |           |
| 4,0 m                                           |           |



**Optional equipment (surcharge to the price of the machine with standard equipment)**

| Discs with a diameter of 560 mm (boron steel 45-48 HRC) |           |
|---------------------------------------------------------|-----------|
| WORKING WIDTH                                           | NET PRICE |
| 2,7 m/ 3,0 m                                            |           |
| 3,5 m                                                   |           |
| 4,0 m                                                   |           |



| Discs OFAS Italy (hardness 48-52 HRC) |           | diameter 510 mm | diameter 560 mm |
|---------------------------------------|-----------|-----------------|-----------------|
| WORKING WIDTH                         | NET PRICE | NET PRICE       | NET PRICE       |
| 2,7 m/ 3,0 m                          |           |                 |                 |
| 3,5 m                                 |           |                 |                 |
| 4,0 m                                 |           |                 |                 |

| Disc bearing  | tapered bearings SKF* | maintenance-free Agrihub hub | hub EXTREME** |
|---------------|-----------------------|------------------------------|---------------|
| WORKING WIDTH | NET PRICE             | NET PRICE                    | NET PRICE     |
| 2,7 m/ 3,0 m  |                       |                              |               |
| 3,5 m         |                       |                              |               |
| 4,0 m         |                       |                              |               |

| Spring comb beam |           |
|------------------|-----------|
| WORKING WIDTH    | NET PRICE |
| 2,7 m/ 3,0 m     |           |
| 3,5 m            |           |
| 4,0 m            |           |

| Other available options                     |  |
|---------------------------------------------|--|
| ALFA disc 560 mm x 5 mm (pc.)               |  |
| Delimbe aftercrop seeder                    |  |
| APV aftercrop seeder                        |  |
| Side leveling screen                        |  |
| Front reflective plates (mounted machines)  |  |
| Rear LED lighting beam                      |  |
| Maintenance-free roller bearing unit (pc.)* |  |

\*) fittings made of spheroidal cast iron GGG50 with steel cover. Table with the number of bearing units on page 135.



**Optional rear rollers** Prices on the pages 128 ÷ 132  
string roller with flat bars Ø 460 mm, string roller with cogged bars Ø 460 mm, Packer cogged roller Ø 460/550 mm, tubular-ring roller Ø 450 mm, Crosskill roller Ø 400/500 mm, ring roller Ø 500/600 mm, spring roller Ø 470/550 mm, rubber roller Ø 500 mm, tire roller Ø 600 mm, roller of steel rings 48-52HRC Ø 600 mm, spiral roller Ø 455 mm, T-ring roller Ø 500/600 mm, U-ring roller Ø 540 mm, prismatic roller ORION Ø 500 mm.



| Specifications |                 |                    |               |
|----------------|-----------------|--------------------|---------------|
| WORKING WIDTH  | NUMBER OF DISCS | POWER DEMAND (HP)* | WEIGHT (kg)** |
| 2,7 m          | 20              | 85                 | 1035          |
| 3,0 m          | 24              | 95                 | 1150          |
| 3,5 m          | 28              | 110                | 1320          |
| 4,0 m          | 32              | 120                | 1480          |

\*) minimum power demand can vary greatly depending on the equipment and soil conditions.

\*\*) weight of the machine with standard equipment.

Alfa disc 560 mm\*\*



\*) option available only in combination with maintenance-free hubs.



Compact disc harrow U 693 - different mounting options



Compact disc harrow

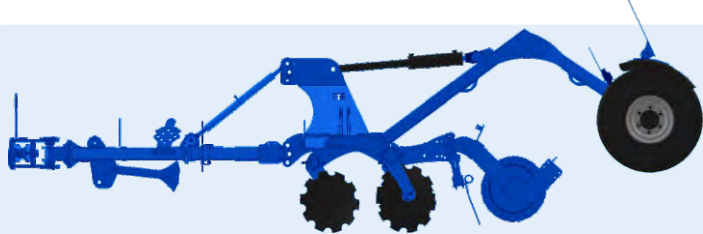
(rubber shock absorber 40 mm x 180 mm)

type

U 693



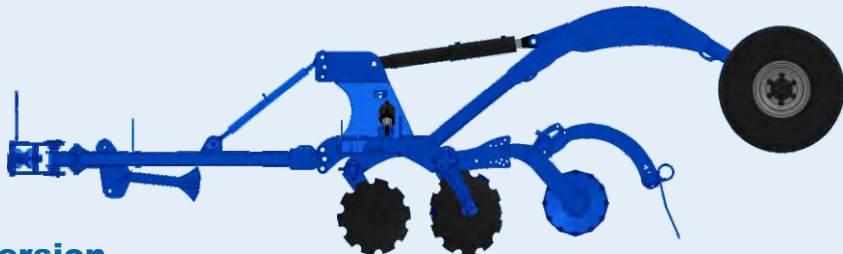
Mounted version  
with coupler  
for seeder



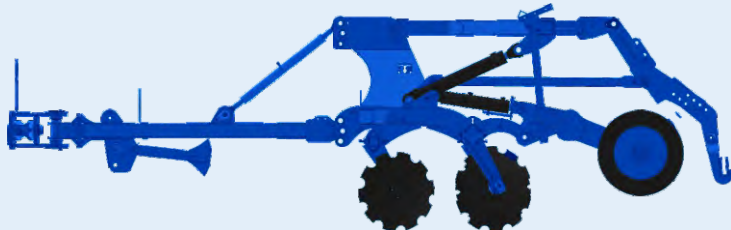
Trailed version  
(drawbar + transporting trailer)  
with a spring comb between the discs  
and the tillage roller



Trailed version with coupler for seeder  
(drawbar + transporting trailer + coupler for seeder)  
equipped with a hydraulic drawbar and Crossboard drag



Trailed version  
(drawbar + LONG transporting trailer)  
with a spring comb behind the tillage roller



Trailed version  
(drawbar + transport tire roller)  
equipped with a coupler for seeder



Trailed version  
(drawbar + LONG transporting trailer) with U-ring tandem roller



Compact disc harrow

(rubber shock absorber 40 mm x 180 mm)

type

U 693



Standard equipment

Toothed disc with a diameter of 510 mm made of boron steel 45-48 HRC, ZVL PREMIUM tapered discs bearing, (lubrication every 150 ha for 3,0 m machine width) rubber shock absorber 40 mm x 180 mm and pipe roller Ø 500 mm. On Customer's request, a smooth disc or a fine toothed disc can be mounted.



Prices for the machines with standard equipment

| WORKING WIDTH | NET PRICE |
|---------------|-----------|
| 2,7 m         |           |
| 3,0 m         |           |
| 3,5 m         |           |
| 4,0 m         |           |
| 4,0 m H       |           |
| 4,5 m H       |           |
| 5,0 m H       |           |
| 6,0 m H       |           |

H - hydraulic folding machines, transport width does not exceed 3 m.



Optional equipment (extra charge to the machine price with standard equipment)

Discs with a diameter of 560 mm (boron steel 45-48 HRC)

| WORKING WIDTH  | NET PRICE |
|----------------|-----------|
| 2,7 m/ 3,0 m   |           |
| 3,5 m          |           |
| 4,0 m/ 4,0 m H |           |
| 4,5 m H        |           |
| 5,0 m H        |           |
| 6,0 m H        |           |

ALFA\* disc  
560 mm x 5 mm



\*) option available only  
in combination with  
maintenance-free hubs.

Discs OFAS Italy (hardness 48-52 HRC)

| WORKING WIDTH  | diameter 510 mm<br>NET PRICE | diameter 560 mm<br>NET PRICE |
|----------------|------------------------------|------------------------------|
| 2,7 m/ 3,0 m   |                              |                              |
| 3,5 m          |                              |                              |
| 4,0 m/ 4,0 m H |                              |                              |
| 4,5 m H        |                              |                              |
| 5,0 m H        |                              |                              |
| 6,0 m H        |                              |                              |

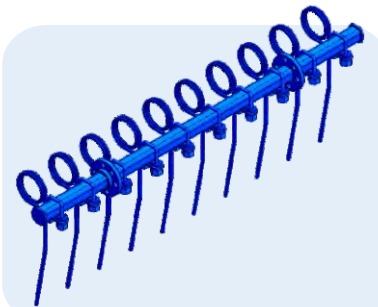
| Disc bearing   | tapered bearings SKF* | maintenance-free AgriHub | hub EXTREME** |
|----------------|-----------------------|--------------------------|---------------|
| WORKING WIDTH  | NET PRICE             | NET PRICE                | NET PRICE     |
| 2,7 m/ 3,0 m   |                       |                          |               |
| 3,5 m          |                       |                          |               |
| 4,0 m/ 4,0 m H |                       |                          |               |
| 4,5 m H        |                       |                          |               |
| 5,0 m H        |                       |                          |               |
| 6,0 m H        |                       |                          |               |

Spring comb beam\*

| WORKING WIDTH  | NET PRICE |
|----------------|-----------|
| 2,7 m/ 3,0 m   |           |
| 3,5 m          |           |
| 4,0 m/ 4,0 m H |           |
| 4,5 m H        |           |
| 5,0 m H        |           |
| 6,0 m H        |           |

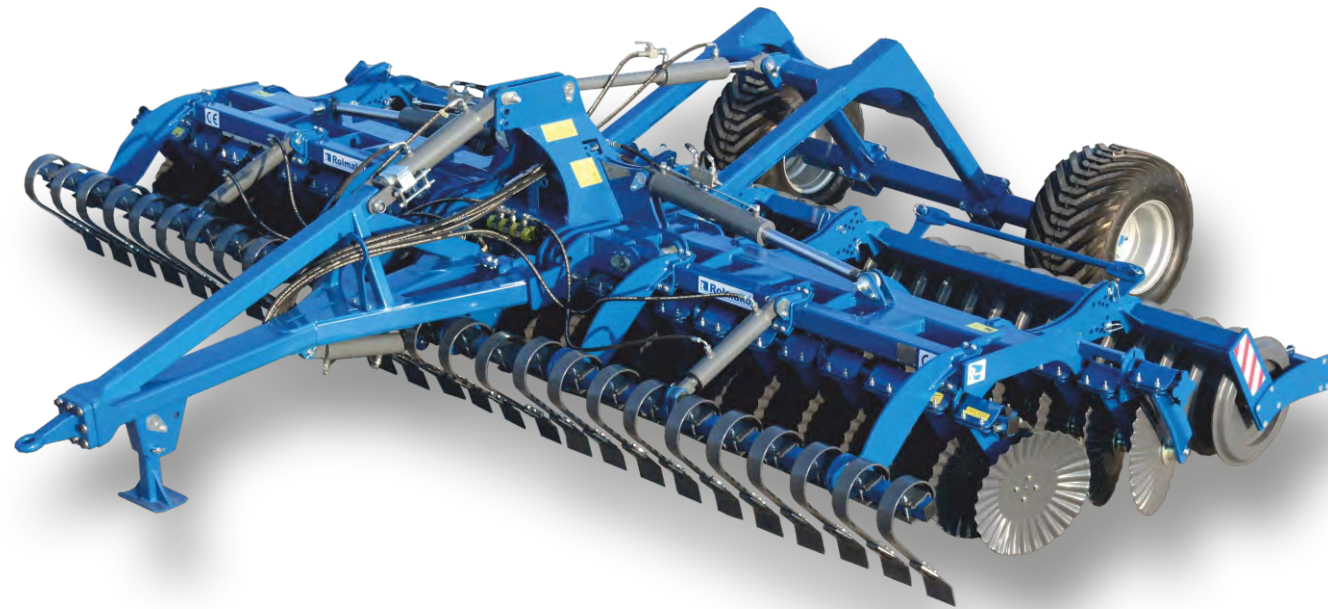
\*) depending on the configuration of harrow and arrangements with the customer, the comb can be mounted behind the ring roller or in front of it.

\*) lubrication every 150 ha for 3,0 m machine width.  
\*\*) 5 years warranty.

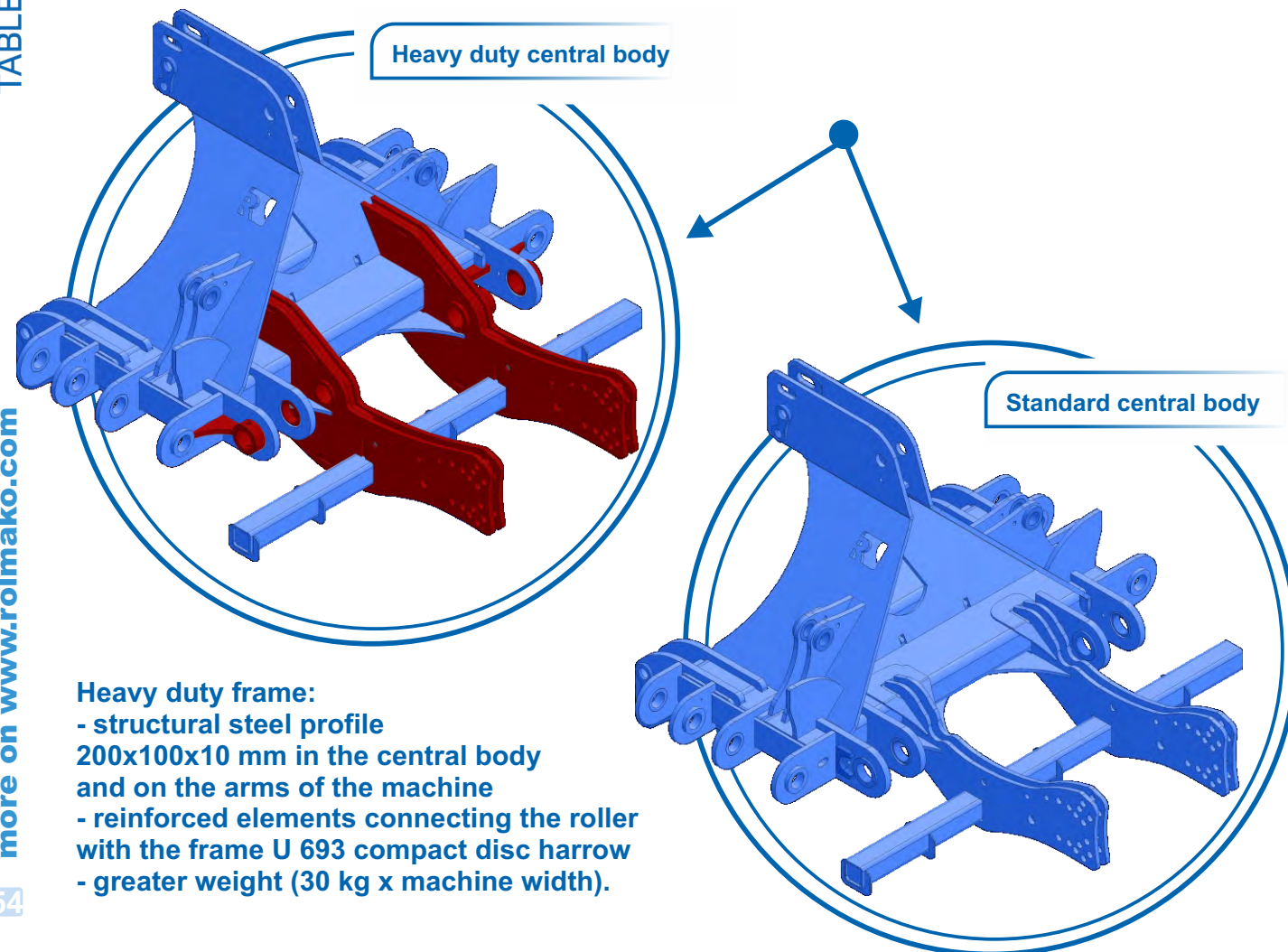




## Heavy duty frame (option for hydraulically foldable machines)



**U 693 compact disc harrow in the trailed version with a hydraulic drawbar and a reinforced Crossboard drag**



## Selected pictures of equipment options

Mounted disc harrow with a coupler to the seeder



Hydraulic depth adjustment of operation



Trailed disc harrow with a tire roller



Transport lighting



APV aftercrop seeder



Drawbar + trailer with a seeder coupler



Standard drawbar with a hitching beam



ALFA discs 560x5mm



Spring comb behind the roller



Crossboard drag







# Compact disc harrow

(rubber shock absorber 40 mm x 180 mm)

type

U 693



Optional equipment (surcharge to the price of the machine with standard equipment)

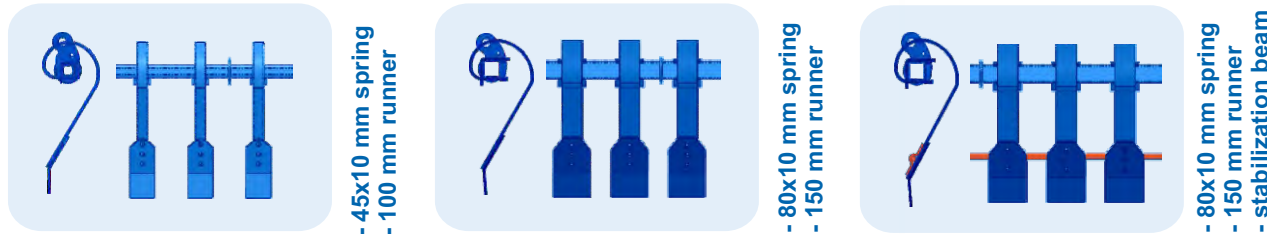
| Coupler (hitch) to the seeder for mounted harrows in the rigid version     | NET PRICE |
|----------------------------------------------------------------------------|-----------|
| Hydropack for harrow 2,7 m/3,0 m (1 hydraulic cylinder)                    |           |
| Hydropack for harrow 3,5 m/4,0 m (2 hydraulic cylinders)*                  |           |
| Hydropack for harrow with a transport tire roller (2 hydraulic cylinders)  |           |
| *) option is available for disc harrow 2,7m/3,0 m working width.           |           |
| <b>Trailed version (surcharge to mounted version)*</b>                     |           |
| Drawbar + light transporting trailer, tyres 10.0/75-15.3                   |           |
| Drawbar + heavy transporting trailer, tyres 400/60-15.5                    |           |
| Drawbar + heavy transporting trailer, tyres 500/50-17                      |           |
| Drawbar + LONG transporting trailer, tyres 400/60-15.5**                   |           |
| Drawbar + LONG transporting trailer, tyres 500/50-17**                     |           |
| Drawbar + light transporting trailer + seeder coupling, tyres 10.0/75-15.3 |           |
| Drawbar + heavy transporting trailer + seeder coupling, tyres 400/60-15.5  |           |
| Drawbar + heavy transporting trailer + seeder coupling, tyres 500/50-17    |           |

|                                                                                                                                        |       |  |
|----------------------------------------------------------------------------------------------------------------------------------------|-------|--|
| Drawbar + tyre transporting roller Ø 600 with hydraulic working depth adjustment<br>(option available for machines with a rigid frame) | 3,0 m |  |
|                                                                                                                                        | 3,5 m |  |
|                                                                                                                                        | 4,0 m |  |

\*) light transporting trailer is available for machines with weight up to 3000 kg.  
\*\*) the choice of the trailer in this variant increases the possibility of expansion of the machine with additional functions, among others shifting the tillage roller from the discs by 150 mm, mounting the comb behind the tillage roller or installing the available double rollers (tandem). It is not possible to combine the spring comb option with tandem rollers. LONG trailer is longer and stronger than the other variants, it has been equipped with a more powerful hydraulic cylinder.

| Hydraulic adjustment of working depth |                            |
|---------------------------------------|----------------------------|
|                                       | Rigid frame                |
|                                       | Hydraulically folded frame |

Variants of the working elements of the Crossboard front drag



| Crossboard front drag* |               | mechanic  | hydraulic |
|------------------------|---------------|-----------|-----------|
| - 45x10 mm spring      | WORKING WIDTH | NET PRICE | NET PRICE |
| - 100 mm runner        | 2,7 m/ 3,0 m  |           |           |
|                        | 3,5 m         |           |           |
|                        | 4,0 m         |           |           |
|                        | 4,0 m H       |           |           |
|                        | 4,5 m H       |           |           |
|                        | 5,0 m H       |           |           |
|                        | 6,0 m H       |           |           |

| Front Crossboard* heavy duty drag |               | hydraulic | hydraulic with a stabilization beam** |
|-----------------------------------|---------------|-----------|---------------------------------------|
| - 80x10 mm spring                 | WORKING WIDTH | NET PRICE | NET PRICE                             |
| - 150 mm runner                   | 2,7 m/ 3,0 m  |           |                                       |
|                                   | 3,5 m         |           |                                       |
|                                   | 4,0 m         |           |                                       |
|                                   | 4,0 m H       |           |                                       |
|                                   | 4,5 m H       |           |                                       |
|                                   | 5,0 m H       |           |                                       |
|                                   | 6,0 m H       |           |                                       |

\*) the option is available for a trailed harrow.  
\*\*) reinforced front drag Crossboard equipped with additional rigidifying element by joining all springs together.



# Compact disc harrow

(rubber shock absorber 40 mm x 180 mm)

type

U 693



| Preparation for expansion with hydraulic depth adjustment | NET PRICE |
|-----------------------------------------------------------|-----------|
| WORKING WIDTH                                             |           |
| 2,7 m/3,0 m/3,5 m/4,0 m                                   |           |
| 4,0 m H/4,5 m H/5,0 m H/6,0 m H                           |           |

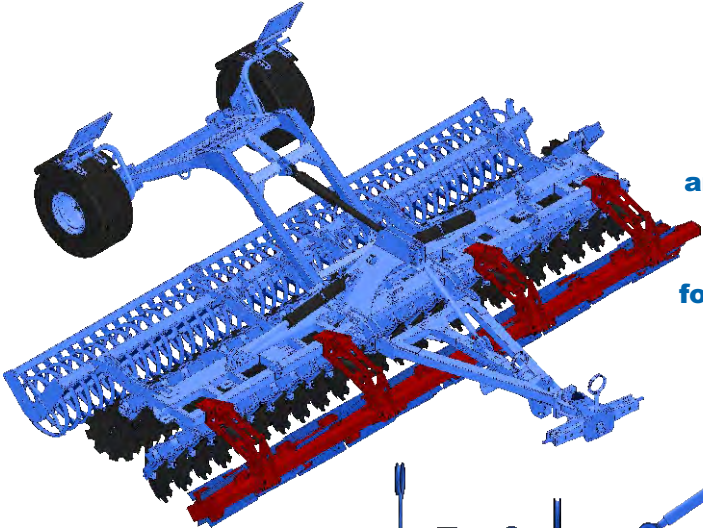
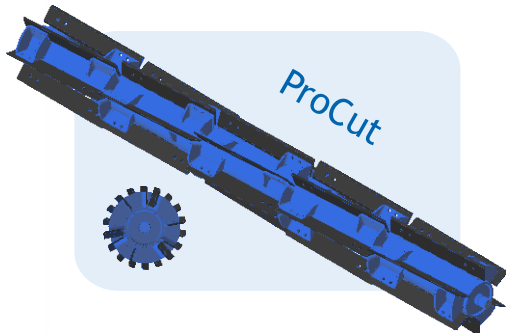
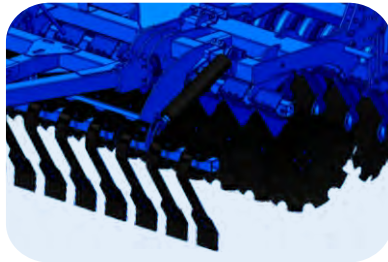
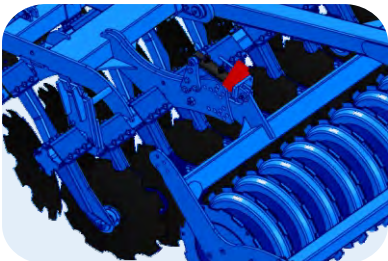
| Shifting the tillage roller from the discs by 150 mm* | NET PRICE |
|-------------------------------------------------------|-----------|
| WORKING WIDTH                                         |           |
| 3,0 m/3,5 m/4,0 m                                     |           |
| 4,0 m H/4,5 m H/5,0 m H/6,0 m H                       |           |

\*) available only in conjunction with the LONG transport trailer. It cannot be combined with a double roller (tandem), a tyre transporting roller and in a mounted version with the option of a coupler for seeder.

| Preparation for expansion with a Crossboard drag | NET PRICE |
|--------------------------------------------------|-----------|
| WORKING WIDTH                                    |           |
| 3,0 m/3,5 m/4,0 m                                |           |
| 4,0 m H/4,5 m H/5,0 m H/6,0 m H                  |           |

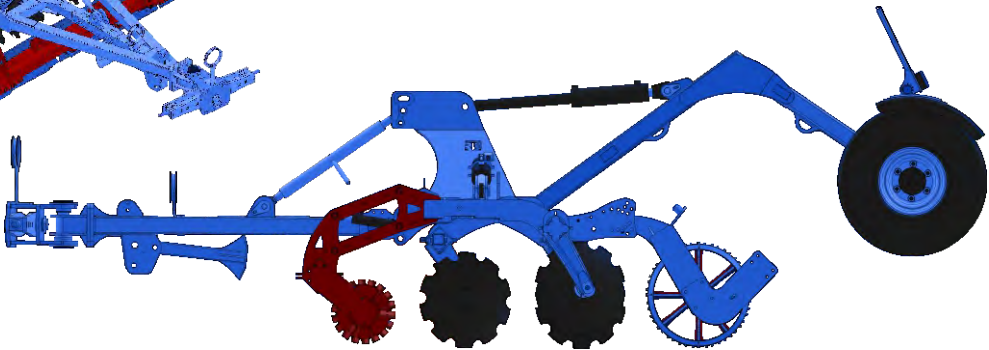
| LongLife shock absorber - <a href="http://www.rolmako.com/longlife.pdf">www.rolmako.com/longlife.pdf</a><br>(greater elasticity and durability, less permanent deformation, more than twice longer operation time of the shock absorber) | NET PRICE |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| WORKING WIDTH                                                                                                                                                                                                                            |           |
| 2,7 m/ 3,0 m                                                                                                                                                                                                                             |           |
| 3,5 m                                                                                                                                                                                                                                    |           |
| 4,0 m/ 4,0 m H                                                                                                                                                                                                                           |           |
| 4,5 m H                                                                                                                                                                                                                                  |           |
| 5,0 m H                                                                                                                                                                                                                                  |           |
| 6,0 m H                                                                                                                                                                                                                                  |           |

| ProCut front knife roller with hydraulic adjustment*<br>(diagonal string roller with a Hardox steel blade) | NET PRICE |
|------------------------------------------------------------------------------------------------------------|-----------|
| WORKING WIDTH                                                                                              |           |
| 2,7 m/ 3,0 m                                                                                               |           |
| 3,5 m                                                                                                      |           |
| 4,0 m/ 4,0 m H                                                                                             |           |
| 4,5 m H                                                                                                    |           |
| 5,0 m H                                                                                                    |           |
| 6,0 m H                                                                                                    |           |
| *) option available for trailed machines.                                                                  |           |



LongLife rubber shock absorber + HARDOX steel knives

**ProCut roller, mounted at the front of the machine, and in front of the working discs of the disc harrow are used for better and intense grinding of post-harvest residue. The oblique arrangement of knives ensures even distribution of cutting force, and consequently the best work result.**







Other available options

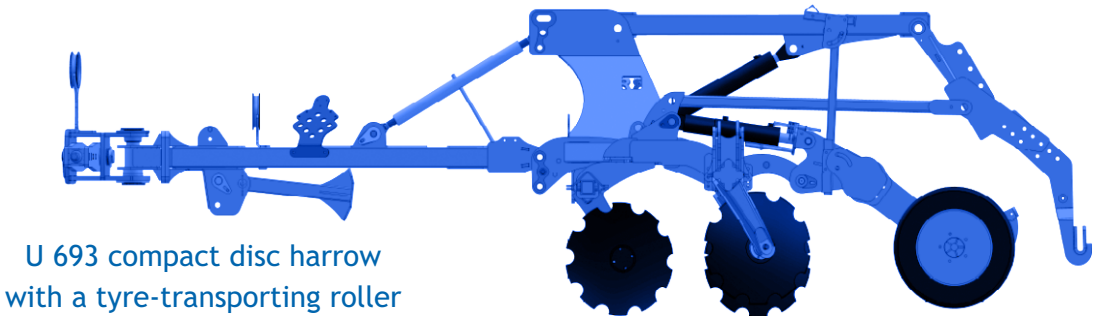
|                                                                        | NET PRICE |
|------------------------------------------------------------------------|-----------|
| ALFA disc 560 mm x 5 mm (pc.)                                          |           |
| Hydraulic arm lock for transport*                                      |           |
| Pneumatic brake                                                        |           |
| Hydraulic brake                                                        |           |
| Hydraulic drawbar with a hitching beam                                 |           |
| Hydraulic drawbar with the Scharmüller ear                             |           |
| Mounting a rubber shock absorber with 6 screws 10.9 (1m x width)**     |           |
| Delimbe aftercrop seeder                                               |           |
| APV aftercrop seeder                                                   |           |
| Weights 80 kg (available for the mounted version with the rigid frame) |           |
| Side leveling covers                                                   |           |
| Front reflective plates (mounted machines)                             |           |
| Front LED lighting beam (trailed machines)                             |           |
| Rear LED lighting beam                                                 |           |
| Backlit license plate frame                                            |           |

Maintenance-free roller bearing units (pcs)\*\*\*

\*) mechanical lock of the disc harrow arms as standard.

\*\*) 4 screw connections M 12 class 8.8 as standard. The option is intended for the most severe soil conditions.

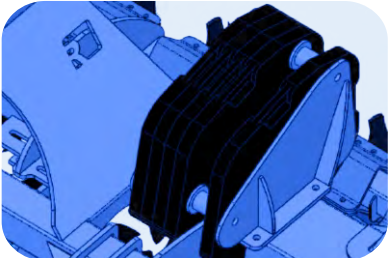
\*\*\*) fittings made of spheroidal cast iron GGG50 with steel cover. Table with the number of bearing units on page 135.



U 693 compact disc harrow  
with a tyre-transporting roller



Brake version



Weights



Hydraulic lock



Optional rear rollers [Prices on the pages 128 ÷ 132](#)

string roller with flat bars Ø 460 mm, string roller with cogged bars Ø 460 mm, Packer cogged roller Ø 460/550 mm, tubular-ring roller Ø 450 mm, Crosskill roller Ø 400/500 mm, ring roller Ø 500/600 mm, spring roller Ø 470/550 mm, rubber roller Ø 500 mm, tire roller Ø 600 mm, roller of steel rings 48-52HRC Ø 600 mm, spiral roller Ø 455 mm, tyre transport roller Ø 600/670 mm, T-ring roller Ø 500/600 mm, U-ring roller Ø 540 mm, tandem pipe roller Ø 400 mm plus string roller Ø 400 mm, tandem U-ring roller Ø 540 mm, prismatic roller ORION Ø 500 mm.



Specifications

| WORKING<br>WIDTH | NUMBER<br>OF DISCS | POWER<br>DEMAND (HP)** | mounted          | trailed<br>(drawbar + trailer) | trailed<br>(drawbar + trailer + coupler to the seeder) |
|------------------|--------------------|------------------------|------------------|--------------------------------|--------------------------------------------------------|
|                  |                    |                        | WEIGHT<br>(kg)** | WEIGHT<br>(kg)**               | WEIGHT<br>(kg)**                                       |
| 2,7 m            | 20                 | 95                     | 1180             | x                              | x                                                      |
| 3,0 m            | 24                 | 105                    | 1340             | 2140                           | 2560                                                   |
| 3,5 m            | 28                 | 120                    | 1580             | 2380                           | 2800                                                   |
| 4,0 m            | 32                 | 130                    | 1750             | 2550                           | 2970                                                   |
| 4,0 m H          | 32                 | 130                    | 2550             | 3550                           | 3970                                                   |
| 4,5 m H          | 36                 | 145                    | 2750             | 3750                           | 4170                                                   |
| 5,0 m H          | 40                 | 160                    | 2940             | 3940                           | 4360                                                   |
| 6,0 m H          | 48                 | 180                    | 3300             | 4300                           | 4720                                                   |

H - hydraulic folding machines, transport width does not exceed 3 m.

\*) minimum power demand can vary greatly depending on the equipment and soil conditions.

\*\*) weight of the machine with standard equipment.

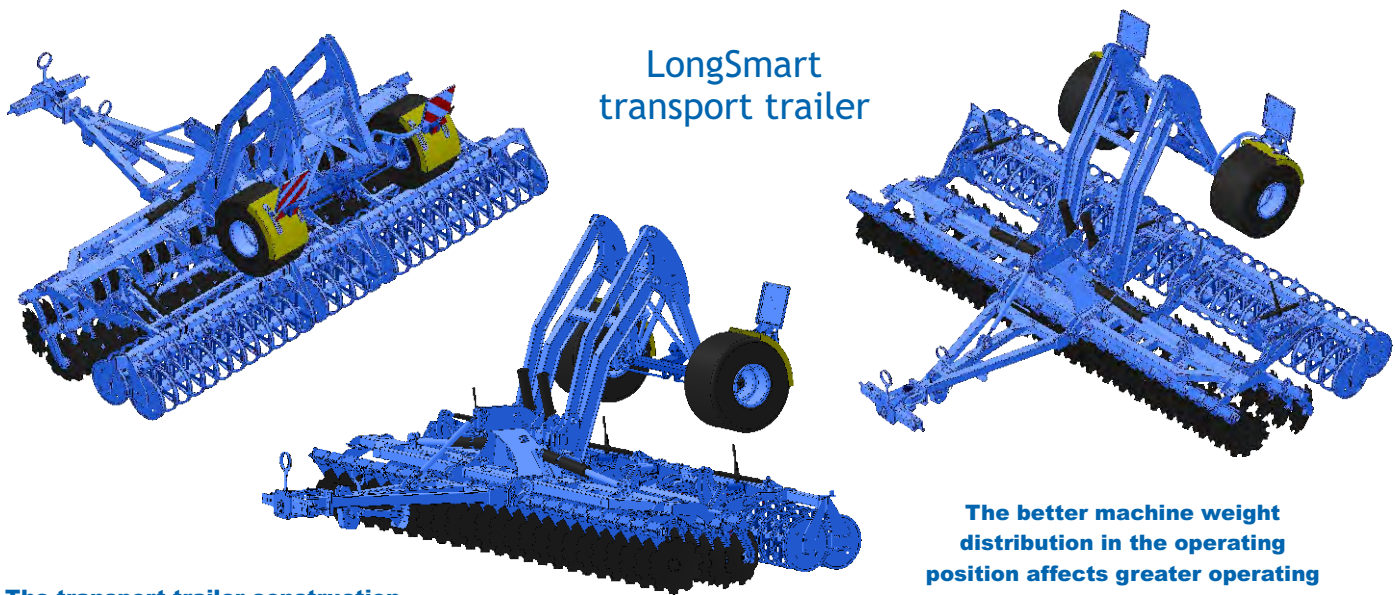


Disc harrow

Compact disc harrow (rubber shock absorber 40 mm x 180 mm)

type

U 693



LongSmart  
transport trailer

The transport trailer construction  
allows to better transfer the centre of gravity towards  
the tractor, which contributes to better cultivation

The better machine weight  
distribution in the operating  
position affects greater operating  
stability and greater pressure  
to the cultivated soil

Optional equipment (additional payment for the price of the machine with standard equipment)

NET PRICE

Drawbar + LongSmart transport trailer, tyres 400/60-15.5\*

Drawbar + LongSmart transport trailer, tyres 500/50-17\*

\*) selection of a trailer in this variant increases the possibilities of expanding the machine with additional functions, among others, shifting the tillage roller from the discs by 150 mm, mounting the comb behind the tillage roller or mounting of available double (tandem) rollers. It is impossible to combine the spring comb option with tandem rollers. The LongSmart trailer is equipped with two hydraulic cylinders.

Optional rear rollers

(complete list of optional rear rollers available on pages 128 ÷ 132)

Spiral roller Ø 455 mm



Rubber roller Ø 500 mm



Packer cogged roller Ø 550 mm



Steel ring roller Ø 600 mm



Cultivation rollers for every soil conditions





The most complete range of disc harrows on the market



PRICE LIST 2024



# Liquid manure applicator

Combination of the soil disturbance process with simultaneous liquid manure spreading



VOGELSANG



## Purpose of the machine

<https://www.rolmako.com/vogelsang.pdf>

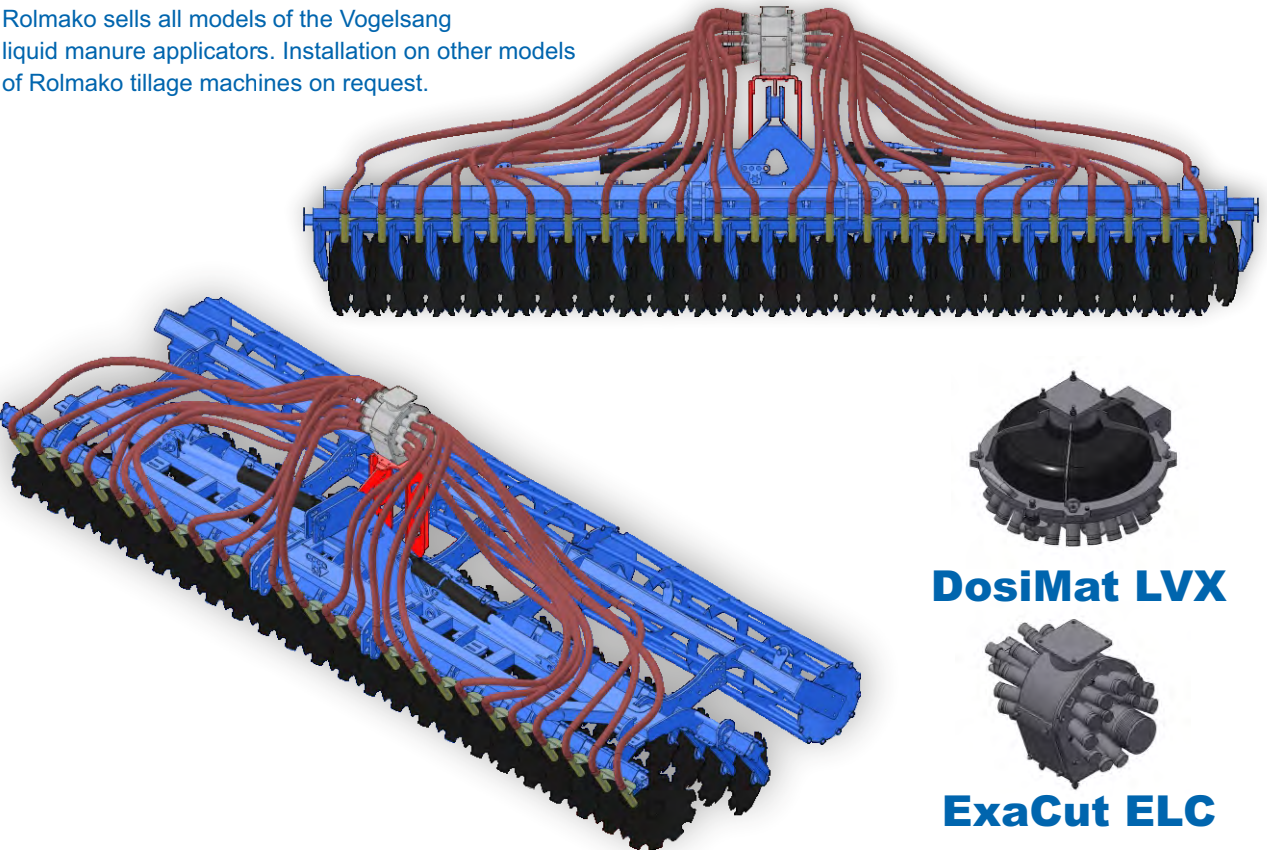
The applicator mounting on a disc harrow or a tillage cultivator allows for fertilisation and cultivation with one pass through the field, which will save time and money. However, the most important advantage is significant fertilisation quality and the maximum use of the properties of natural fertilisers, which bring benefits to the farmer's pocket and the environment. It is also worth mentioning one advantage of soil application, namely limiting the odour that accompanies liquid manure spreading, which will always be an advantage, and often a necessity.

## Prices of sample applicator systems on the U 693 compact disc harrow

| Machine width | Number of outputs (pcs.) | Vogelsang model | Net price*)**) |
|---------------|--------------------------|-----------------|----------------|
| 3,0 m         | 12                       | DosiMat LVX     |                |
| 3,5 m         | 14                       | DosiMat LVX     |                |
| 4,0 m         | 16                       | DosiMat LVX     |                |
| 4,0 m H       | 18***                    | ExaCut ELC****  |                |
| 4,5 m H       | 18                       | ExaCut ELC****  |                |
| 5,0 m H       | 20                       | ExaCut ELC****  |                |
| 6,0 m H       | 24                       | ExaCut ELC****  |                |

\*) price includes a mounting rack, hoses, clamps, outlet pipes, etc.  
 \*\*) price list of disc harrows on page 53. On special request, a hydraulically foldable disc harrow can be made without a tillage roller, equipped with supporting wheels in the front with a size of 400/60-15.5. The price of a disc harrow equipped with supporting wheels without a tillage roller is not changed compared to a machine with a standard pipe roller in a configuration without supporting wheels (price is the same).  
 \*\*\*) two closed outlets, 16 pcs. of unobstructed outlets of liquid manure.  
 \*\*\*\*) supplying the applicator with natural fertiliser from the top. Settling device of solids as standard.

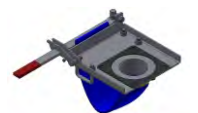
Rolmako sells all models of the Vogelsang liquid manure applicators. Installation on other models of Rolmako tillage machines on request.



DosiMat LVX



ExaCut ELC



Settling device of solids

The ExaCut ECL applicator perfectly cuts and spreads liquid manure. The stable rotor movements ensure very smooth operation. Liquid manure is evenly spread even with large amounts of manure. The integrated heavy material separator protects the entire spreading system against troublesome foreign bodies.

Vogelsang - the best cutting results with maximum reliability

more on [www.rolmako.com](http://www.rolmako.com)





## Disc harrow

The economical version of the compact disc harrow U 693

type

**U 693 SMART**



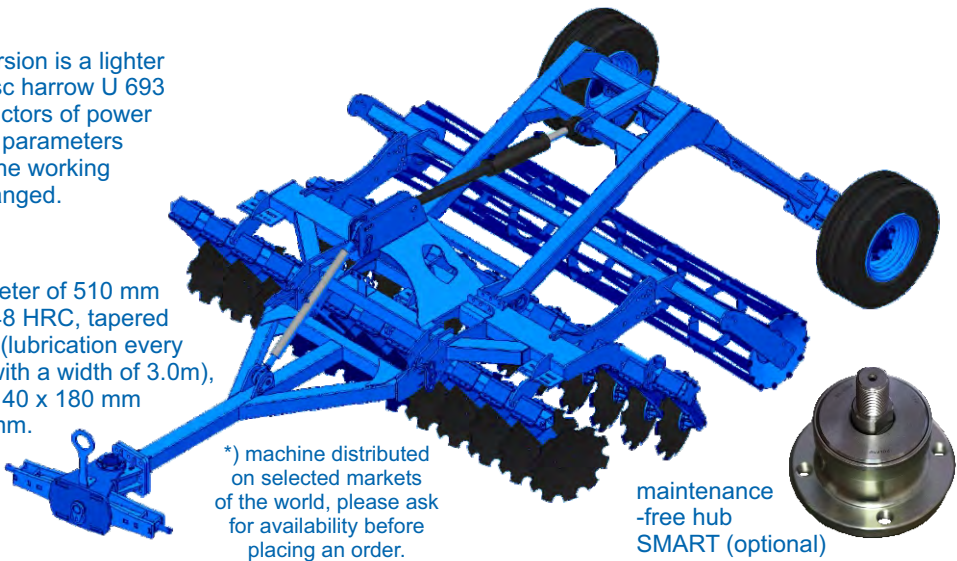
### Characteristics

The SMART machine version is a lighter option of the compact disc harrow U 693 designed to work with tractors of power up to 115 hp. All working parameters and distances between the working sections remained unchanged.

### Standard equipment

Toothed disc with a diameter of 510 mm made of boron steel 45-48 HRC, tapered bearing of SMART discs (lubrication every 150 ha for the machine with a width of 3.0m), a rubber shock absorber 40 x 180 mm and a pipe roller Ø 500 mm.

On Customer's request a smooth disc or a fine toothed disc.



\*) machine distributed on selected markets of the world, please ask for availability before placing an order.

maintenance-free hub SMART (optional)



### Prices for the machines with standard equipment

| WORKING WIDTH | NET PRICE |
|---------------|-----------|
| 2,5 m         |           |
| 2,7 m         |           |
| 3,0 m         |           |



### Optional equipment (surcharge to the price of the machine with standard equipment)

|                                                         | NET PRICE |
|---------------------------------------------------------|-----------|
| Discs with a diameter of 560 mm (pcs x number of discs) |           |
| SMART maintenance-free hub (pcs x number of discs)      |           |
| Drawbar + SMART trailer (tyres 10.0/75-15.3)            |           |
| Folding the discs into the transport position*          |           |
| Delimbe aftercrop seeder                                |           |
| APV aftercrop seeder                                    |           |
| Side leveling covers                                    |           |
| Front reflective plates (mounted machines)              |           |
| Front LED lighting beam (trailed machines)              |           |
| Rear LED lighting beam                                  |           |

\*) the option is available for a disc harrow with a width of 3,0 m, the machine in the transport position does not exceed 3,0 m. The machine without the above equipment is not allowed to move on public roads.



### Optional rear rollers Prices on the pages 128 + 132

string roller with flat bars Ø 460 mm, string roller with cogged bars Ø 460 mm, Packer cogged roller Ø 460/550 mm, ring roller Ø 450 mm, V- ring roller Ø 500/600 mm, spring roller Ø 470/550 mm, spiral roller Ø 455 mm, T-ring roller Ø 500/600 mm, U-ring roller Ø 540 mm.



### Specifications

|               |                 |                     | mounted       | trailed<br>(drawbar + trailer) |
|---------------|-----------------|---------------------|---------------|--------------------------------|
| WORKING WIDTH | NUMBER OF DISCS | POWER DEMAND (HP)** | WEIGHT (kg)** | WEIGHT (kg)**                  |
| 2,5 m         | 18              | 85                  | 1020          | x                              |
| 2,7 m         | 20              | 95                  | 1080          | 1880                           |
| 3,0 m         | 24              | 105                 | 1200          | 2000                           |

\*) minimum power demand can vary greatly depending on the equipment and soil conditions.

\*\*) weight of the machine with standard equipment.



## Disc harrow for vineyards and gardens

(rubber shock absorber 40 mm x 180 mm)

type

**U 645**



### Standard equipment

Toothed disc with a diameter of 510 mm made of boron steel 45-48 HRC, ZVL PREMIUM tapered discs bearings (lubrication every 150 ha for 3,0 m machine width), rubber shock absorber 40 mm x 180 mm and pipe roller Ø 500 mm. Smooth or fine toothed disc can be mounted at Customer's request.



### Prices for the machines with standard equipment

| WORKING WIDTH | NET PRICE |
|---------------|-----------|
| 1,25 m        |           |
| 1,50 m        |           |
| 1,75 m        |           |
| 2,00 m        |           |



### Optional equipment

(surcharge to the price of the machine with standard equipment)

#### Discs with a diameter of 560 mm (boron steel 45-48 HRC)

| WORKING WIDTH | NET PRICE |
|---------------|-----------|
| 1,25 m        |           |
| 1,50 m        |           |
| 1,75 m        |           |
| 2,00 m        |           |

#### Discs OFAS Italy (hardness 48-52 HRC)

| WORKING WIDTH | NET PRICE |
|---------------|-----------|
| 1,25 m        |           |
| 1,50 m        |           |
| 1,75 m        |           |
| 2,00 m        |           |



| Disc bearing  | tapered bearings SKF* | maintenance-free AgriHub | hub EXTREME** |
|---------------|-----------------------|--------------------------|---------------|
| WORKING WIDTH | NET PRICE             | NET PRICE                | NET PRICE     |
| 1,25 m        |                       |                          |               |
| 1,50 m        |                       |                          |               |
| 1,75 m        |                       |                          |               |
| 2,00 m        |                       |                          |               |

\*) lubrication every 150 ha for 3,0 m machine width.

\*\*) 5 years warranty.



Optional rear rollers (standard pipe roller Ø 500, optional string roller with flat bars does not require an additional payment). The table shows the amount of extra charge added to the price of the machine for the roller type other than pipe roller.

|               | string roller<br>with cogged bars Ø460 | Packer<br>cogged roller Ø460 | Tubular-ring-<br>roller Ø450 | Crosskill<br>roller Ø400 |
|---------------|----------------------------------------|------------------------------|------------------------------|--------------------------|
| WORKING WIDTH | NET PRICE                              | NET PRICE                    | NET PRICE                    | NET PRICE                |
| 1,25/1,50 m   |                                        |                              |                              |                          |
| 1,75/2,00 m   |                                        |                              |                              |                          |

|               | V-ring roller Ø500 | spring roller Ø470 | rubber roller Ø500 | Steel ring roller Ø600 |
|---------------|--------------------|--------------------|--------------------|------------------------|
| WORKING WIDTH | NET PRICE          | NET PRICE          | NET PRICE          | NET PRICE              |
| 1,25/1,50 m   |                    |                    |                    |                        |
| 1,75/2,00 m   |                    |                    |                    |                        |



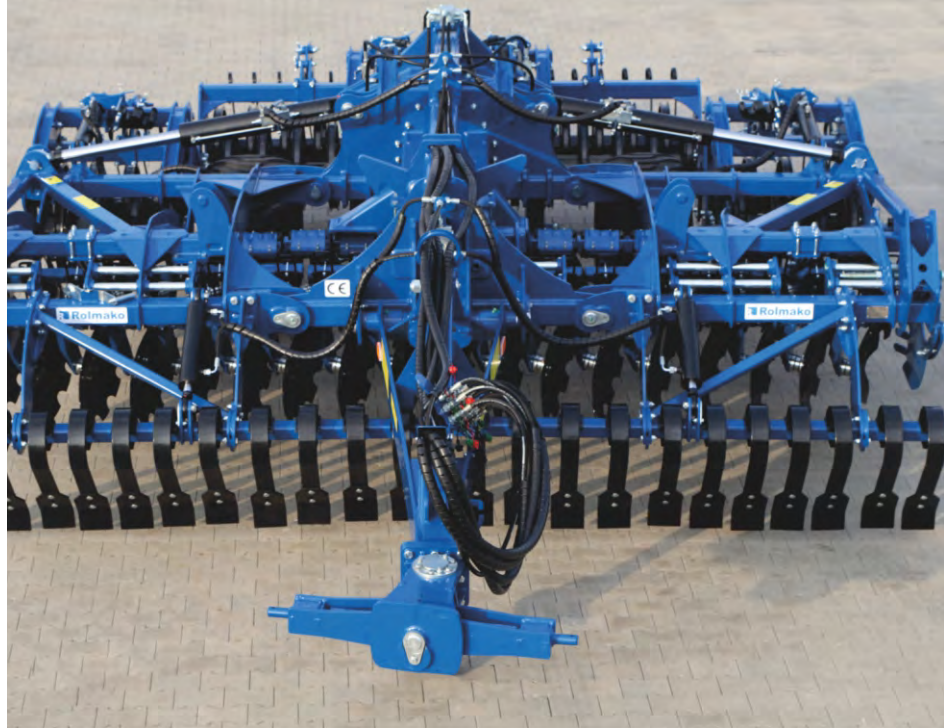
### Specifications

| WORKING WIDTH | NUMBER OF DISCS | POWER DEMAND (HP)* | WEIGHT (kg)** |
|---------------|-----------------|--------------------|---------------|
| 1,25 m        | 10              | 40                 | 620           |
| 1,50 m        | 12              | 50                 | 675           |
| 1,75 m        | 14              | 60                 | 750           |
| 2,00 m        | 16              | 70                 | 825           |

\*) minimum power demand can vary greatly depending on the equipment and soil conditions.

\*\*) weight of the machine with standard equipment.









Disc harrow

(rubber shock absorber 40 mm x 180 mm or 3D absorber with 35 mm x 35 mm spring)

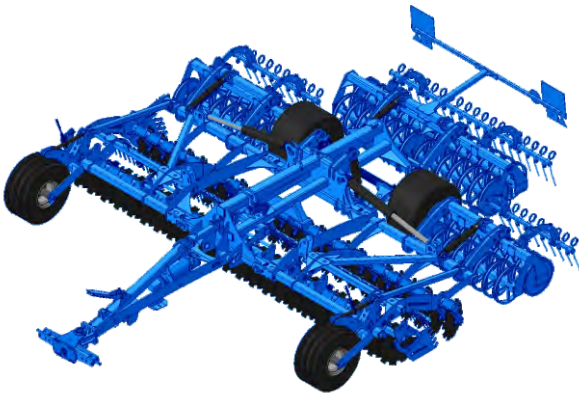
type

U 652



Standard equipment:

OFAS toothed disc with a diameter of 560 mm, rubber shock absorber LongLife 40mm x 180mm, maintenance-free AgriHub hubs, spacing between the rows of discs 90 cm, hydraulic adjustment of the working depth, pipe roller Ø 500 mm. The U 652 disc harrow with a width of 5.0 m and 6.0 m is equipped with a pneumatic brake as standard. On the Customer's request, a smooth disc or a fine toothed disc is mounted.

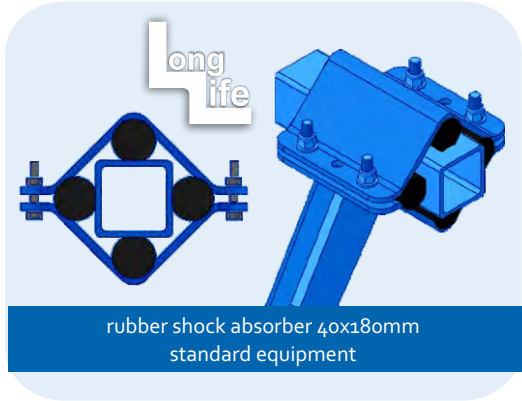


Prices of the machine with standard equipment.

| WORKING WIDTH | NET PRICE |
|---------------|-----------|
| 3,0 m         |           |
| 3,5 m         |           |
| 4,0 m         |           |
| 4,0 m H       |           |
| 4,5 m H       |           |
| 4,0 m HP      |           |
| 4,5 m HP      |           |
| 5,0 m HP      |           |
| 6,0 m HP      |           |

H - hydraulically folded machines, transport width does not exceed 3,0 m.

HP - trailed machines, hydraulically folded (the trailer section in front of the roller, 520/50-17 wheels).



Optional equipment (surcharge to the price of the machine with standard equipment)

Disc bearings

| WORKING WIDTH  | hub EXTREME* |
|----------------|--------------|
| 3,0 m          |              |
| 3,5 m          |              |
| 4,0 m / H / HP |              |
| 4,5 m / H / HP |              |
| 5,0 m HP       |              |
| 6,0 m HP       |              |

\*) 5 years warranty.



Finger comb beam\*

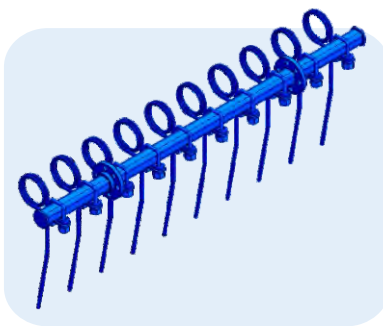
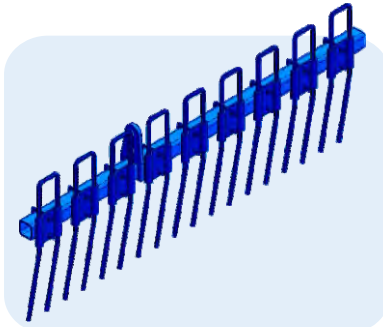
| WORKING WIDTH  | NET PRICE |
|----------------|-----------|
| 3,0 m          |           |
| 3,5 m          |           |
| 4,0 m / H / HP |           |
| 4,5 m / H / HP |           |
| 5,0 m HP       |           |
| 6,0 m HP       |           |

\*) equipment mounted between disc rows.

Spring comb beam\*

| WORKING WIDTH  | NET PRICE |
|----------------|-----------|
| 3,0 m          |           |
| 3,5 m          |           |
| 4,0 m / H / HP |           |
| 4,5 m / H / HP |           |
| 5,0 m HP       |           |
| 6,0 m HP       |           |

\*) tool mounted behind the tillage roller.



Disc harrow

(rubber shock absorber 40 mm x 180 mm or 3D absorber with 35 mm x 35 mm spring)

type

U 652

3D absorber with 35 mm x 35 mm spring

| WORKING WIDTH  | NET PRICE |
|----------------|-----------|
| 3,0 m          |           |
| 3,5 m          |           |
| 4,0 m / H / HP |           |
| 4,5 m / H / HP |           |
| 5,0 m HP       |           |
| 6,0 m HP       |           |

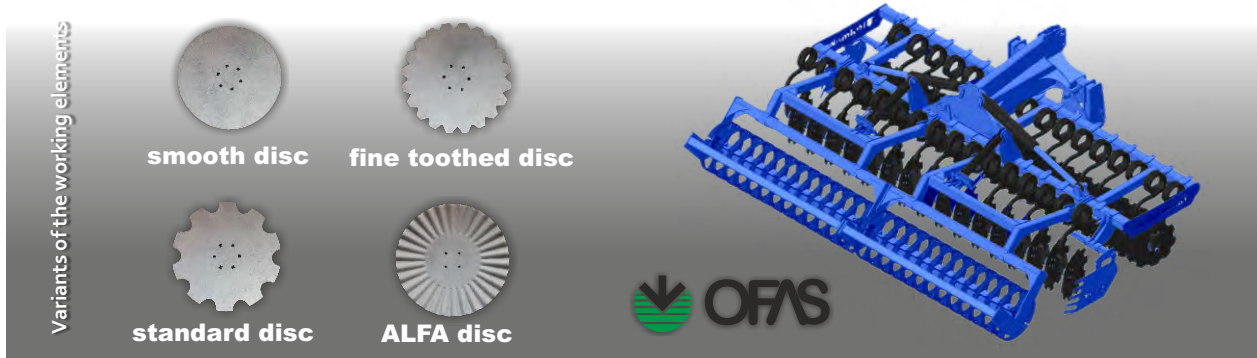


Optional equipment

|                                                                  | NET PRICE |
|------------------------------------------------------------------|-----------|
| 560 mm ALFA disc x 5 mm (pc.)                                    |           |
| Disc 610 mm x 6 mm (pcs x number of discs) + reinforced disc leg |           |
| Heavy duty Crossboard hydraulic drag *)**                        |           |
| ProCut knife roller (hydraulically controlled) **                |           |
| Pneumatic brake (4,0 m HP i 4,5 m HP)                            |           |
| Hydraulic brake (4,0 m HP i 4,5 m HP)                            |           |
| 400/60-15.5 supporting wheels for trailed version                |           |
| Side leveling covers                                             |           |
| Delimbe aftercrop seeder                                         |           |
| APV aftercrop seeder                                             |           |
| Front reflective plates (mounted machines)                       |           |
| Front LED lighting beam (trailed machines)                       |           |
| Rear LED lighting beam                                           |           |
| Maintenance-free roller bearing unit (pc.)***                    |           |

\*) option with a stabilisation beam is also available. \*\*) Configuration with supporting wheels is not possible.

\*\*\*) fittings made of spheroidal cast iron GGG50 with steel cover. Table with the number of bearing units on page 135.



Optional rear rollers Prices on the pages 128 + 132

string roller with flat bars Ø 460 mm, string roller with cogged bars Ø 460 mm, Packer cogged roller Ø 460/550 mm, tubular-ring roller Ø 450 mm, Crosskill roller Ø 400/500 mm, ring roller Ø 500/600 mm, spring roller Ø 470/550 mm, rubber roller Ø 500 mm, tire roller Ø 600 mm, roller of steel rings 48-52HRC Ø 600 mm, T-ring roller Ø 500/600 mm, U-ring roller Ø 540 mm, tandem pipe roller Ø 400 mm plus string roller Ø 400 mm, tandem U-ring roller Ø 540 mm, prismatic roller ORION Ø 500 mm.



Specifications

| WORKING WIDTH | NUMBER OF DISCS | POWER DEMAND (HP)* | WEIGHT (kg)** |
|---------------|-----------------|--------------------|---------------|
| 3,0 m         | 24              | 110                | 1480          |
| 3,5 m         | 28              | 130                | 1720          |
| 4,0 m         | 32              | 150                | 2045          |
| 4,0 m H       | 32              | 150                | 2890          |
| 4,5 m H       | 36              | 160                | 3175          |
| 4,0 m HP      | 32              | 150                | 3900          |
| 4,5 m HP      | 36              | 160                | 4340          |
| 5,0 m HP      | 40              | 180                | 4780          |
| 6,0 m HP      | 48              | 200                | 5300          |

\*) minimum power demand can vary greatly depending on the equipment and soil conditions.

\*\*) weight of the machine with standard equipment.





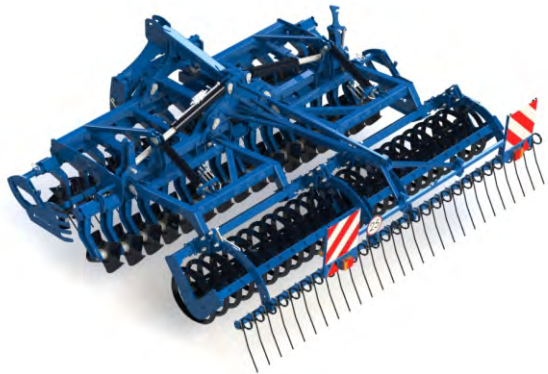
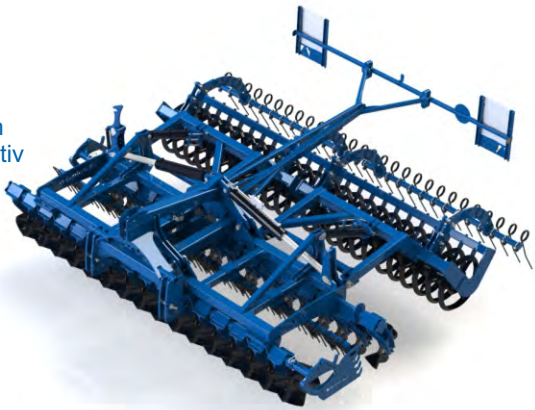
# The SpeedCutter disc harrow

(for ultra-shallow tillage)

type  
**SpeedCutter**



**Standard equipment**  
Corrugated disc with a diameter of 440 mm, LongLife rubber shock absorber 40 mm x 180 mm, AgriHub maintenance-free hubs, distance between the rows of discs 90 cm, hydraulic adjustment of the working depth, pipe roller 500 mm. The 5.0 m and 6.0 m SpeedCutter disc harrow is equipped with a pneumatic brake as standard. Machines that are standard-mounted are equipped with guards protecting the tractor against stones.



**Price of the machine with standard equipment**

| WORKING WIDTH | NETPRICE |
|---------------|----------|
| 3,0 m         |          |
| 3,5 m         |          |
| 4,0 m         |          |
| 4,0 m H       |          |
| 4,5 m H       |          |
| 4,0 m HP      |          |
| 4,5 m HP      |          |
| 5,0 m HP      |          |
| 6,0 m HP      |          |

H – hydraulically folded machines, transport width not exceeding 3 m.  
HP – trailed, hydraulically folded machines (the transport carriage is located in front of the tillage roller, wheels: 520/50-17).



**Optional equipment (additional payment for the price of the machine with standard equipment)**

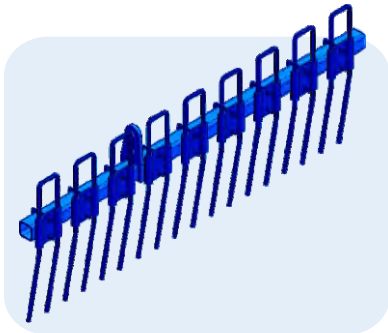
| Disc hub       | hub EXTREME* |
|----------------|--------------|
| WORKING WIDTH  | NETPRICE     |
| 3,0 m          |              |
| 3,5 m          |              |
| 4,0 m / H / HP |              |
| 4,5 m / H / HP |              |
| 5,0 m HP       |              |
| 6,0 m HP       |              |

\*) 5 years warranty.



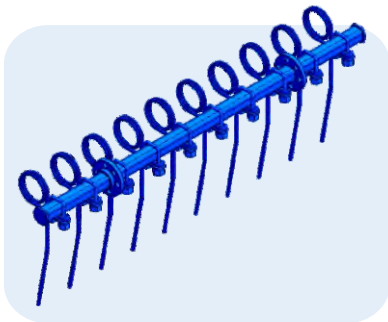
| Finger comb beam* |          |
|-------------------|----------|
| WORKING WIDTH     | NETPRICE |
| 3,0 m             |          |
| 3,5 m             |          |
| 4,0 m / H / HP    |          |
| 4,5 m / H / HP    |          |
| 5,0 m HP          |          |
| 6,0 m HP          |          |

\*) tool is mounted between the rows of discs.



| Beam with a spring comb* |          |
|--------------------------|----------|
| WORKING WIDTH            | NETPRICE |
| 3,0 m                    |          |
| 3,5 m                    |          |
| 4,0 m / H / HP           |          |
| 4,5 m / H / HP           |          |
| 5,0 m HP                 |          |
| 6,0 m HP                 |          |

\*) tool is mounted between the rows of discs.



# The SpeedCutter disc harrow

(for ultra-shallow tillage)

type  
**SpeedCutter**



|                                                                                                                                        | NETPRICE |
|----------------------------------------------------------------------------------------------------------------------------------------|----------|
| Heavy duty Crossboard hydraulic drag*)**                                                                                               |          |
| ProCut knife roller (hydraulic adjustment)**                                                                                           |          |
| Pneumatic brake (4.0 m HP and 4.5 m HP)                                                                                                |          |
| Hydraulic brake (4.0 m HP and 4.5 m HP)                                                                                                |          |
| Supporting wheels 400/60-15.5 for the trailed version                                                                                  |          |
| Levelling side covers                                                                                                                  |          |
| Delimbe aftercrop seeder                                                                                                               |          |
| APV aftercrop seeder                                                                                                                   |          |
| Front reflective plates (mounted machines)                                                                                             |          |
| Front beam with LED lighting (trailed machines)                                                                                        |          |
| Rear LED lighting beam                                                                                                                 |          |
| Maintenance-free roller bearing units (pcs.)***                                                                                        |          |
| *) option with a stabilisation beam is also available ** configuration with supporting wheels is not possible.                         |          |
| *** fittings made of GGG50 spheroidal cast iron with steel cover. The table with the number of bearing units can be found on page 135. |          |



## Ultra shallow tillage – redefining disc cultivation



**Optional rear rollers** Prices on the pages 128 ÷ 132  
string roller with flat bars Ø 460 mm, string roller with cogged bars Ø 460 mm, Packer cogged roller Ø 460/550 mm, tubular-ring roller Ø 450 mm, Crosskill roller Ø 400/500 mm, ring roller Ø 500/600 mm, spring roller Ø 470/550 mm, rubber roller Ø 500 mm, tire roller Ø 600, roller of steel rings 48-52 HRC Ø 600 mm, T-ring roller Ø 500/600 mm, U-ring roller Ø 540 mm, tandem pipe roller Ø 400 mm plus string roller Ø 400 mm, tandem U-ring roller Ø 540 mm, prismatic roller ORION Ø 500 mm.



| Technical data |                 |                   |             |
|----------------|-----------------|-------------------|-------------|
| WORKING WIDTH  | NUMBER OF DISCS | POWER DEMAND (PS) | WEIGHT (kg) |
| 3,0 m          | 24              | 110               | 1495        |
| 3,5 m          | 28              | 130               | 1790        |
| 4,0 m          | 32              | 150               | 2100        |
| 4,0 m H        | 32              | 150               | 2900        |
| 4,5 m H        | 36              | 160               | 3190        |
| 4,0 m HP       | 32              | 150               | 4030        |
| 4,5 m HP       | 36              | 160               | 4480        |
| 5,0 m HP       | 40              | 180               | 4940        |
| 6,0 m HP       | 48              | 200               | 5500        |

\*) minimum power demand may significantly vary depending on the equipment and soil conditions.

\*\*) weight of the machine with standard equipment.

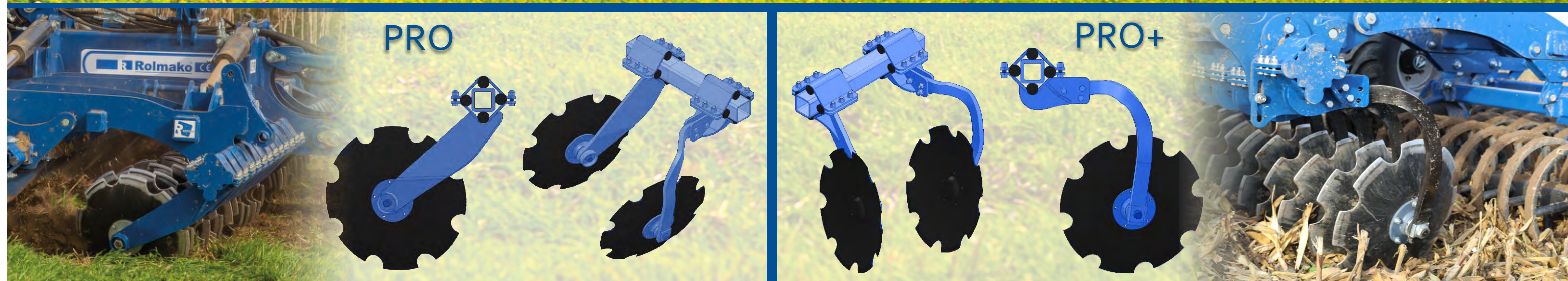


# U 671 PRO and U 671 PRO+ heavy stubble harrow

Presenting the models U 671 PRO and U 671 PRO+, we cease to be modest. The disc harrow can successfully compete with the most expensive machines of the premium brands, exceeding the competitors' products in most factors.



The discs' plough beam in two variants PRO and PRO+







Heavy stubble harrow

(rubber shock absorber 50 mm x 210 mm)

type

U 671 Standard



Standard equipment

OFAS discs 620 mm x 6 mm, rubber shock absorber LongLife Ø 50 mm x 210 mm, maintenance-free bearings EXTREME PRO, spacing between rows of discs 105 cm, pipe roller Ø 500 mm. Standard version equipped with 520/50-17 wheels and pneumatic brake (trailer section placed behind rear roller). Manufacturer recommends the machines with a working width of 6.0 m and 5.0 m to be ordered with a fourth category of the tractor hitch.



Prices for the machines with standard equipment

| WORKING WIDTH | mounted version<br>NET PRICE | trailed version<br>NET PRICE |
|---------------|------------------------------|------------------------------|
| 3,0 m*        |                              |                              |
| 3,5 m         |                              |                              |
| 4,0 m         |                              |                              |
| 4,0 m HP      |                              |                              |
| 4,5 m HP      |                              |                              |
| 5,0 m HP      |                              |                              |
| 6,0 m HP      |                              |                              |

HP - hydraulic folding machines, transport width does not exceed 3 m.

\*) as standard disc harrow exceeds 3m transport width, hydraulic folding of extreme discs to the transport position is available.



Optional equipment (surcharge to the price of the machine with standard equipment)

| WORKING WIDTH  | Finger comb beam *<br>NET PRICE |
|----------------|---------------------------------|
| 3,0 m          |                                 |
| 3,5 m          |                                 |
| 4,0 m/4,0 m HP |                                 |
| 4,5 m HP       |                                 |
| 5,0 m HP       |                                 |
| 6,0 m HP       |                                 |

\*) the tool is mounted between the rows of discs or between the rear row of discs and the tillage roller. The price applies to one beam with a finger comb.



Optional equipment

|                                                                    | NET PRICE |
|--------------------------------------------------------------------|-----------|
| Hydraulic brake                                                    |           |
| Hydraulic depth adjustment (3,0 m disc harrow)                     |           |
| Hydraulic depth adjustment (disc harrow 3,5 m/4,0 m)               |           |
| Hydraulic folding of the discs to the transport position*          |           |
| Hydraulic adjustment of the rear discs beam**                      |           |
| Hydraulic rear transporting wheel 400 / 60-15.5 (mounted machines) |           |
| 400/60-15.5 supporting wheels for trailed version                  |           |
| Levelling discs with shock absorber                                |           |
| Front reflective plates (mounted machines)                         |           |
| Front LED lighting beam (trailed machines)                         |           |
| Rear LED lighting beam                                             |           |
| Backlit license plate frame                                        |           |
| Maintenance-free roller bearing unit (pc.)***                      |           |

\*) option available for a disc harrow with a width of 3 m, the machine in the transport position is not exceeding 3 m.

\*\*) option available for machines with a rigid frame. The adjustments are mechanical as standard.

\*\*\*) fittings made of spheroidal cast iron GGG50 with steel cover. Table with the number of bearing units on page 135.



Optional rear roller Prices on the pages 128 ÷ 132

Packer cogged roller Ø 550/650 mm, Crosskill roller Ø 500 mm, ring roller Ø 500/600 mm, spring roller Ø 550 mm, rubber roller Ø 500/700 mm, roller of steel rings 48-52HRC Ø 600 mm, T-ring roller Ø 500/600 mm, U-ring roller Ø 540 mm, prismatic roller ORION Ø 500 mm.



Heavy stubble harrow

(rubber shock absorber 50 mm x 210 mm)

type

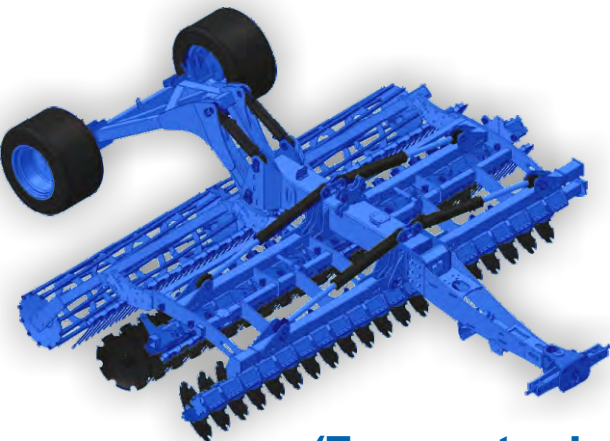
U 671 Standard



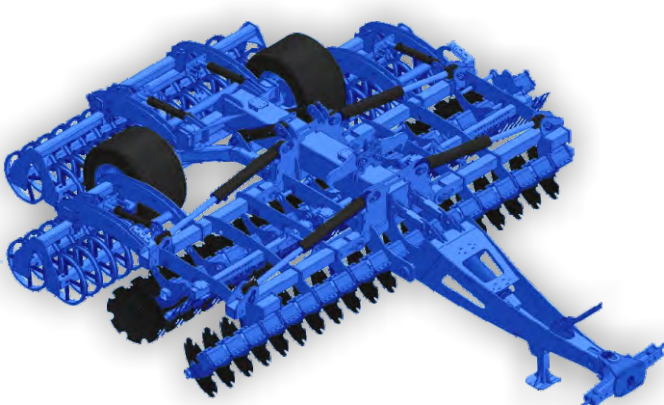
|                | String<br>pipe roller<br>Ø 600 | Packer<br>cogged roller<br>Ø 650 | Ring<br>roller<br>Ø 600 | Rubber<br>roller<br>Ø 700 |
|----------------|--------------------------------|----------------------------------|-------------------------|---------------------------|
| WORKING WIDTH  | NET PRICE                      | NET PRICE                        | NET PRICE               | NET PRICE                 |
| 3,0 m          |                                |                                  |                         |                           |
| 3,5 m/4,0 m    |                                |                                  |                         |                           |
| 4,0 m HP       |                                |                                  |                         |                           |
| 4,5 m/5,0 m HP |                                |                                  |                         |                           |
| 6,0 m HP       |                                |                                  |                         |                           |

U 671 Standard

U 671 PRO



(Transport axle  
behind rear roller)



(Transport axle  
in front of rear roller)



Heavy stubble harrow

(rubber shock absorber 50 mm x 210 mm)

type

U 671 PRO



Standard equipment

Hitching beam, 620mm x 6mm OFAS discs, rubber shock absorber LongLife Ø 50mm x 210mm, maintenance-free bearings EXTREME PRO, distance between between the rows of discs - 105 cm, hydraulic adjustment of working depth, pipe roller Ø 500mm. Harrow U-671 PRO is available only in hydraulic folding version. The machine is equipped with 520/50-17 wheels and pneumatic brake (with the trailer section in front of the roller). Available additional options are the same as in U-671 Standard disc harrow. Manufacturer recommends machines with a width of 5.0 m/6.0 m to be ordered with a fourth category of the tractor hitch.

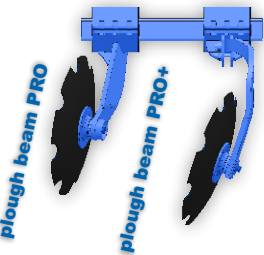


Prices for the machines with standard equipment

| WORKING WIDTH | Version PRO<br>NET PRICE | Version PRO +*<br>NET PRICE |
|---------------|--------------------------|-----------------------------|
| 4,0 m HP      |                          |                             |
| 4,5 m HP      |                          |                             |
| 5,0 m HP      |                          |                             |
| 6,0 m HP      |                          |                             |

HP - hydraulic folding machines, transport width does not exceed 3 m.

\*) the PRO+ version is characterised by even more aggressive inclination angle of the disc (it has become achievable) owing to the use of new plough beams and LongLife shock absorbers).



Optional rear rollers Prices on the pages 128 ÷ 132

Packer cogged roller Ø 550/650 mm, Crosskill roller Ø 500 mm, ring roller Ø 500/600 mm, spring roller Ø 550 mm, rubber roller Ø 500/700 mm, roller of steel rings 48-52HRC Ø 600 mm, T-ring roller Ø 500/600 mm, U-ring roller Ø 540 mm, tandem pipe roller Ø 400 mm in pair with string roller with flat bars Ø 400 mm, tandem pipe roller Ø 400 mm, tandem U-ring Ø 540 mm, prismatic roller ORION Ø 500 mm.





## Heavy stubble harrow

(rubber shock absorber 50 mm x 210 mm)

type

U 671



## Heavy stubble harrow

(rubber shock absorber 50 mm x 210 mm)

type

U 671



### EXTREME

A disc hub secured with 7-lip cartridge seal and the highest-class double row angular bearing with high capacity, combined with an aggressive inclination angle of operating elements, are the most effective and efficient cultivating tools.

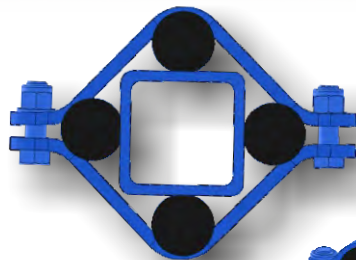
Ø 620 mm



Discs with a thickness of 6 mm are manufactured by the OFAS company with the use of raw materials from the best European steel producers, which in combination with the latest production technologies allows to operate with one set of discs up to 5,000 and more hectares.



## The highest durability operating elements



Durable bearing units and long-life discs would be an unnecessary investment without a shock absorber, which in terms of quality, harmonises with the previously mentioned elements of the disc harrow.

Experience gained during tests in large-area farms and knowledge acquired in cooperation with engineering companies led to the creation of a shock absorber that will meet the requirements of the 620 mm x 6 mm disc with very high pressure in relation to one operating element of the machine.

[www.rolmako.com/longlife.pdf](http://www.rolmako.com/longlife.pdf)

**The extended lifespan of operating elements was achieved owing to the use of the highest quality components**



### Specifications

| WORKING WIDTH | NUMBER OF DISCS | POWER DEMAND (HP)* | WEIGHT U 671 Standard (kg)** | WEIGHT U 671 PRO (kg)** |
|---------------|-----------------|--------------------|------------------------------|-------------------------|
| 3,0 m         | 24              | 120                | 2120                         | x                       |
| 3,5 m         | 28              | 140                | 2370                         | x                       |
| 4,0 m         | 32              | 160                | 2580                         | x                       |
| 4,0 m HP      | 32              | 160                | 5060                         | 5940                    |
| 4,5 m HP      | 36              | 180                | 5390                         | 6380                    |
| 5,0 m HP      | 40              | 200                | 5940                         | 7040                    |
| 6,0 m HP      | 48              | 240                | 6600                         | 7920                    |

\*) minimum power demand can vary greatly depending on the equipment and soil conditions.

\*\*) weight of the machine with standard equipment.





Disc harrow adapted to be coupled with high power tractors

type

U 665 PowerDisc



OFAS toothed disc with a diameter of 560 mm, LongLife rubber shock absorber: 40 mm x 180 mm, AgriHub maintenance-free hubs, distance between the rows of discs: 90 cm, hydraulic lock for the time of transport, hydraulic transport foot, pipe roller: Ø 500 mm, maintenance-free roller bearings and a pneumatic brake. All widths are equipped with a transport axle on 600/55R22.5 wheels and 340/55R16 support wheels. The machine is coupled with a tractor with the use of the Scharmüller drawbar eye with self-aligning bearing. At the customer's request, a smooth, fine-toothed or corrugated SpeedCutter disc is installed.



Price of the machine with standard equipment

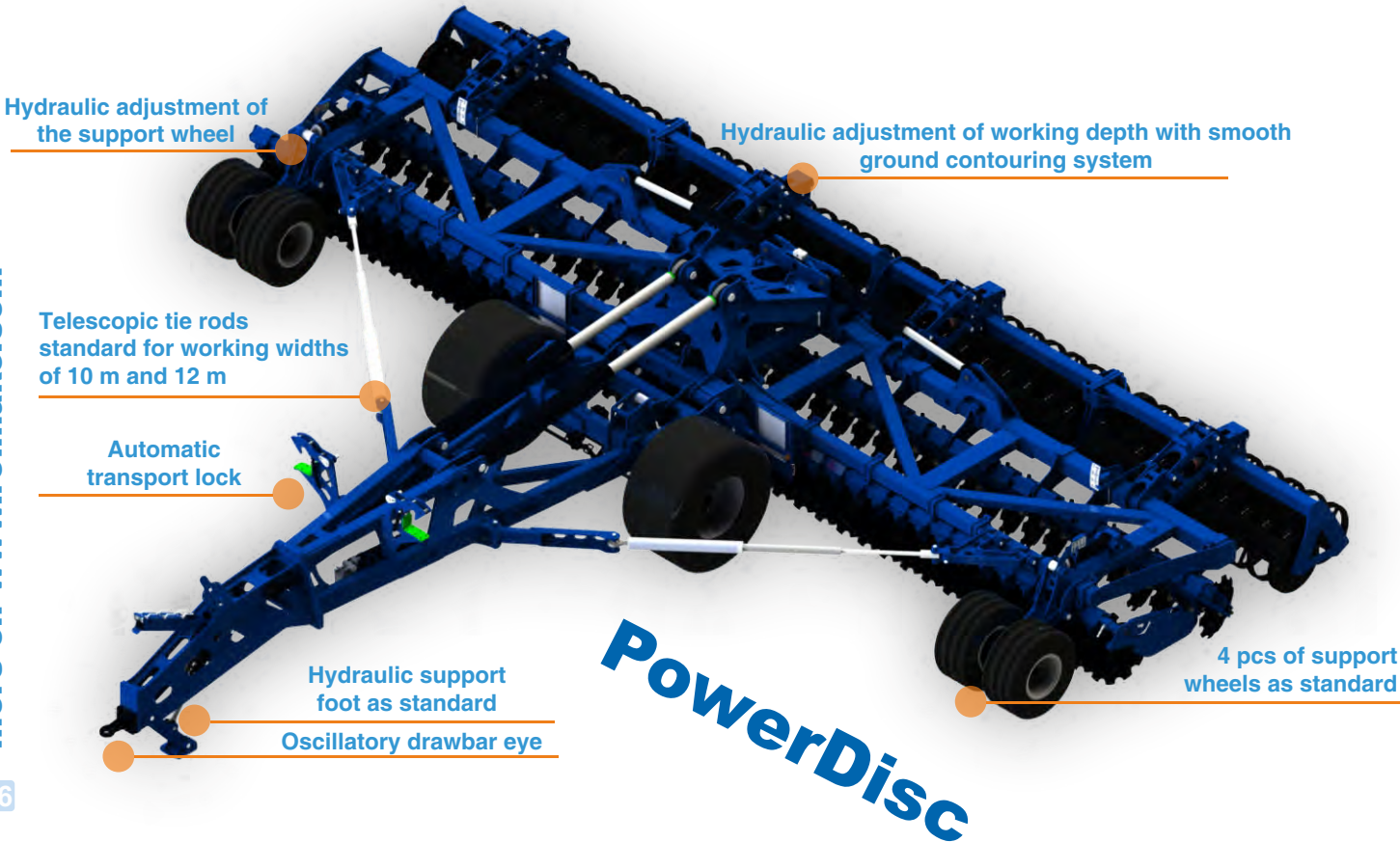
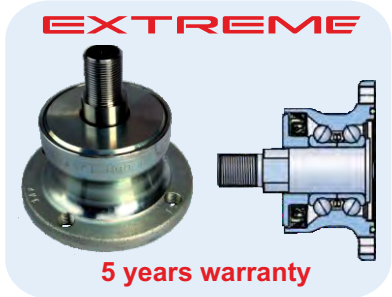
| WORKING WIDTH | NET PRICE |
|---------------|-----------|
| 8,0 m         |           |
| 9,0 m         |           |
| 10,0 m        |           |
| 11,0 m        |           |
| 12,0 m        |           |



Optional equipment (additional payment for the price of the machine with standard equipment)

| Disc hub      | maintenance-free hub EXTREME* |
|---------------|-------------------------------|
| WORKING WIDTH | NET PRICE                     |
| 8,0 m         |                               |
| 9,0 m         |                               |
| 10,0 m        |                               |
| 11,0 m        |                               |
| 12,0 m        |                               |

\*) 5 years warranty.



PowerDisc



Disc harrow adapted to be coupled with high power tractors

type

U 665 PowerDisc



Optional equipment (additional payment for the price of the machine with standard equipment)

|                                                            | NET PRICE |
|------------------------------------------------------------|-----------|
| ALFA disc: 560 mm x 5 mm (pc x no. of discs)               |           |
| SpeedCutter disc: 440 mm (pc x no. of discs)               |           |
| SpeedCutter disc: 510 mm (pc x no. of discs)               |           |
| Front Crossboard* heavy duty drag                          |           |
| Crossboard reinforced front drag with a stabilization beam |           |
| Hydraulic brake                                            |           |
| Levelling side covers                                      |           |
| Front beam with LED lighting                               |           |
| Rear LED lighting beam                                     |           |
| Backlit license plate frame                                |           |



Optional rear rollers

string roller with flat bars Ø 460 mm, string roller with cogged bars Ø 460 mm, Packer cogged roller Ø 460/550 mm, tubular-ring roller Ø 450 mm, Crosskill roller Ø 400/500 mm, ring roller Ø 500/600 mm, spring roller Ø 470/550 mm, rubber roller Ø 500 mm, tire roller Ø 600, roller of steel rings 48-52 HRC Ø 600 mm, T-ring roller Ø 500/600 mm, U-ring roller Ø 540 mm, tandem pipe roller Ø 400 mm plus string roller Ø 400 mm, tandem U-ring roller Ø 540 mm, tandem V-ring Ø 600 mm, prismatic roller ORION Ø 500 mm.



Technical data

| WORKING WIDTH | NUMBER OF DISCS | POWER DEMAND (HP)* | WEIGHT (kg)** |
|---------------|-----------------|--------------------|---------------|
| 8,0 m         | 64              | 260                | 10500         |
| 9,0 m         | 72              | 300                | 11000         |
| 10,0 m        | 80              | 340                | 11500         |
| 11,0 m        | 88              | 380                | 12250         |
| 12,0 m        | 96              | 420                | 13000         |

\*) minimum power demand may significantly vary depending on the equipment and soil conditions.

\*\*) weight of the machine with standard equipment.





# Rollers for tillage machines

(extra charge to the machine for roller other than pipe roller)

String pipe roller Ø 600 mm

| Working width | NET PRICE |
|---------------|-----------|
| 8m H          |           |
| 9m H          |           |
| 10m H         |           |
| 11m H         |           |
| 12m H         |           |

String roller with cogged bars: Ø 460 mm

| Working width | NET PRICE |
|---------------|-----------|
| 8m H          |           |
| 9m H          |           |
| 10m H         |           |
| 11m H         |           |
| 12m H         |           |

Packer cogged roller

| Working width | 460 mm<br>NET PRICE | 550 mm<br>NET PRICE |
|---------------|---------------------|---------------------|
| 8m H          |                     |                     |
| 9m H          |                     |                     |
| 10m H         |                     |                     |
| 11m H         |                     |                     |
| 12m H         |                     |                     |

Tubular-ring roller: Ø 450 mm

| Working width | NET PRICE |
|---------------|-----------|
| 8m H          |           |
| 9m H          |           |
| 10m H         |           |
| 11m H         |           |
| 12m H         |           |

Crosskill roller

| Working width | 400 mm<br>NET PRICE | 500 mm<br>NET PRICE |
|---------------|---------------------|---------------------|
| 8m H          |                     |                     |
| 9m H          |                     |                     |
| 10m H         |                     |                     |
| 11m H         |                     |                     |
| 12m H         |                     |                     |

Ring (V-ring) roller\*

| Working width | 500 mm<br>NET PRICE | 600 mm<br>NET PRICE |
|---------------|---------------------|---------------------|
| 8m H          |                     |                     |
| 9m H          |                     |                     |
| 10m H         |                     |                     |
| 11m H         |                     |                     |
| 12m H         |                     |                     |

\*) the roller can be equipped with an optional cleaning drag EASYCLEAN.

Spring roller

| Working width | 470 mm<br>NET PRICE | 550 mm*<br>NET PRICE |
|---------------|---------------------|----------------------|
| 8m H          |                     |                      |
| 9m H          |                     |                      |
| 10m H         |                     |                      |
| 11m H         |                     |                      |
| 12m H         |                     |                      |

\*) roller with a diameter of 550 mm can be equipped with an optional EASYCLEAN cleaning drag.

EASYCLEAN cleaning beam\*

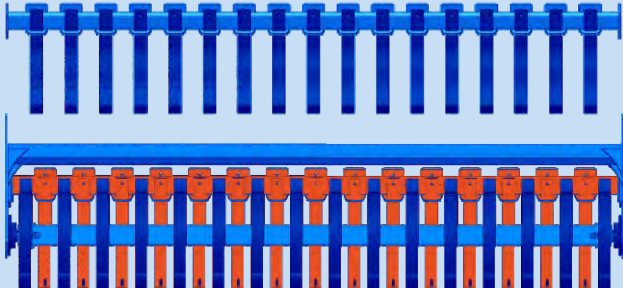
| Working width | NET PRICE |
|---------------|-----------|
| 8m H          |           |
| 9m H          |           |
| 10m H         |           |
| 11m H         |           |
| 12m H         |           |

\*) option available for V-ring roller 500/600 mm and spring roller 550 mm.

Optional beam  
EasyClean\*

of the V-ring 500/600 mm roller  
and 550 m spring roller

\*) standard equipment for U-ring and T-ring rollers.





# Rollers for tillage machines

(extra charge to the machine for roller other than pipe roller)

Rubber roller Ø 500 mm

| Working width | NET PRICE |
|---------------|-----------|
| 8m H          |           |
| 9m H          |           |
| 10m H         |           |
| 11m H         |           |
| 12m H         |           |

Roller of steel rings 48-52 HRC Ø 600 mm

| Working width | NET PRICE |
|---------------|-----------|
| 8m H          |           |
| 9m H          |           |
| 10m H         |           |
| 11m H         |           |
| 12m H         |           |

T-ring roller\*

| Working width | 500 mm<br>NET PRICE | 600 mm<br>NET PRICE |
|---------------|---------------------|---------------------|
| 8m H          |                     |                     |
| 9m H          |                     |                     |
| 10m H         |                     |                     |
| 11m H         |                     |                     |
| 12m H         |                     |                     |

\*) as standard, the T-ring roller is equipped with the EASYCLEAN drag between the rings, which protects the roller from clogging.

U-ring roller\* Ø 540 mm\*

| Working width | NET PRICE |
|---------------|-----------|
| 8m H          |           |
| 9m H          |           |
| 10m H         |           |
| 11m H         |           |
| 12m H         |           |

\*) the U-ring roller is equipped as standard with the EASYCLEAN drag between the rings, which protects the roller from clogging.

Tandem pipe roller Ø 400 plus string roller Ø 400

| Working width | NET PRICE |
|---------------|-----------|
| 8m H          |           |
| 9m H          |           |
| 10m H         |           |
| 11m H         |           |
| 12m H         |           |

Tandem pipe roller Ø 400

| Working width | NET PRICE |
|---------------|-----------|
| 8m H          |           |
| 9m H          |           |
| 10m H         |           |
| 11m H         |           |
| 12m H         |           |

Tyre roller Ø 600 mm\*

| Working width | NET PRICE |
|---------------|-----------|
| 8m H          |           |
| 9m H          |           |
| 10m H         |           |
| 11m H         |           |
| 12m H         |           |

\*) the roller cannot be used to transport the machine, it is a roller intended only for cultivation 🚧

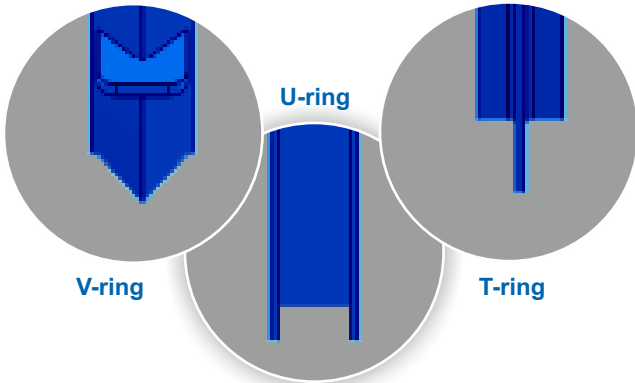
Prismatic roller ORION 500 mm

| Working width | NET PRICE |
|---------------|-----------|
| 8m H          |           |
| 9m H          |           |
| 10m H         |           |
| 11m H         |           |
| 12m H         |           |

Tandem U-ring Ø 540 mm / Tandem V-ring Ø 600 mm

| Working width | NET PRICE |
|---------------|-----------|
| 8m H          |           |
| 9m H          |           |
| 10m H         |           |
| 11m H         |           |
| 12m H         |           |

Roller rings



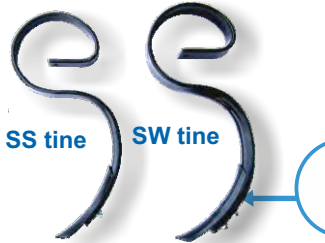


**Universal crop cultivator**  
for pre-sowing and stubble tillage

type  
**U 497**

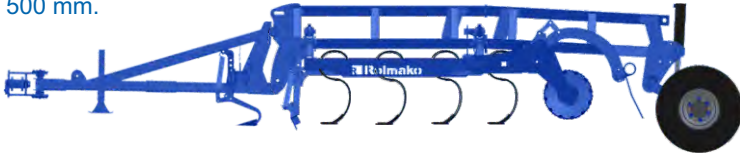


**Two variants of the machine**



**Standard equipment**

Four rows of SS tines with coulter (45x12 mm spring) for pre-sowing or universal SW / ST tine (70x12 mm spring / 90x13 mm) for pre-sowing and stubble. SW / ST tine ended with pre-sowing coulter, optionally goosefoot stubble coulter. Rear pipe roller Ø 500 mm.



**Price of the machine with standard equipment**

|               | SS tines 45x12 mm<br>NET PRICE | SW tines 70x12 mm*<br>NET PRICE | ST tines 90x13 mm** |
|---------------|--------------------------------|---------------------------------|---------------------|
| WORKING WIDTH |                                |                                 |                     |
| 3,0 m         |                                |                                 |                     |
| 3,5 m         |                                |                                 |                     |
| 4,0 m         |                                |                                 |                     |
| 4,0 m H       |                                |                                 |                     |
| 4,5 m H       |                                |                                 |                     |
| 5,0 m H       |                                |                                 |                     |
| 6,0 m H       |                                |                                 |                     |

H - hydraulically folded machines, transport width does not exceed 3,0 m.

\*) available 300 x 52 x 7 mm coulter or goosefoot with 200 mm coulter.

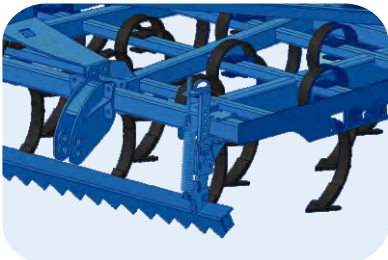
\*\*) available 300 x 60 x 10 mm coulter or goosefoot with 280 mm coulter.



**Optional equipment (surcharge to the price of the machine with standard equipment)**

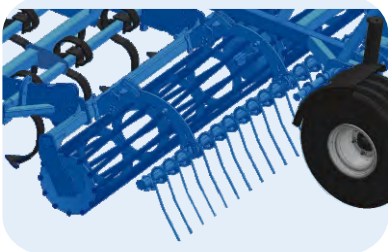
**Front mechanical drag**

| WORKING WIDTH  | NET PRICE |
|----------------|-----------|
| 3,0 m          |           |
| 3,5 m          |           |
| 4,0 m/ 4,0 m H |           |
| 4,5 m H        |           |
| 5,0 m H        |           |
| 6,0 m H        |           |



**Spring comb beam**

| WORKING WIDTH  | NET PRICE |
|----------------|-----------|
| 3,0 m          |           |
| 3,5 m          |           |
| 4,0 m/ 4,0 m H |           |
| 4,5 m H        |           |
| 5,0 m H        |           |
| 6,0 m H        |           |



**Tractors track looseners for trailed version (set)**

| WORKING WIDTH     | NET PRICE |
|-------------------|-----------|
| 3,0 m/3,5 m/4,0 m |           |

4,0 m H/4,5 m H/5,0 m H/6,0 m H

\*) machine in the rigid version is equipped with two looseners, in the hydraulically folded version, with four ones.



**Tine reinforcement (pcs)\***

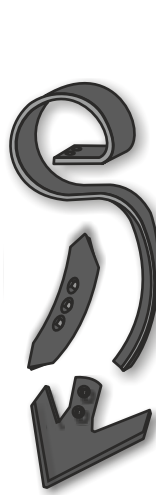
| WORKING WIDTH  | SW<br>NET PRICE | ST<br>NET PRICE |
|----------------|-----------------|-----------------|
| 3,0 m          |                 |                 |
| 3,5 m          |                 |                 |
| 4,0 m/ 4,0 m H |                 |                 |
| 4,5 m H        |                 |                 |
| 5,0 m H        |                 |                 |
| 6,0 m H        |                 |                 |



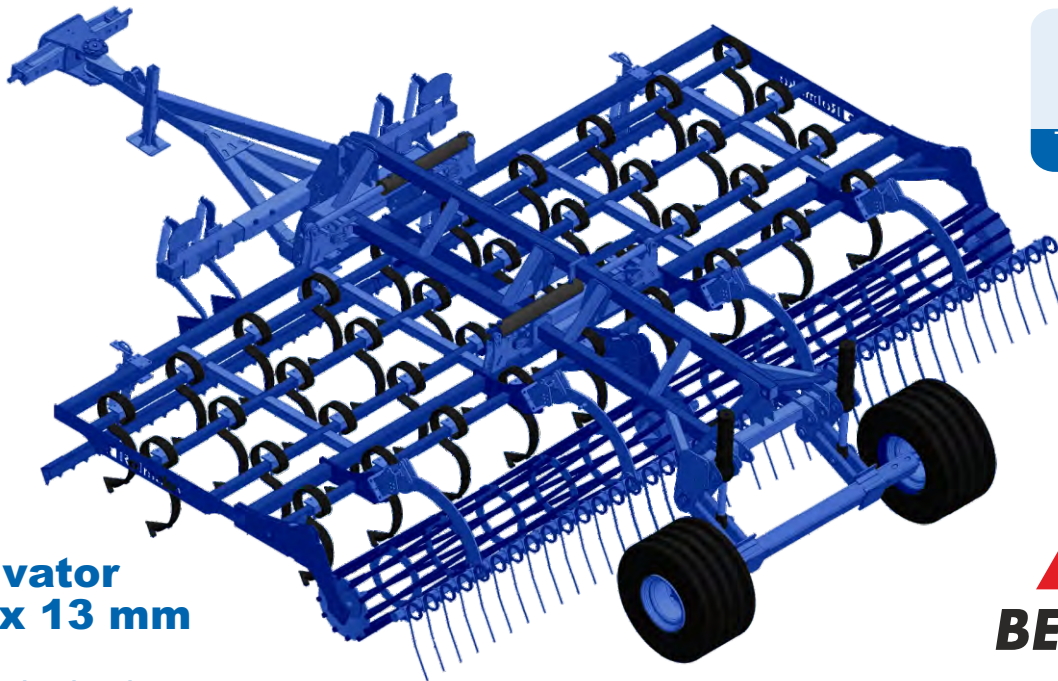
\*) the option is available only when buying a machine, it cannot be added later in its operation period.

**Universal crop cultivator**  
for pre-sowing and stubble tillage

type  
**U 497**



**ST cultivator**  
tine 90 x 13 mm



**Optional equipment**

|                                                                    | NET PRICE |
|--------------------------------------------------------------------|-----------|
| Upgrade to the trailed version*                                    |           |
| 185/65-15 supporting wheels for the trailed version                |           |
| Hydraulic adjustment of working depth (rigid frame)                |           |
| Hydraulic adjustment of working depth (hydraulically folded frame) |           |
| Goosefoot to SW 200 mm tine (pc.)                                  |           |
| Goosefoot to ST 280 mm tine (pc.)                                  |           |
| Pneumatic brake                                                    |           |
| Hydraulic brake                                                    |           |
| Delimbe aftercrop seeder                                           |           |
| APV aftercrop seeder                                               |           |
| Front reflective plates (mounted machines)                         |           |
| Front LED lighting beam (trailed machines)                         |           |
| Rear LED lighting beam                                             |           |
| Backlit license plate frame                                        |           |
| Maintenance-free roller bearing unit (pc.)*                        |           |

\*) drawbar + transporting trailer, 400/60-15.5 wheels.

\*\*) fittings made of spheroidal cast iron GGG50 with steel cover. Table with the number of bearing units on page 135.



**Optional rear rollers**

Prices on the pages 128 + 132

string roller with flat bars Ø 460 mm, string roller with cogged bars Ø 460 mm, Packer cogged roller Ø 460, tubular-ring roller Ø 450 mm, Crosskill roller Ø 400/500 mm, ring roller Ø 500 mm, spring roller Ø 470 mm, rubber roller Ø 500 mm, spiral roller Ø 455 mm, T-ring roller Ø 500/600 mm, U-ring roller Ø 540 mm, tandem pipe roller Ø 400 mm plus string roller Ø 400 mm\*, tandem U-ring roller Ø 540 mm\*, prismatic roller ORION Ø 500 mm.

\*) in case of trailed machines, the beam with a spring comb version cannot be combined with the Tandem roller.



**Specifications**

| WORKING WIDTH | NUMBER OF TINES | POWER DEMAND (HP)* |          |          | WEIGHT (kg)** |          |          |
|---------------|-----------------|--------------------|----------|----------|---------------|----------|----------|
|               |                 | SS TINES           | SW TINES | ST TINES | SS TINES      | SW TINES | ST TINES |
| 3,0 m         | 19              | 70                 | 85       | 105      | 835           | 985      | 1145     |
| 3,5 m         | 22              | 80                 | 95       | 120      | 895           | 1070     | 1250     |
| 4,0 m         | 26              | 90                 | 105      | 130      | 975           | 1180     | 1395     |
| 4,0 m H       | 26              | 90                 | 105      | 130      | 1725          | 1910     | 2125     |
| 4,5 m H       | 28              | 100                | 115      | 145      | 1785          | 1980     | 2215     |
| 5,0 m H       | 32              | 110                | 125      | 160      | 1900          | 2120     | 2385     |
| 6,0 m H       | 38              | 135                | 150      | 190      | 2140          | 2400     | 2720     |

\*) minimum power requirement can vary depending on the machine equipment and soil conditions.

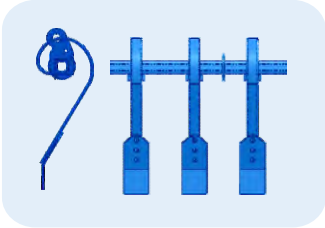
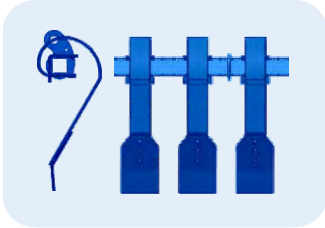
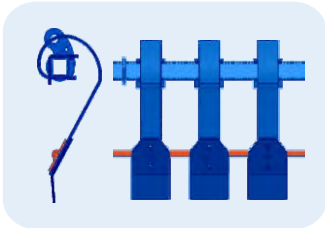
\*\*) weight of the machine with standard equipment, trailed version additional 1280 kg.

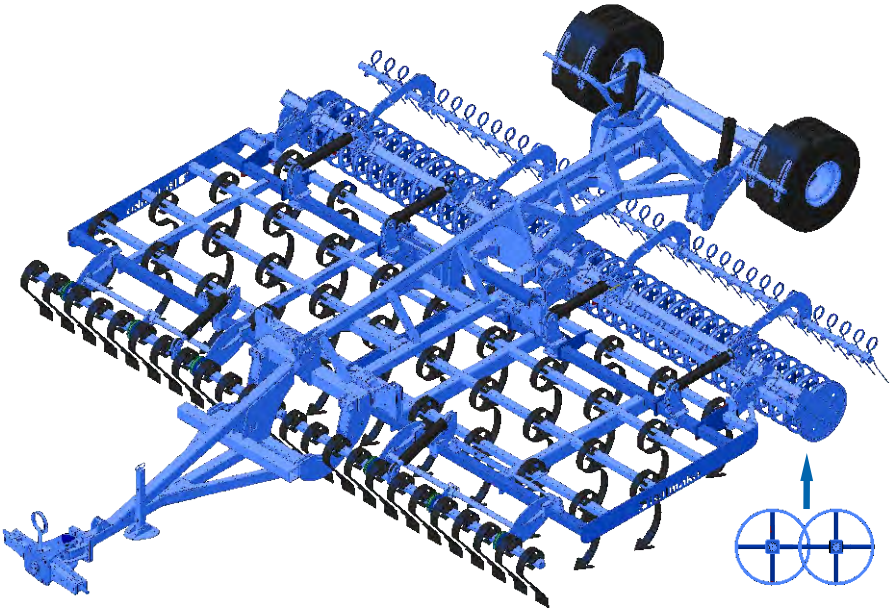
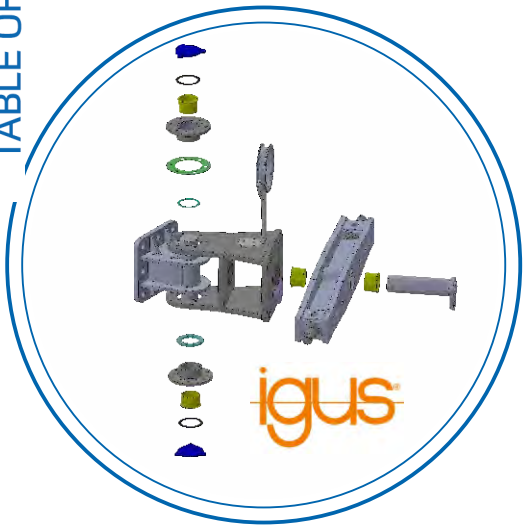


**Universal crop cultivator**  
for pre-sowing and stubble tillage

type  
**U 497**

Variants of working elements of the Crossboard front drag

|                                                                                   |                                                                                   |                                                                                    |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
|  |  |  |
| - 45x10 mm spring<br>- 100 mm runner                                              | - 80x10 mm spring<br>- 150 mm runner                                              | - 80x10 mm spring<br>- 150 mm runner<br>- stabilisation beam                       |
| Crossboard front drag*                                                            | mechanic<br>NET PRICE                                                             | hydraulic<br>NET PRICE                                                             |
| - 45x10 mm spring<br>- 100 mm runner                                              | WIDTH                                                                             |                                                                                    |
|                                                                                   | 2,7 m/ 3,0 m                                                                      |                                                                                    |
|                                                                                   | 3,5 m                                                                             |                                                                                    |
|                                                                                   | 4,0 m                                                                             |                                                                                    |
|                                                                                   | 4,0 m H                                                                           |                                                                                    |
|                                                                                   | 4,5 m H                                                                           |                                                                                    |
|                                                                                   | 5,0 m H                                                                           |                                                                                    |
|                                                                                   | 6,0 m H                                                                           |                                                                                    |



**Drawbar hitching beam**

All trailed machines are equipped with a highly durable safety beam that does not require lubrication. Slide bearings and bronze washers are subject to replacement, however, if replaced regularly, make the entire subassembly a device that can boast a long service life.

**Cultivation rollers**

A tillage roller (many variants to choose from), a roller plus an optional spring comb or a Tandem double roller.

**Front Crossboard\* heavy duty drag**

|                                      |              |                        |                                                    |
|--------------------------------------|--------------|------------------------|----------------------------------------------------|
| - 80x10 mm spring<br>- 150 mm runner | WIDTH        | hydraulic<br>NET PRICE | hydraulic with a stabilization beam**<br>NET PRICE |
|                                      | 2,7 m/ 3,0 m |                        |                                                    |
|                                      | 3,5 m        |                        |                                                    |
|                                      | 4,0 m        |                        |                                                    |
|                                      | 4,0 m H      |                        |                                                    |
|                                      | 4,5 m H      |                        |                                                    |
|                                      | 5,0 m H      |                        |                                                    |
|                                      | 6,0 m H      |                        |                                                    |

\*) option available for trailed cultivators, it cannot be mounted in the configuration with front supporting wheels.  
\*\*) heavy duty Crossboard drag equipped with an additional stiffener by connecting all springs together.

**Universal crop cultivator**  
for pre-sowing and stubble tillage

type  
**U 497**

Expansion to a trailed version



Versatility of the construction, for pre-sowing and stubble tillage



Supporting wheels to the trailed version



Looseners of tractor traces



Transport carriage mudguards



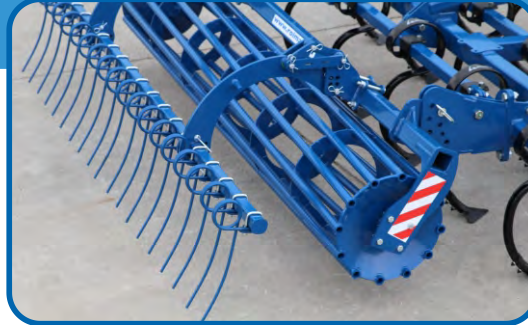
Road lighting



Handles for hydraulic lines



Spring comb



Mechanical drag



Hydraulic safety lock







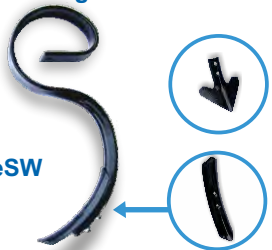
# Combination of a cultivator with a mulch harrow

type

ComboTill



Working element



tineSW

Standard equipment

Four rows of cultivating tines SW tine 70x12 mm for pre-sowing and tillage works  
The SW tine is ended with a pre-sowing coultter, optionally a goosefoot stubble coultter. Behind the tines are three rows of mulch sections equipped with double rods  
16 x 750 mm (from SpringExpert machine) with hydraulic adjustment of working depth





Price of the machine with standard equipment.

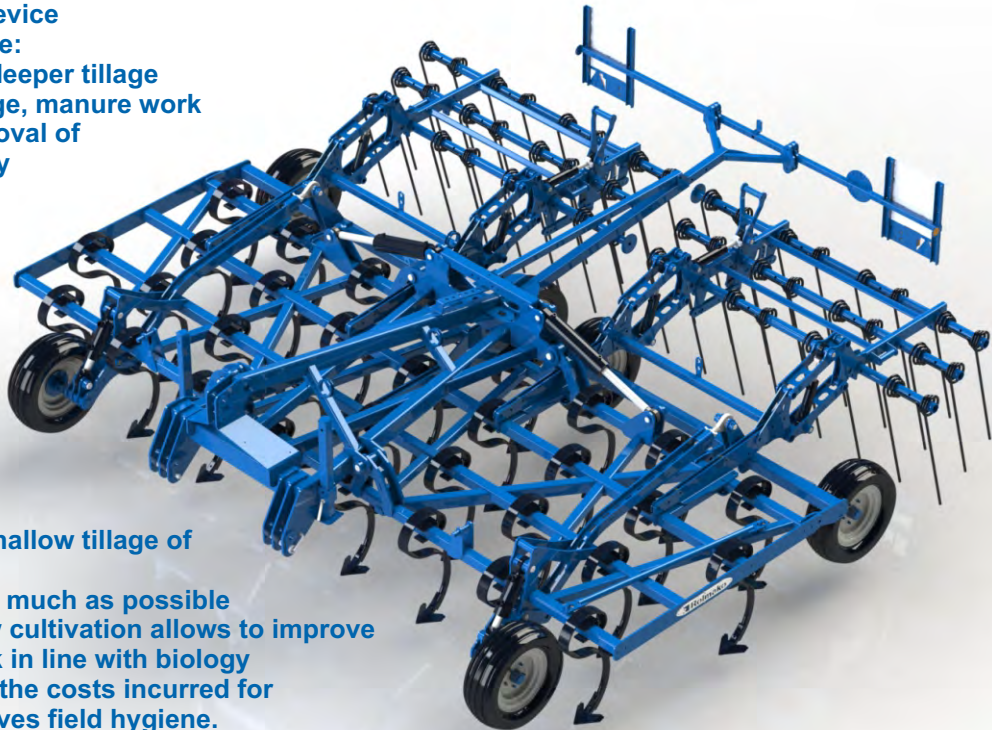
Tines SW 70x12 mm\*

| WORKING WIDTH | NET PRICE |
|---------------|-----------|
| 3,0 m         |           |
| 3,5 m         |           |
| 4,0 m         |           |
| 4,0 m H       |           |
| 4,5 m H       |           |
| 5,0 m H       |           |
| 6,0 m H       |           |

H – hydraulically folded machines, transport width not exceeding 3 m.  
) to choose from a coultter 300 X 52 X 7 mm or a goosefoot with a width of 200 mm (option).



ComboTill is a universal device for versatile year-round use: seeding bed preparation, deeper tillage stubble, ultra-shallow tillage, manure work natural or mechanical removal of weeds are just one of many uses of this cultivator.



ComboTill fits perfectly into the concept of ultra-shallow tillage of stubble – to quickly stimulate emergence of as much as possible self-seeding. Ultra-shallow cultivation allows to improve results at lower cost. Work in line with biology of plants allows to reduce the costs incurred for Chemicals, but also improves field hygiene.



Tine strengthening (pc)\* SW

| WORKING WIDTH  | NET PRICE |
|----------------|-----------|
| 3,0 m          |           |
| 3,5 m          |           |
| 4,0 m/ 4,0 m H |           |
| 4,5 m H        |           |
| 5,0 m H        |           |
| 6,0 m H        |           |

\*) option available only when purchasing the machine, it cannot be added later in the subsequent period of operation.



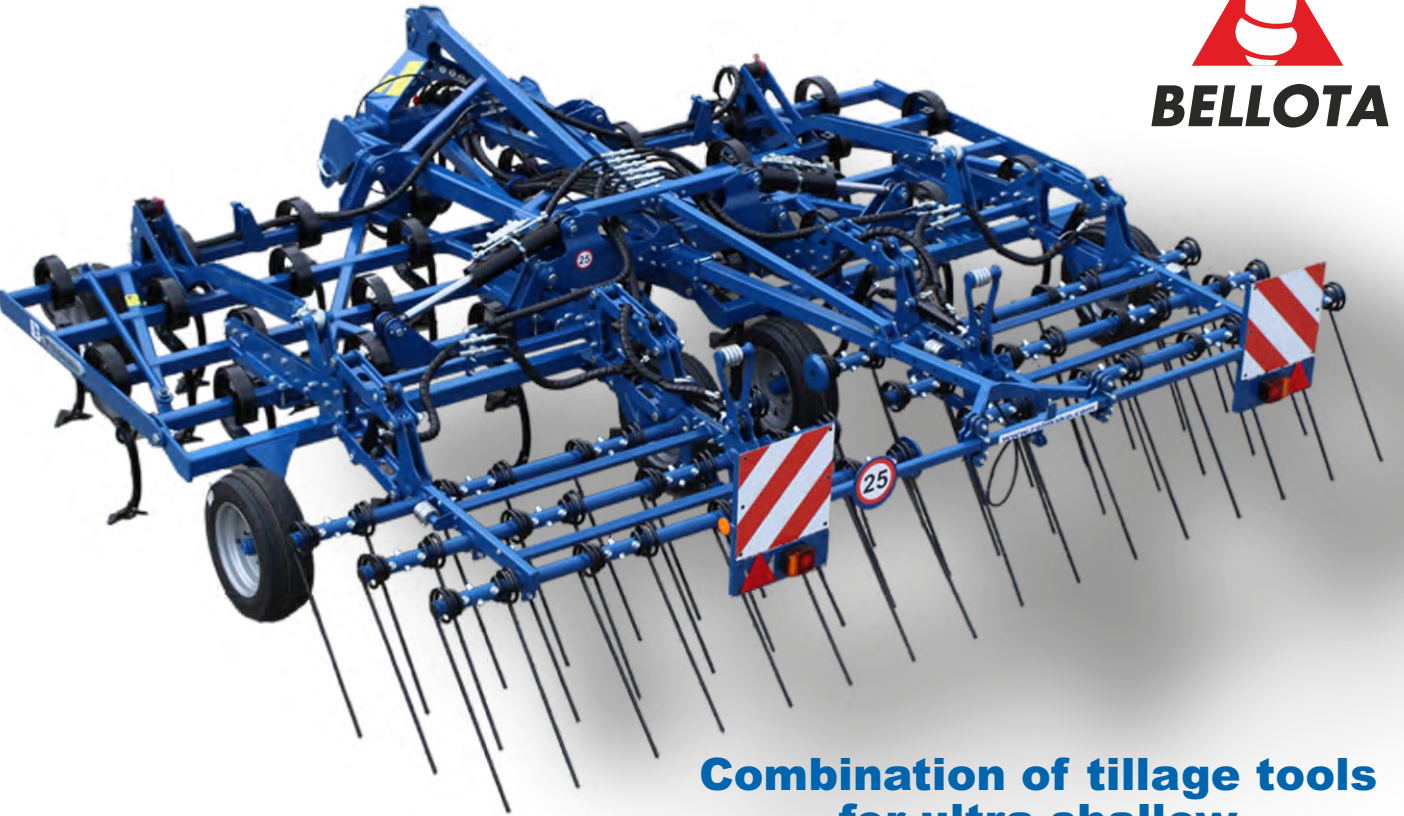


# Combination of a cultivator with a mulch harrow

type

ComboTill





## Combination of tillage tools for ultra-shallow soil cultivation



Other available options:

|                                                                   | NETTOPREIS |
|-------------------------------------------------------------------|------------|
| Goosefoot to SW tine 200 mm (pcs.)                                |            |
| Mechanically adjustable support wheel (rigid frame)*              |            |
| Mechanically adjustable support wheel (hydraulic frame)**         |            |
| Hydraulic front and rear support wheels***                        |            |
| Hydraulic adjustment of the working angle of the mulching section |            |
| Delimbe aftercrop seeder                                          |            |
| APV aftercrop seeder                                              |            |
| Rear beam with LED lighting + front reflective plates             |            |
| Rear beam with LED lighting + front beam with LED lighting        |            |
| Rear LED lighting beam                                            |            |

\*) 2 support wheels behind the cultivator section – option available for machines with a rigid frame.  
) 4 support wheels behind the cultivator section – option available for machines with a hydraulically folded frame.  
) 6 support wheels, 2 front and 4 rear – all set synchronously controlled.



Technical data

| WORKING WIDTH | NUMBER OF TINES | POWER DEMAND (HP) | WEIGHT (kg) |
|---------------|-----------------|-------------------|-------------|
| 3,0 m         | 19              | 85                | 1150        |
| 3,5 m         | 22              | 95                | 1250        |
| 4,0 m         | 26              | 105               | 1380        |
| 4,0 m H       | 26              | 105               | 2240        |
| 4,5 m H       | 28              | 115               | 2320        |
| 5,0 m H       | 32              | 125               | 2480        |
| 6,0 m H       | 38              | 150               | 2800        |

\*) minimum power demand may significantly vary depending on the equipment and soil conditions.  
) weight of the mounted machine with standard equipment.





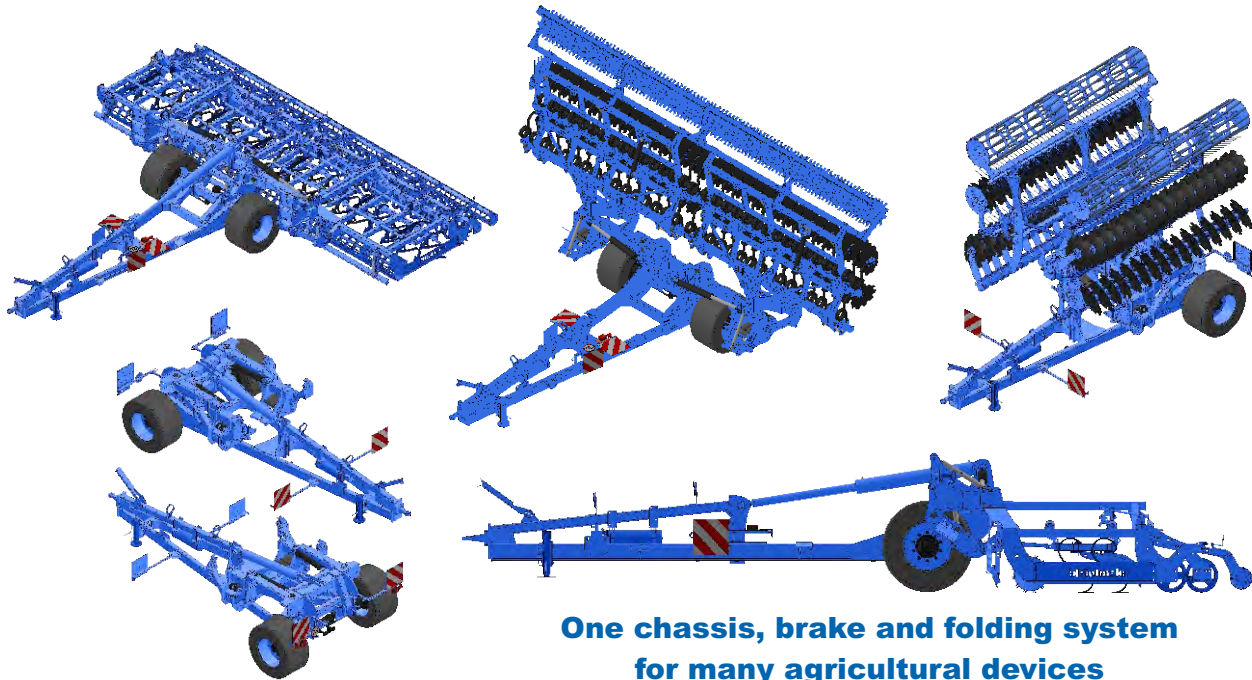
# BigField system carrier 8,0 m

## A set of tillage machines with a width of 8,0 m



Standard equipment

Hydraulic three-point suspension system that allows to connect two tillage machines with a width of 4,0 m. The transport system is equipped with high load capacity wheels 600/50R22,5 and a pneumatic brake. **BigField** system carrier is coupled with a tractor with the use of the Scharmüller drawbar eye on the transport hitch (ball hitch as an option).



One chassis, brake and folding system for many agricultural devices

Standard equipment of machines compatible with the **BigField** system:

1. **Compact seedbed cultivator U 684**  
Front drag, front string roller with flat bars Ø 450 mm, basic version with four rows of tines (choice of **SU** or **SA** tine) or two rows of tines (choice of **SG** or **SX** tine), side covers, rear pipe roller Ø 450mm, ARMOR bearing units of the roller, rear drag.
2. **Compact seedbed cultivator U 684 PRO**  
Front drag, front string roller with flat bars Ø 450 mm, basic version with four rows of tines (choice of **SU** or **SA** tine) or two rows of tines (choice of **SG** or **SX** tine), side covers, rear double Crosskill roller Ø 400 mm, ARMOR bearing units of the roller.
3. **Compact disc harrow U 693**  
Toothed disc with a diameter of 510 mm made of boron steel 45-48 HRC, ZVL PREMIUM tapered discs bearing, (lubrication every 150 ha for 3,0 m machine width) rubber shock absorber 40 mm x 180 mm and pipe roller Ø 500 mm, ARMOR bearing units of the roller. On Customer's request, a smooth disc or a fine toothed disc can be mounted. As standard, the machine has an option of shifting the rear roller away from the discs by 150 mm; this option is suitable for expansion with hydraulic depth adjustment and expansion with a Crossboard drag.
4. **Disc harrow U 652**  
OFAS toothed disc with a diameter of 560 mm, rubber shock absorber LongLife 40mm x 180mm, maintenance-free AgriHub hubs, spacing between the rows of discs 90 cm, hydraulic adjustment of the working depth, pipe roller Ø 500 mm, ARMOR bearing units of the roller.
5. **Heavy stubble harrow U 671**  
OFAS discs 620 mm x 6 mm, rubber shock absorber LongLife Ø 50 mm x 210 mm, maintenance-free bearings EXTREME PRO, spacing between rows of discs 105 cm, pipe roller Ø 500 mm, ARMOR bearing units of the roller.
6. **Universal cultivator U 497**  
Four rows of **SS** tines with coulter (45x12 mm spring) for pre-sowing or universal **SW** / **ST** tine (70x12 mm spring / 90x13 mm) for pre-sowing and stubble. **SW** / **ST** tine ended with pre-sowing coulter, optionally goosefoot stubble coulter. Rear pipe roller Ø 500 mm, ARMOR bearing units of the roller.



# BigField system carrier 8,0 m

## A set of tillage machines with a width of 8,0 m



Price of the machine with standard equipment

| BigField system carrier*             | WORKING ELEMENTS | WORKING WIDTH | NET PRICE |
|--------------------------------------|------------------|---------------|-----------|
| Compact seedbed cultivator U 684     | SU tine 32x12 mm | 8,0 m         |           |
| Compact seedbed cultivator U 684     | SA tine 45x12 mm | 8,0 m         |           |
| Compact seedbed cultivator U 684     | SG tine 25x25 mm | 8,0 m         |           |
| Compact seedbed cultivator U 684     | SX tine 50x10 mm | 8,0 m         |           |
| Compact seedbed cultivator U 684 PRO | SU tine 32x12 mm | 8,0 m         |           |
| Compact seedbed cultivator U 684 PRO | SA tine 45x12 mm | 8,0 m         |           |
| Compact seedbed cultivator U 684 PRO | SG tine 25x25 mm | 8,0 m         |           |
| Compact seedbed cultivator U 684 PRO | SX tine 50x10 mm | 8,0 m         |           |
| Compact disc harrow U 693            | 510 mm disc      | 8,0 m         |           |
| Disc harrow U 652                    | 560 mm disc      | 8,0 m         |           |
| Heavy stubble harrow U 671           | 620 mm disc      | 8,0 m         |           |
| Universal cultivator U 497           | SS tine 45x12 mm | 8,0 m         |           |
| Universal cultivator U 497           | SW tine 70x12 mm | 8,0 m         |           |
| Universal cultivator U 497           | ST tine 90x13 mm | 8,0 m         |           |

\*) the price consists of the BigField system carrier and two mounted machines with a width of 4,0 m in the standard equipment.

BigField

Optional equipment common for all BigField models

(surcharge to the price of the machine with standard equipment)

|                               | NET PRICE |
|-------------------------------|-----------|
| Hydraulic brake               |           |
| Supporting wheels 400/60-15.5 |           |
| Front LED lighting beam       |           |
| Rear LED lighting beam        |           |
| Backlit license plate frame   |           |
| Scharmüller ball hitch        |           |

BigField U 684

Optional BigField equipment in the U 684 version (compact seedbed cultivator)

(surcharge to the price of the machine with standard equipment)

|                                                                    | NET PRICE |
|--------------------------------------------------------------------|-----------|
| Front pipe roller Ø 450 mm*                                        |           |
| Additional reinforcement for the SA tine                           |           |
| *) to replace the standard front string flat bars roller Ø 450 mm. |           |

Optional rear rollers Prices on the pages 128 + 132

string roller with flat bars Ø 460 mm, string roller with cogged bars Ø 460 mm, Packer cogged roller Ø 460 mm, Crosskill roller Ø 400 mm, prismatic roller ORION Ø 500 mm.

BigField U 684 PRO

Optional BigField equipment in the U 684 PRO version (compact seedbed cultivator)

(surcharge to the price of the machine with standard equipment)

|                                                   | NET PRICE |
|---------------------------------------------------|-----------|
| Front pipe roller Ø 450 mm*                       |           |
| Additional reinforcement for the SA tine          |           |
| Finisher string roller 270 mm                     |           |
| Rear drag behind the roller**                     |           |
| Drag in front of the roller (for SG and SX tines) |           |

\*) to replace the standard front string flat bars roller Ø 450 mm.

\*\*) the option cannot be connected with a Finisher string roller Ø 270 mm.

The machine is available only in the configuration with a rear double Crosskill roller Ø 400 mm.





# BigField system carrier 8,0 m

## A set of tillage machines with a width of 8,0 m



BigField  
U 693

| Optional BigField equipment in the U 693 version (compact disc harrow)<br>(surcharge to the price of the machine with standard equipment) | NET PRICE |
|-------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| Discs with a diameter of 560 mm (boron steel 45-48 HRC)                                                                                   |           |
| Discs OFAS Italy (hardness 48-52 HRC) diameter 510 mm                                                                                     |           |
| Discs OFAS Italy (hardness 48-52 HRC) diameter 560 mm                                                                                     |           |
| ALFA disc 560 mm x 5 mm                                                                                                                   |           |
| Tapered bearings SKF*                                                                                                                     |           |
| Maintenance-free AgriHub                                                                                                                  |           |
| Maintenance-free EXTREME hub**                                                                                                            |           |
| Hydraulic adjustment of working depth                                                                                                     |           |
| Mounting a rubber shock absorber with 6 screws 10.9***                                                                                    |           |
| Side leveling covers                                                                                                                      |           |

\*) lubrication every 150 ha for 3,0 m machine width.  
\*\*) 5 years warranty.  
\*\*\*) 4 screw connections M 12 class 8.8 as standard. The option is intended for the most severe soil conditions.



**Optional rear rollers** [Prices on the pages 128 ÷ 132](#)  
string roller with flat bars Ø 460 mm, string roller with cogged bars Ø 460 mm, Packer cogged roller Ø 460/550 mm, tubular-ring roller Ø 450 mm, Crosskill roller Ø 400/500 mm, ring roller Ø 500/600 mm, spring roller Ø 470/550 mm, rubber roller Ø 500 mm, tire roller Ø 600 mm, roller of steel rings 48-52HRC Ø 600 mm, spiral roller Ø 455 mm, tyre transport roller Ø 600/670 mm, T-ring roller Ø 500/600 mm, U-ring roller Ø 540 mm, tandem pipe roller Ø 400 mm plus string roller Ø 400 mm, tandem U-ring roller Ø 540 mm, prismatic roller ORION Ø 500 mm.



BigField  
U 652

| Optional BigField equipment in the U 652 version (disc harrow)<br>(surcharge to the price of the machine with standard equipment) | NET PRICE |
|-----------------------------------------------------------------------------------------------------------------------------------|-----------|
| 3D absorber with 35 mm x 35 mm spring                                                                                             |           |
| ALFA disc 560 mm x 5 mm                                                                                                           |           |
| 610 mm x 6 mm discs                                                                                                               |           |
| Maintenance-free EXTREME hub*                                                                                                     |           |
| Finger comb beam**                                                                                                                |           |
| Side leveling covers                                                                                                              |           |

\*) 5 years warranty.  
\*\*) equipment mounted between disc rows.



**Optional rear rollers** [Prices on the pages 128 ÷ 132](#)  
string roller with flat bars Ø 460 mm, string roller with cogged bars Ø 460 mm, Packer cogged roller Ø 460/550 mm, tubular-ring roller Ø 450 mm, Crosskill roller Ø 400/500 mm, ring roller Ø 500/600 mm, spring roller Ø 470/550 mm, rubber roller Ø 500 mm, tire roller Ø 600 mm, roller of steel rings 48-52HRC Ø 600 mm, T-ring roller Ø 500/600 mm, U-ring roller Ø 540 mm, tandem pipe roller Ø 400 mm plus string roller Ø 400 mm, tandem U-ring roller Ø 540 mm, prismatic roller ORION Ø 500 mm.



BigField  
U 671

| Optional BigField equipment in the U 671 version (heavy stubble harrow)<br>(surcharge to the price of the machine with standard equipment) | NET PRICE |
|--------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| Hydraulic depth adjustment                                                                                                                 |           |
| Finger comb beam*                                                                                                                          |           |
| Levelling discs with shock absorber                                                                                                        |           |

\*) the tool is mounted between the rows of discs or between the rear row of discs and the tillage roller.  
The price applies to one beam with a finger comb.



**Optional rear rollers** [Prices on the pages 128 ÷ 132](#)  
Packer cogged roller Ø 550/650 mm, Crosskill roller Ø 500 mm, ring roller Ø 500/600 mm, spring roller Ø 550 mm, rubber roller Ø 500/700 mm, roller of steel rings 48-52HRC Ø 600 mm, T-ring roller Ø 500/600 mm, U-ring roller Ø 540 mm, tandem pipe roller Ø 400 mm in pair with string roller with flat bars Ø 400 mm, tandem pipe roller Ø 400 mm, tandem U-ring Ø 540 mm, prismatic roller ORION Ø 500 mm.



# BigField system carrier 8,0 m

## A set of tillage machines with a width of 8,0 m



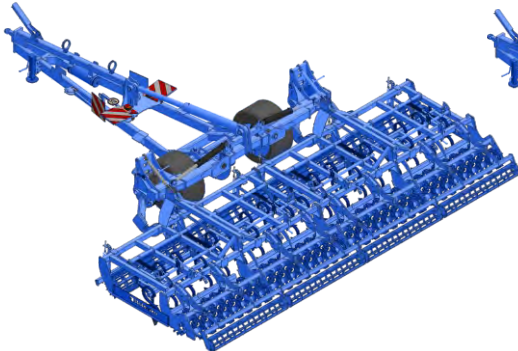
BigField  
U 497

| Optional BigField equipment in the U 497 version (universal cultivator)<br>(surcharge to the price of the machine with standard equipment) | NET PRICE |
|--------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| Hydraulic adjustment of working depth                                                                                                      |           |
| Mechanical front drag                                                                                                                      |           |
| SW tine reinforcement*                                                                                                                     |           |
| ST tine reinforcement                                                                                                                      |           |
| Goosefoot to SW 200 mm tine (pc.)                                                                                                          |           |
| Goosefoot to ST 280 mm tine (pc.)                                                                                                          |           |

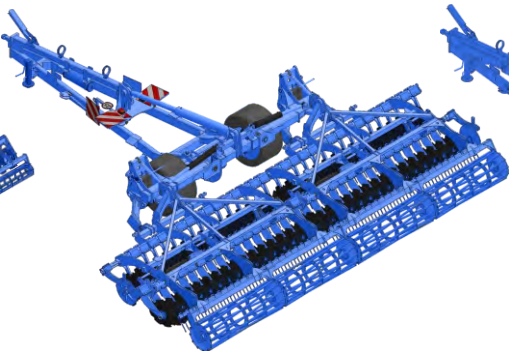
\*) the option is available only when buying a machine, it cannot be added later in its operation period.



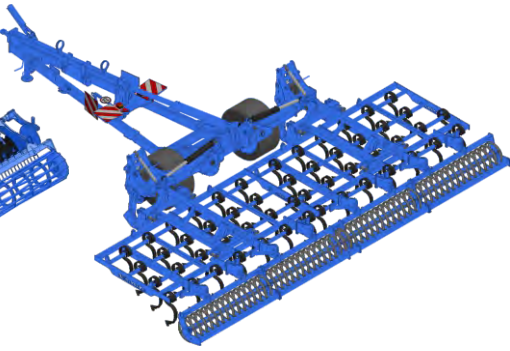
**Optional rear rollers** [Prices on the pages 128 ÷ 132](#)  
string roller with flat bars Ø 460 mm, string roller with cogged bars Ø 460 mm, Packer cogged roller Ø 460, tubular-ring roller Ø 450 mm, Crosskill roller Ø 400/500 mm, ring roller Ø 500 mm, spring roller Ø 470 mm, rubber roller Ø 500 mm, spiral roller Ø 455 mm, T-ring roller Ø 500 mm, U-ring roller Ø 540 mm, tandem pipe roller Ø 400 mm plus string roller Ø 400 mm, tandem U-ring roller Ø 540 mm, prismatic roller ORION Ø 500 mm.



Compact tillage cultivator U 684



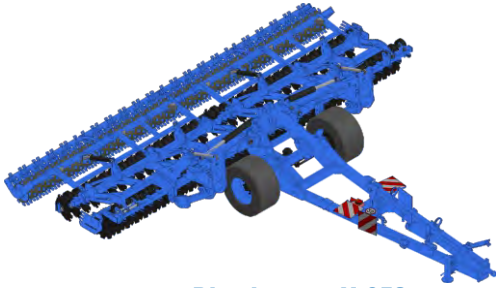
Heavy disc harrow U 671



Universal crop cultivator U 497



Compact disc harrow U 693



Disc harrow U 652

### System of connecting tools that allows to prepare soil for sowing, universal disc tillage and stubble tillage



| Specifications                       | WORKING WIDTH | NUMBER OF WORKING ELEMENTS | POWER DEMAND (HP)* | WEIGHT (KG)** |
|--------------------------------------|---------------|----------------------------|--------------------|---------------|
| BigField system carrier              |               |                            |                    |               |
| Compact seedbed cultivator U 684     | 8,0 m         | SU,SA 78 / SG, SX 36       | 250                | 7940          |
| Compact seedbed cultivator U 684 PRO | 8,0 m         | SU,SA 78 / SG, SX 36       | 250                | 8780          |
| Compact disc harrow U 693            | 8,0 m         | 64                         | 260                | 8200          |
| Disc harrow U 652                    | 8,0 m         | 64                         | 260                | 8790          |
| Heavy stubble harrow U 671           | 8,0 m         | 64                         | 320                | 9860          |
| Universal cultivator U 497***        | 8,0 m         | 52                         | 260                | 8490          |

\*) minimum power requirement can vary depending on the machine equipment and soil conditions.  
\*\*) weight of the machine with standard equipment.  
\*\*\*) power demand and weight for the U 497 universal cultivator equipped with a ST tine.



**Rolmako®**      **Indestructible tillage machines**



[www.rolmako.com](http://www.rolmako.com)



**BigField  
system carrier**

**A set of tillage machines with a width of 8,0 m**



**BigField  
cultivating tool carrier**





R

Stubble cultivator

type  
U 453



**Standard equipment**  
Hitching beam, working element Vogel&Noot type with two-sided heart-shaped coulter fixed on a 750 mm plough beam, levelling discs 420 mm, contour discs and pipe roller of Ø 500 mm.



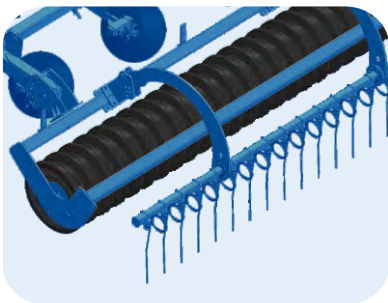
| Price of the machine with standard equipment |                      | Standard<br>NET PRICE | Grubber Plus*<br>NET PRICE |
|----------------------------------------------|----------------------|-----------------------|----------------------------|
| WORKING WIDTH                                | PROTECTION           |                       |                            |
| 2,1 m                                        | screw                |                       |                            |
| 2,1 m                                        | spring plough beam** |                       |                            |
| 2,1 m                                        | spring               |                       |                            |
| 2,6 m                                        | screw                |                       |                            |
| 2,6 m                                        | spring plough beam** |                       |                            |
| 2,6 m                                        | spring               |                       |                            |
| 3,0 m                                        | screw                |                       |                            |
| 3,0 m                                        | spring plough beam** |                       |                            |
| 3,0 m                                        | spring               |                       |                            |
| 3,9 m                                        | screw                |                       |                            |
| 3,9 m                                        | spring plough beam** |                       |                            |
| 3,9 m                                        | spring               |                       |                            |
| 4,0 m H                                      | screw                |                       |                            |
| 4,0 m H                                      | spring               |                       |                            |
| 4,5 m H                                      | screw                |                       |                            |
| 4,5 m H                                      | spring               |                       |                            |

\*) 835 mm plough beam, new construction of the machine's tower, 460mm diameter of the discs.  
\*\*) only with Vogel&Noot tine.



| Optional equipment (surcharge to the price of the machine with standard equipment)                           |                                |                          |
|--------------------------------------------------------------------------------------------------------------|--------------------------------|--------------------------|
| Cultivator's tine                                                                                            | Lemken type tine (boron steel) | welded Lemken type tine* |
| WORKING WIDTH                                                                                                | NET PRICE                      | NET PRICE                |
| 2,1 m                                                                                                        |                                |                          |
| 2,6 m                                                                                                        |                                |                          |
| 3,0 m                                                                                                        |                                |                          |
| 3,9 m / 4,0 m H                                                                                              |                                |                          |
| 4,5 m H                                                                                                      |                                |                          |
| *) several times higher abrasion resistance. This option combines with the Lemken tine option (boron steel). |                                |                          |
| Other available options                                                                                      |                                |                          |
| Expansion to the trailed version (4,0/4,5 m H)*                                                              |                                | NET PRICE                |
| Toothed levelling disc**                                                                                     |                                |                          |
| Pneumatic brake                                                                                              |                                |                          |
| Hydraulic brake                                                                                              |                                |                          |
| Delimbe aftercrop seeder                                                                                     |                                |                          |
| APV aftercrop seeder                                                                                         |                                |                          |
| Front reflective plates (mounted machines)                                                                   |                                |                          |
| Front LED lighting beam (trailed machines)                                                                   |                                |                          |
| Rear LED lighting beam                                                                                       |                                |                          |
| Maintenance-free roller bearing unit (pc.)***                                                                |                                |                          |
| *) drawbar + transport trailer, tires 400/60-15.5.                                                           |                                |                          |
| **) smooth disc as standard.                                                                                 |                                |                          |
| ***) fittings made of spheroidal cast iron GGG50 with steel cover.                                           |                                |                          |
| Table with the number of bearing units on page 135.                                                          |                                |                          |
| Beam with a spring comb*                                                                                     |                                |                          |
| WORKING WIDTH                                                                                                | NET PRICE                      |                          |
| 2,1 m / 2,6 m / 3,0 m                                                                                        |                                |                          |
| 3,9 m / 4,0 m H                                                                                              |                                |                          |
| 4,5 m H                                                                                                      |                                |                          |

\*) tool mounted behind the tillage roller.

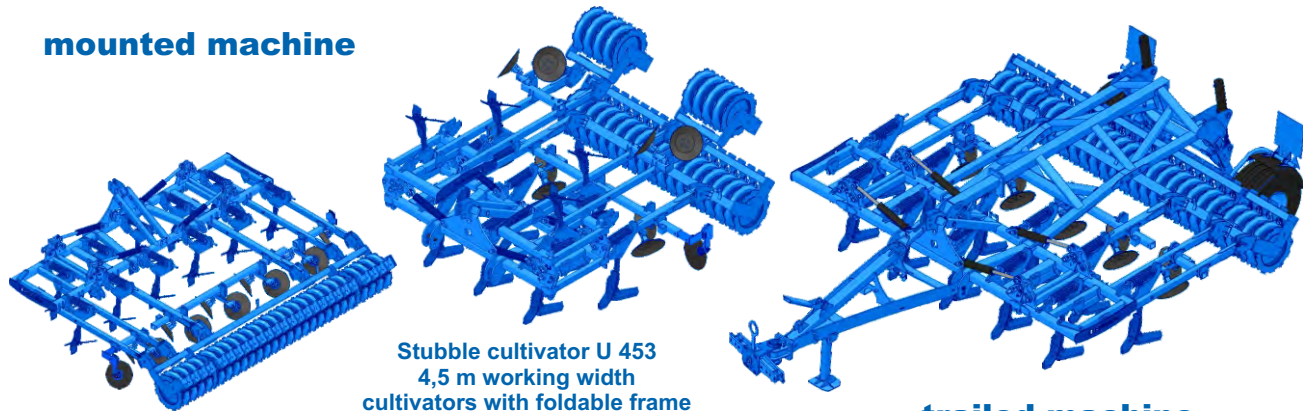


R

Stubble cultivator

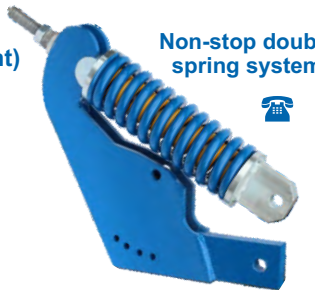
type  
U 453

mounted machine



Stubble cultivator U 453  
4,5 m working width  
cultivators with foldable frame  
for transport

trailed machine



Optional equipment (surcharge to the price of the machine with standard equipment)

| Disc hub        | maintenance-free hub EXTREME* |  |
|-----------------|-------------------------------|--|
| WORKING WIDTH   | NET PRICE                     |  |
| 2,1 m           |                               |  |
| 2,6 m           |                               |  |
| 3,0 m           |                               |  |
| 3,9 m / 4,0 m H |                               |  |
| 4,5 m H         |                               |  |

\*) 5 years warranty.

Non-stop double  
spring system



Optional rear rollers [Prices on the pages 128 ÷ 132](#)

- string roller with flat bars Ø 460 mm
- string roller with cogged bars Ø 460 mm
- Packer cogged roller Ø 460/550 mm
- tubular-ring roller Ø 450 mm
- Crosskill roller Ø 400/500 mm
- ring roller Ø 500/600 mm
- spring roller Ø 470/550 mm
- rubber roller Ø 500 mm
- tire roller Ø 600 mm
- spiral roller Ø 455 mm
- T-ring roller Ø 500/600 mm
- U-ring roller Ø 540 mm
- tandem pipe roller plus string roller Ø 400 mm
- tandem U-ring Ø 540 mm
- prismatic roller ORION Ø 500



Spring-loaded  
plough beam\*

\*) available with  
Vogel&Noot  
working parts.



Spring  
protection



| Specifications   |            |                    |                    |                       | Standard<br>WEIGHT<br>(kg)** | Grubber Plus<br>WEIGHT<br>(kg)** |
|------------------|------------|--------------------|--------------------|-----------------------|------------------------------|----------------------------------|
| WORKING<br>WIDTH | PROTECTION | NUMBER<br>OF TINES | NUMBER<br>OF DISCS | POWER<br>DEMAND (HP)* |                              |                                  |
| 2,1 m            | screw      | 5                  | 6                  | 75                    | 755                          | x                                |
| 2,1 m            | spring     | 5                  | 6                  | 75                    | 930                          | x                                |
| 2,6 m            | screw      | 6                  | 7                  | 90                    | 920                          | x                                |
| 2,6 m            | spring     | 6                  | 7                  | 90                    | 1130                         | x                                |
| 3,0 m            | screw      | 7                  | 8                  | 105                   | 1100                         | 1200                             |
| 3,0 m            | spring     | 7                  | 8                  | 105                   | 1345                         | 1445                             |
| 3,9 m            | screw      | 9                  | 10                 | 135                   | 1440                         | 1570                             |
| 3,9 m            | spring     | 9                  | 10                 | 135                   | 1755                         | 1885                             |
| 4,0 m H***       | screw      | 9                  | 10                 | 145                   | 2160                         | 2310                             |
| 4,0 m H***       | spring     | 9                  | 10                 | 145                   | 2475                         | 2625                             |
| 4,5 m H***       | screw      | 11                 | 12                 | 165                   | 2430                         | 2580                             |
| 4,5 m H***       | spring     | 11                 | 12                 | 165                   | 2815                         | 2965                             |

\*) minimum power demand can vary greatly depending on the equipment and soil conditions.

\*\*) weight of the machine with standard equipment.

\*\*\*) when choosing the "expansion to the trailed version" option, add 1550 kg to the weight.





**Multifunctional tillage cultivator**  
Cultivator for ploughless soil tillage

type  
**U 436 PREMIUM**



**Standard equipment**

AgriFlex cultivator tooth (boron steel), 35 cm wide, consisting of a chisel and side undercutting shares, spring protection, hydraulic depth adjustment, 460 mm toothed levelling discs, Ø 500 mm pipe roller. The hydraulically foldable trailed machine is equipped with a transport tyre roller Ø 850 mm (size 7.5 - 18).

All cultivators of the U 436 series (PREMIUM and earlier versions) are equipped with a spring protection with a reinforced double spring that presses the tooth with a force exceeding 600 kg.



**Price of the machine with standard equipment**

| WORKING WIDTH     | SPRING PROTECTION          | NET PRICE |
|-------------------|----------------------------|-----------|
| 2,6 m PREMIUM     | NON-STOP spring protection |           |
| 3,0 m PREMIUM     | NON-STOP spring protection |           |
| 3,5 m PREMIUM     | NON-STOP spring protection |           |
| 4,0 m PREMIUM     | NON-STOP spring protection |           |
| 4,0 m HP* PREMIUM | NON-STOP spring protection |           |
| 4,5 m HP* PREMIUM | NON-STOP spring protection |           |

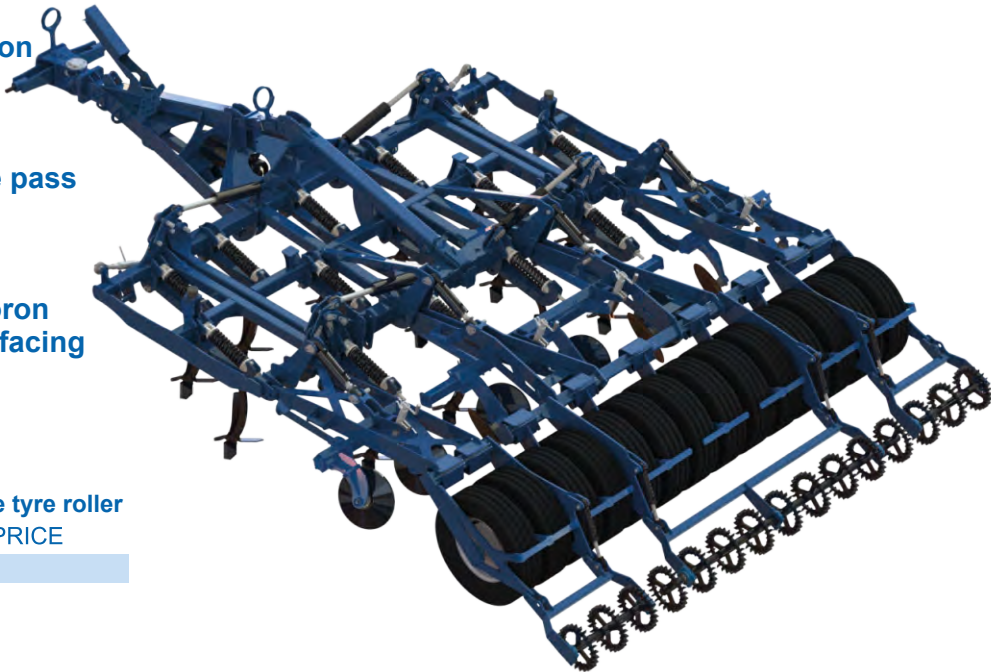
HP – hydraulically folded machines in a trailed (semi-suspended) version, transport width does not exceed 3 m.  
\*) The 4.0/ 4.5 m HP PREMIUM machine is equipped with a transport tyre roller Ø 850 mm (size 7.5 - 18).



**Optional equipment (additional payment for the price of the machine with standard equipment, prices on pages: 98 ÷ 99)**

|                                          |                                          |
|------------------------------------------|------------------------------------------|
| Optional AgriFlex tooth quality variants | Supporting wheels to the trailed version |
| EXTREME disc hub                         | Knife roller for trailed version         |
| Beam with a spring comb                  | LED lighting beam                        |

- a versatile cultivator for deep and shallow cultivation
- mixing large quantities of straw and crop residues
- cultivation and preparation of the fields for sowing in one pass
- quality steels S 500/S 700 with increased strength for impact loads
- plough elements made of boron steel, reinforced with weld surfacing or cemented carbide



**Crosskill roller Ø 350 mm behind the tyre roller**

| WORKING WIDTH    | NET PRICE |
|------------------|-----------|
| 4,0 m HP PREMIUM |           |
| 4,5 m HP PREMIUM |           |

The U 436 HP PREMIUM is always equipped with a tyre roller for adequate load-bearing capacity on light soils, in combination with the optional Crosskill roller, provides an excellent, full-area cultivation structure



**Optional rear rollers**

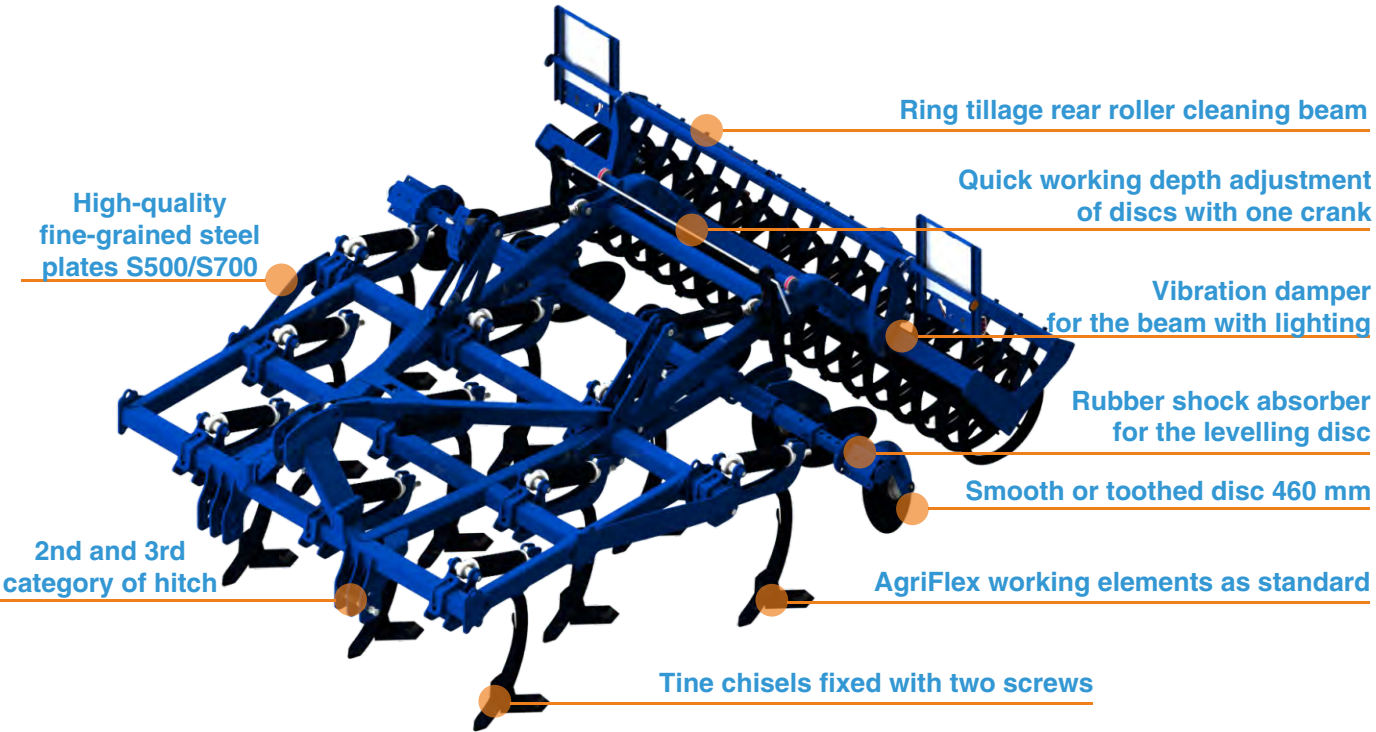
Prices on pages: 128 ÷ 132

string roller with flat bars Ø 460 mm, string roller with cogged bars Ø 460 mm, Packer cogged roller Ø 460/550 mm, pipe-ring roller Ø 450 mm, Crosskill roller Ø 400/500 mm, ring roller Ø 500/600 mm, spring roller Ø 470/550 mm, rubber roller Ø 500 mm, tyre roller Ø 600 mm, roller of steel rings 48-52 HRC Ø 600 mm, wał spiralny Ø 455 mm, transport tyre roller Ø 600/670 mm, T-ring roller Ø 500/600 mm, U-ring roller Ø 540 mm, tandem pipe roller Ø 400 plus string roller Ø 400 mm, tandem pipe roller Ø 400, tandem U-ring roller Ø 540 mm, prismatic roller ORION Ø 500 mm.



**Multifunctional tillage cultivator**  
Cultivator for ploughless soil tillage

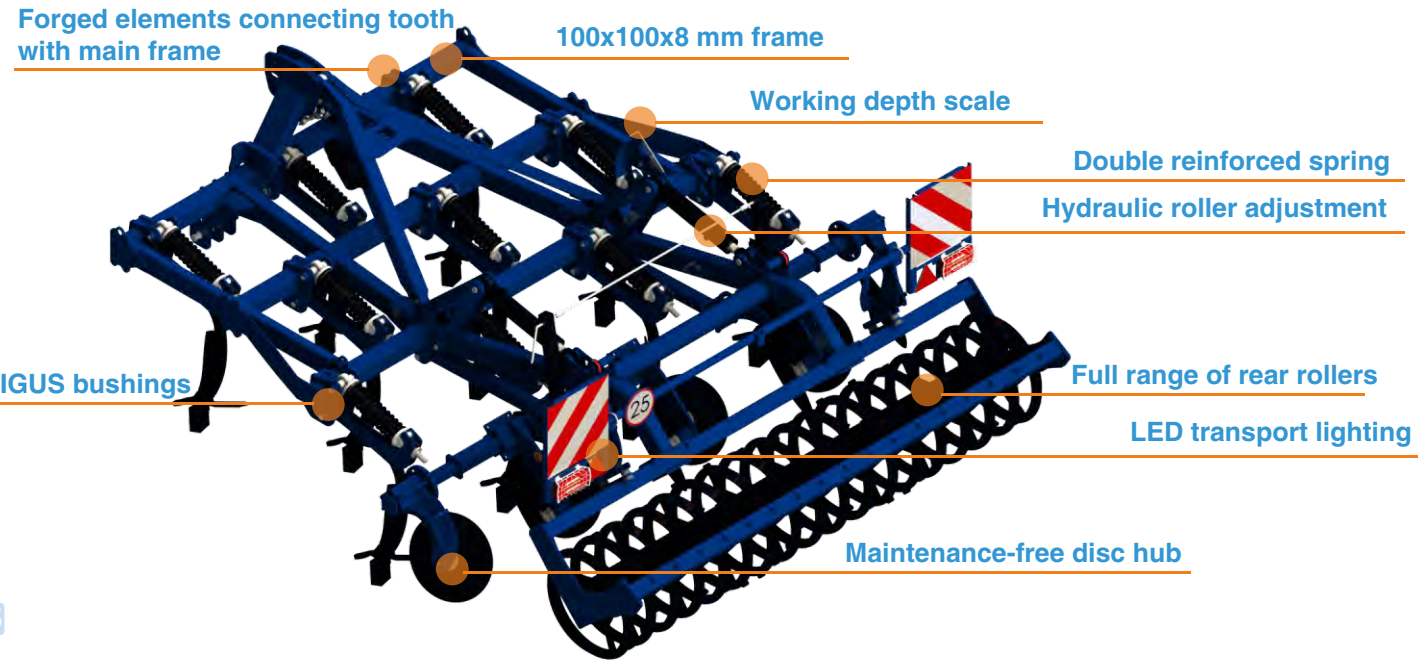
type  
**U 436 PREMIUM**



**Technical data**

| WORKING WIDTH    | NUMBER OF TINES | POWER DEMAND (HP)* | OVERLOAD PROTECTION        | WEIGHT (kg)** |
|------------------|-----------------|--------------------|----------------------------|---------------|
| 2,6 m PREMIUM    | 8               | 105                | NON-STOP spring protection | 1750          |
| 3,0 m PREMIUM    | 10              | 125                | NON-STOP spring protection | 2050          |
| 3,5 m PREMIUM    | 12              | 150                | NON-STOP spring protection | 2350          |
| 4,0 m PREMIUM    | 14              | 170                | NON-STOP spring protection | 2700          |
| 4,0 m HP PREMIUM | 14              | 170                | NON-STOP spring protection | 6500          |
| 4,5 m HP PREMIUM | 16              | 195                | NON-STOP spring protection | 7250          |

\*) minimum power demand may significantly vary depending on the equipment and soil conditions.  
\*\*) weight of the machine with standard equipment.



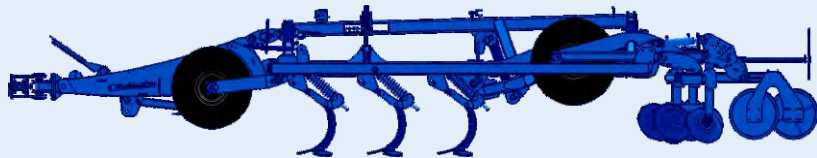
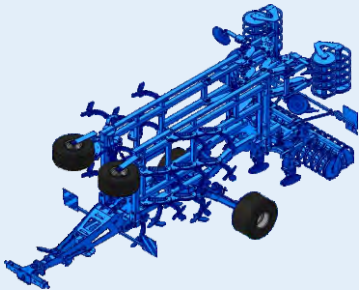




# Multifunctional tillage cultivator

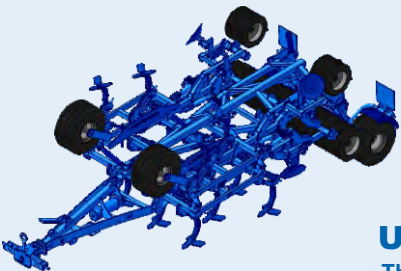
The machine for ploughless cultivation of the soil

type  
**U 436**

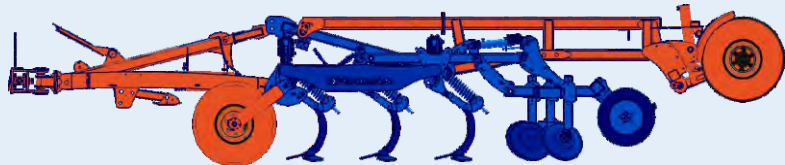


### U 436 H 5,0/6,0 m

Multifunctional tillage cultivator with a width of 5,0 m and 6,0 m is always produced as a trailed machine.

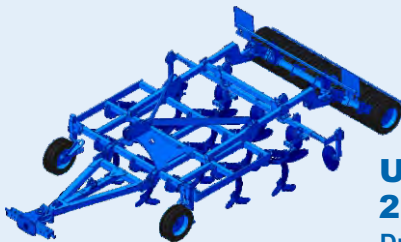


Optional drawbar and transport trailer (Orange).



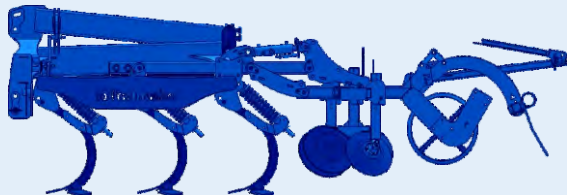
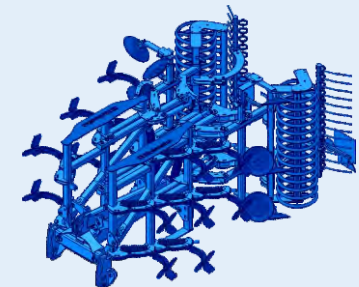
### U 436 H PRO 4,0/4,5 m

The basic machine U 436 H PRO is a mounted cultivator. The machine can be changed to the trailed version.



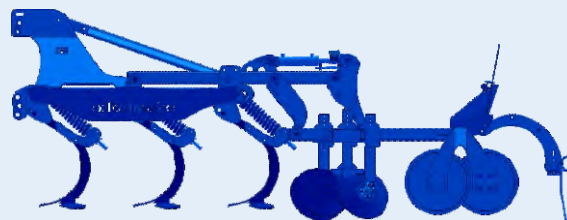
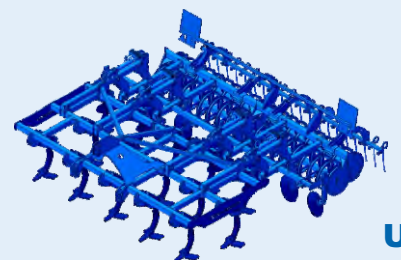
### U 436 with a transport tire roller 2,6/3,0/3,5/4,0 m

Drawbar + transport tire roller Ø 600 mm with hydraulic adjustment of working depth.



### U 436 H Standard 4,0/4,5 m

The machine in the standard version is a mounted machine with no possibility of adding a drawbar and a driving axle.



### U 436 Rigid frame 2.6/3,0/3,0/4,0 m

The machine in the standard version is a mounted machine with no possibility of adding a drawbar and a driving axle.



# Multifunctional tillage cultivator

The machine for ploughless cultivation of the soil

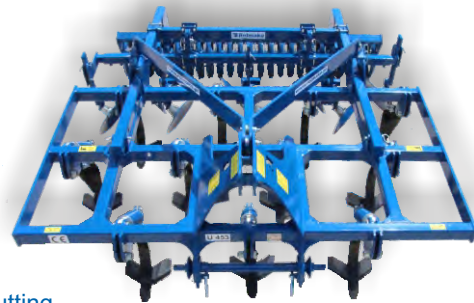
type  
**U 436**



### Standard equipment

#### Cultivator with a spring plough beam

Spring plough beam compatible with various working elements, pipe roller Ø 500 mm. The machine is supplied with a heart-shaped coulter, other chisels available for the additional payment 📞.



#### Cultivator with the Non-stop spring protection

Delta cultivator's tine (boron steel) width consisted of a chisel and side cutting plough shares, pipe roller Ø 500 mm. Hydraulic folding machine in trailed version is equipped with 520/50-17 wheels and pneumatic brake (with the trailer section in front of the roller)\*. As standard the H and HP cultivator is equipped with hydraulic depth adjustment and lock for transport. \*) does not apply to the PRO version, which in the trailed version has wheels mounted behind the roller and has no brake as standard.



### Prices of the machine with standard equipment

| Protection<br>WORKING WIDTH | spring plough beam<br>NET PRICE | spring NON- STOP<br>NET PRICE |
|-----------------------------|---------------------------------|-------------------------------|
| 2,6 m                       |                                 |                               |
| 3,0 m                       |                                 |                               |
| 3,5 m                       |                                 |                               |
| 4,0 m                       |                                 |                               |
| 4,0 m H                     |                                 |                               |
| 4,5 m H                     |                                 |                               |
| 4,0 m H PRO                 |                                 |                               |
| 4,5 m H PRO                 |                                 |                               |
| 5,0 m HP                    |                                 |                               |
| 6,0 m HP                    | X                               |                               |

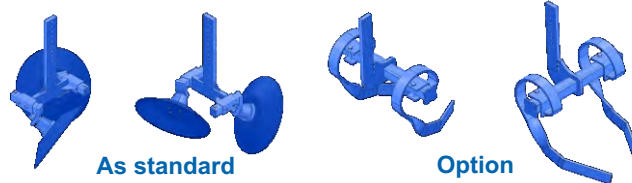
H - hydraulically folded machines, transport width does not exceed 3,0 m.

HP - trailed machines, hydraulically folded.

\*) machine 4,0/4,5 m H PRO can be expanded to trailed version. The option is not available for 4,0/4,5 m H.



As standard, behind the tines of the cultivator, there is a levelling disc section with contour discs. On special order the manufacturer can equip the machine with leveling tines without a surcharge.



### Optional equipment (surcharge to the price of the machine with standard equipment)

#### Optional working elements of the cultivator with a spring plough beam

| WORKING<br>WIDTH | rotatable coulter<br>NET PRICE | stubble coulter 170 mm<br>NET PRICE | narrow coulter<br>NET PRICE |
|------------------|--------------------------------|-------------------------------------|-----------------------------|
| 2,6 m            |                                |                                     |                             |
| 3,0 m            |                                |                                     |                             |
| 3,5 m            |                                |                                     |                             |
| 4,0 m            |                                |                                     |                             |

### Coulters for the system with a spring plough beam







# Multifunctional tillage cultivator

The machine for ploughless cultivation of the soil

type  
**U 436**



Standard  
Delta tine  
(straight mouldboard)



AgriFlex tine (boron steel)

| WORKING WIDTH   | NET PRICE |
|-----------------|-----------|
| 2,6 m           |           |
| 3,0 m           |           |
| 3,5 m           |           |
| 4,0 m           |           |
| 4,0 m H / H PRO |           |
| 4,5 m H / H PRO |           |
| 5,0 m HP        |           |
| 6,0 m HP        |           |

| Coulter*           | Welded | Cemented carbide |
|--------------------|--------|------------------|
| Surcharge for 1pc. |        |                  |

\*) the option applies to the AgriFlex (boron steel) tooth option.

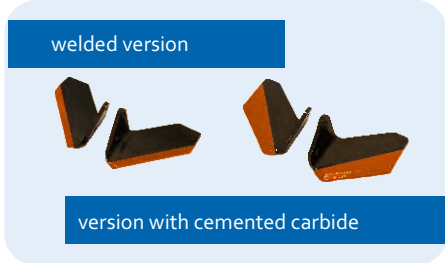
Optional  
AgriFlex tine  
(bent mouldboard)



Optional quality options of the AgriFlex tine\*

| WORKING WIDTH   | NUMBER OF TINES | Welded<br>NET PRICE | Cemented carbide<br>NET PRICE |
|-----------------|-----------------|---------------------|-------------------------------|
| 2,6 m           | 9               |                     |                               |
| 3,0 m           | 11              |                     |                               |
| 3,5 m           | 13              |                     |                               |
| 4,0 m           | 15              |                     |                               |
| 4,0 m H / H PRO | 14              |                     |                               |
| 4,5 m H / H PRO | 16              |                     |                               |
| 5,0 m HP        | 18              |                     |                               |
| 6,0 m HP        | 22              |                     |                               |

\*) the option applies to the AgriFlex (boron steel) tooth option.



Optional equipment (surcharge to the price of the machine with standard equipment)

Disc hub maintenance-free hub EXTREME (5 years warranty)

| WORKING WIDTH     | NET PRICE |
|-------------------|-----------|
| 2,6 m             |           |
| 3,0 m             |           |
| 3,5 m             |           |
| 4,0 m / H / H PRO |           |
| 4,5 m / H / H PRO |           |
| 5,0 m H           |           |
| 6,0 m H           |           |



Hydraulic adjustment of the working depth\*

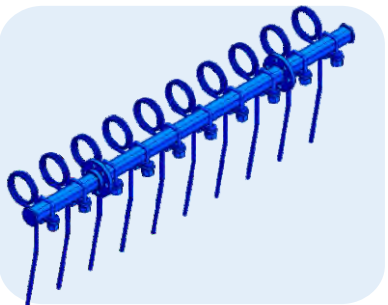
| WORKING WIDTH         | NET PRICE |
|-----------------------|-----------|
| 2,6 m / 3,0 m / 3,5 m |           |
| 4,0 m                 |           |

\*) option available for cultivators with a rigid frame, other H and HP versions are equipped with it as standard.

Beam with a spring comb\*

| WORKING WIDTH     | NET PRICE |
|-------------------|-----------|
| 2,6 m / 3,0 m     |           |
| 3,5 m             |           |
| 4,0 m / H / H PRO |           |
| 4,5 m / H / H PRO |           |
| 5,0 m H           |           |
| 6,0 m H           |           |

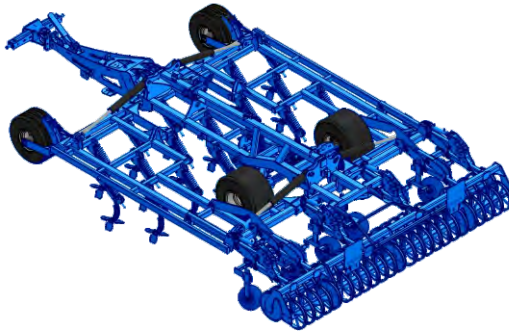
\*) tool mounted behind the tillage roller.



# Multifunctional tillage cultivator

The machine for ploughless cultivation of the soil

type  
**U 436**



Optional working element  
Narrow coulter for AgriFlex\* tine

| High-quality version | NET PRICE |
|----------------------|-----------|
| Welded               |           |

Cemented carbide  
\*) price per item. The coulter is sold separately as a spare part.

Narrow coulter  
for AgriFlex tine  
(chisel and mouldboard  
in a single element)



Trailed version (surcharge to the price of the mounted machine with standard equipment)

Drawbar + tyre transport roller Ø 600 with hydraulic adjustment of working depth

| WORKING WIDTH | NET PRICE |
|---------------|-----------|
| 2,6 m         |           |
| 3,0 m         |           |
| 3,5 m         |           |
| 4,0 m         |           |

Other available options

|                                                                           |  |
|---------------------------------------------------------------------------|--|
| Expansion to the trailed version (4.0/4.5 m H PRO)*                       |  |
| Pneumatic brake for the trailed version (4.0/4.5 m H PRO)                 |  |
| Hydraulic brake for the trailed version (4.0/4.5 m H PRO)                 |  |
| Hydraulic brake for the trailed version (5.0/6.0 m HP)                    |  |
| Supporting wheels:                                                        |  |
| - 185/65-15 for trailed version with rigid frame (2 pc.)                  |  |
| - 400/60-15.5 for trailed version with hydraulically folded frame (2 pc.) |  |
| ProCut front knife roller with hydraulic adjustment**                     |  |
| Delimbe aftercrop seeder                                                  |  |
| APV aftercrop seeder                                                      |  |
| Front reflective plates (mounted machines)                                |  |
| Front LED lighting beam (trailed machines)                                |  |
| Rear LED lighting beam                                                    |  |
| Backlit license plate frame                                               |  |
| Maintenance-free roller bearing unit (pc.)***                             |  |

\*) drawbar + transport trailer, tires 400/60-15.5. \*\*) option available for trailed machines.



Optional rear rollers [Prices on the pages 128 + 132](#)

string roller with flat bars Ø 460 mm, string roller with cogged bars Ø 460 mm, Packer cogged roller Ø 460/550 mm, tubular-ring roller Ø 450 mm, Crosskill roller Ø 400/500 mm, ring roller Ø 500/600 mm, spring roller Ø 470/550 mm, rubber roller Ø 500 mm, tire roller Ø 600 mm, roller of steel rings 48-52 HRC Ø 600 mm, spiral roller Ø 455 mm, tyre transport roller Ø 600/670 mm, T-ring roller Ø 500/600 mm, U-ring roller Ø 540 mm, tandem pipe roller Ø 400 plus string roller Ø 400 mm, tandem pipe roller Ø 400, tandem U-ring roller Ø 540 mm, prismatic roller ORION Ø 500 mm.



| Specifications | Protection         | Spring plough beam | Non-stop spring |
|----------------|--------------------|--------------------|-----------------|
| WORKING WIDTH  | POWER DEMAND (HP)* | WEIGHT (kg)**      | WEIGHT (kg)**   |
| 2,6 m          | 105                | 1390               | 1485            |
| 3,0 m          | 125                | 1525               | 1690            |
| 3,5 m          | 150                | 1760               | 1955            |
| 4,0 m          | 170                | 1985               | 2210            |
| 4,0 m H        | 170                | x                  | 3500            |
| 4,5 m H        | 195                | x                  | 3800            |
| 4,0 m H PRO*** | 170                | x                  | 3300            |
| 4,5 m H PRO*** | 195                | x                  | 3600            |
| 5,0 m HP       | 220                | x                  | 5900            |
| 6,0 m HP       | 245                | x                  | 6500            |

\*) minimum power demand can vary greatly depending on the equipment and soil conditions.

\*\*) weight of the machine with standard equipment.

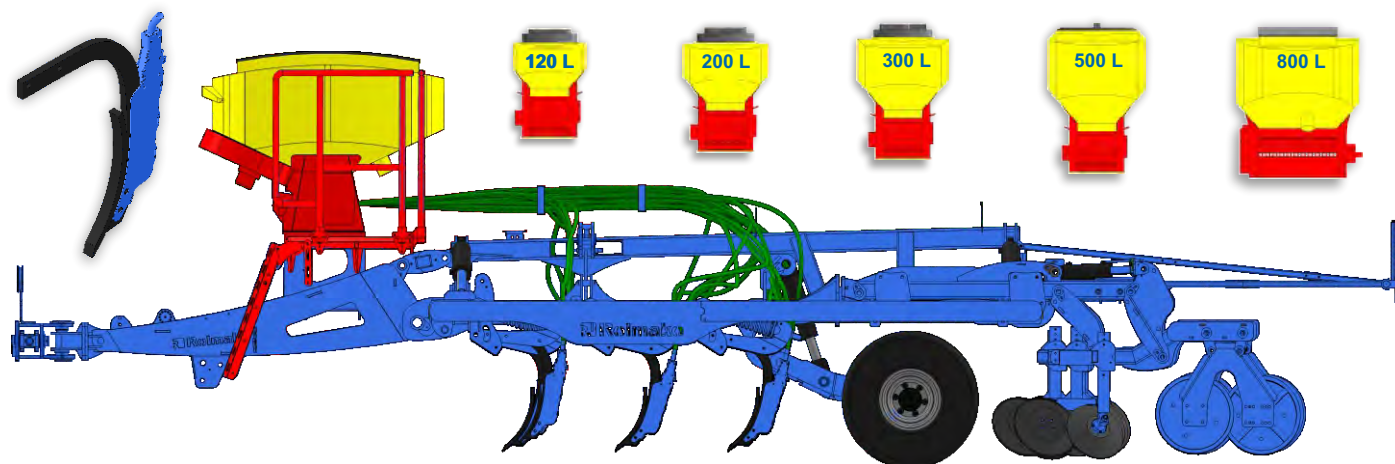
\*\*\*) when choosing the "expansion to the trailed version" option, plus 1550 kg.





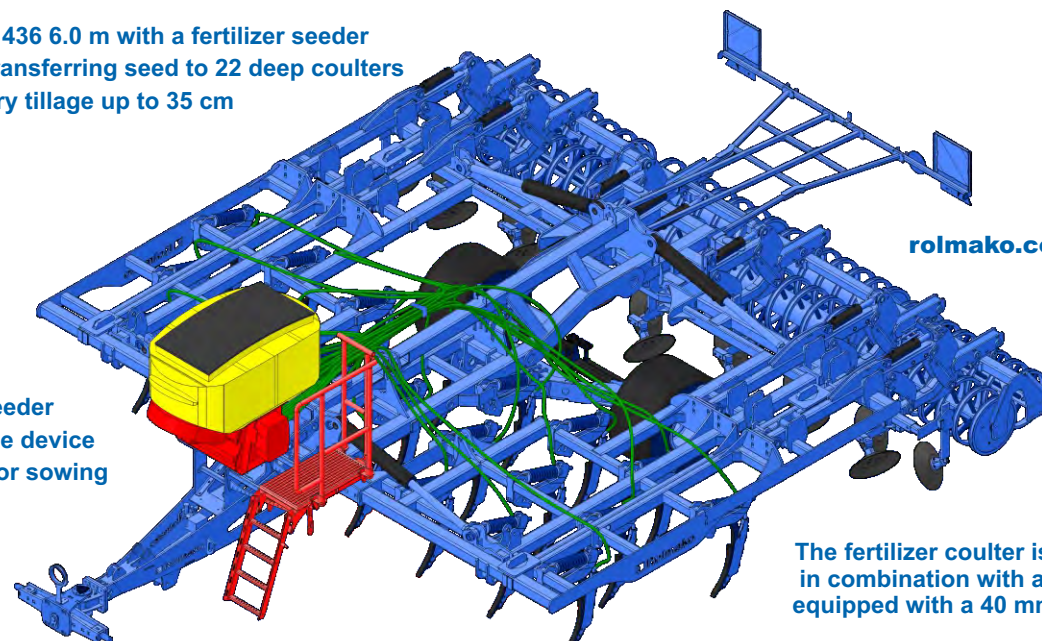
# Multifunctional tillage cultivator with simultaneous spreading of fertilizer

type  
**U 436**



The fertilizer and crops combination consists of the U436 multifunction tillage cultivator and the APV seeder. It enables simultaneous, deep cultivation combined with spreading fertilizers to a depth of up to 30 cm.

Cultivator U 436 6.0 m with a fertilizer seeder APV 800 L transferring seed to 22 deep coulters for secondary tillage up to 35 cm



More about  
fertilizer  
seeders at  
[rolmako.com/apven.pdf](http://rolmako.com/apven.pdf)

Fertilizer seeder  
is a versatile device  
also used for sowing  
aftercrop

Platform with steps  
for filling the tank

The fertilizer coulters are only available  
in combination with an AgriFlex tine  
equipped with a 40 mm narrow chisel

The cultivator and fertilizer combination is manufactured according to the customer's order, the price depends on the width of the cultivating machine, variant of the fertilizer seeder and the place of its mounting on the device with which it cooperates

APV models:

- PS 120 M1 D
- PS 200 M1 D
- PS 300 M1 D
- PS 500 M2 D
- PS 800 M1 D

3 variants of fertilizer coulters operation:

- the entire material is distributed shallowly; the fertilizer is mixed by the discs at a depth of 0-5 cm
- the entire material gets deep into the soil: the granules of fertilizer are mixed at a depth close to the cultivation level (up to 30 cm)\*
- mixed sowing: part of the fertilizer is applied to a depth of 0-5 cm, the rest is close to the set cultivation parameters (up to 30 cm)\*.

\*) in the variant with deep or partial reseed, the fertilizer reaches a depth of 0-5 cm less in relation to the depth of cultivation (before the furrow closes, the fertilizer falls to its bottom). On sandy soils, the furrow will close quicker and the effective depth of sowing the fertilizer will be about 5 cm smaller than the depth of cultivation.



## Oversized tillage machine structures







# Mulch harrow

Finger harrow for crop residue management

type  
**SpringExpert**



**Standard equipment**

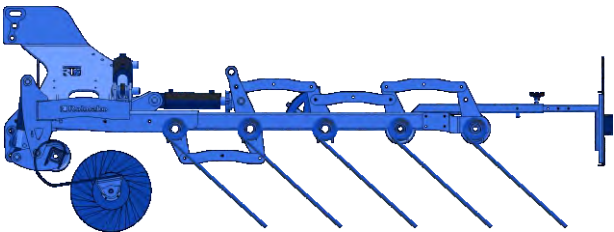
Five rows of springs made of a 16 mm-diameter bar (MADE IN GERMANY), a length of the harrow fingers is 750 mm, hydraulic adjustment of the working bar pressure. The 6.0 m and 7.5 m mulch harrows are built on a two-piece frame, the 9.0 version is divided into three working sections. The frame is hydraulically folded to the transport position. The machine is equipped with parking legs as standard. The OFAS cutting discs and the ProCut knife roller are options available as optional equipment.



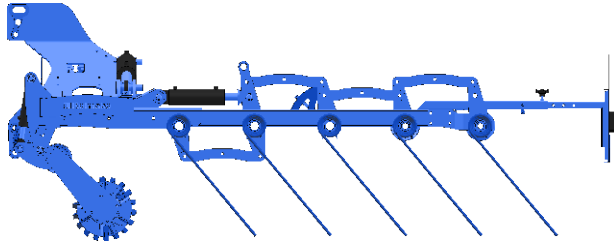
**Price of the machine with standard equipment**

| WORKING WIDTH | NET PRICE |
|---------------|-----------|
| 6,0 m H       |           |
| 7,5 m H       |           |
| 9,0 m H       |           |

H - hydraulically folded machines, transport width does not exceed 3 m.



The SpringExpert mulch harrow equipped with optional OFAS 460 mm cutting discs



The SpringExpert mulch harrow equipped with the optional 375 mm ProCut knife roller (HARDOX)



**Optional equipment**  
(additional payment for the price of the machine with standard equipment) OFAS cutting discs 460 mm\*

| WORKING WIDTH | NET PRICE |
|---------------|-----------|
| 6,0 m H       |           |
| 7,5 m H       |           |
| 9,0 m H       |           |

\*) hydraulically controlled depth, AgriHub maintenance-free hubs.

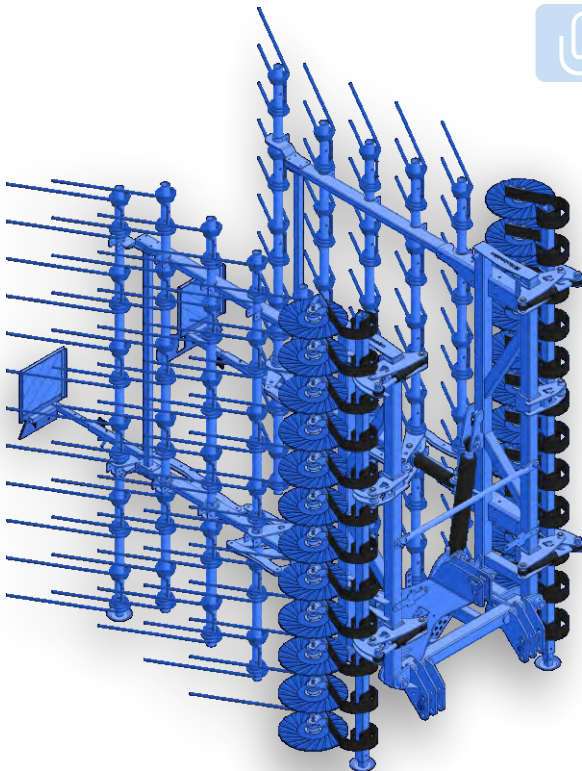


Replaceable knives made of Hardox steel with a thickness of 8 mm characterised by high strength. We use double-sided knives, owing to which it is possible to cultivate the area twice as large on one set of working elements.

**375 mm ProCut knife roller (HARDOX)\***

| WORKING WIDTH | NET PRICE |
|---------------|-----------|
| 6,0 m H       |           |
| 7,5 m H       |           |
| 9,0 m H       |           |

\*) hydraulically controlled depth.



**Rolmako EasyFix system**  
**(MADE IN GERMANY)**  
**fast and economically justified**  
**regeneration of working elements**  
**(multiple regeneration)**

- Rolmako EasyFit instructions on how to replace/regenerate the harrow finger.
1. Shortening the spring so that they all have the same length.
  2. Insertion of the coupler between the spring and the working finger (coupler was designed for multiple use).
  3. Fastening the harrow finger end by tightening.

**Think about the operating costs**  
**and save money**



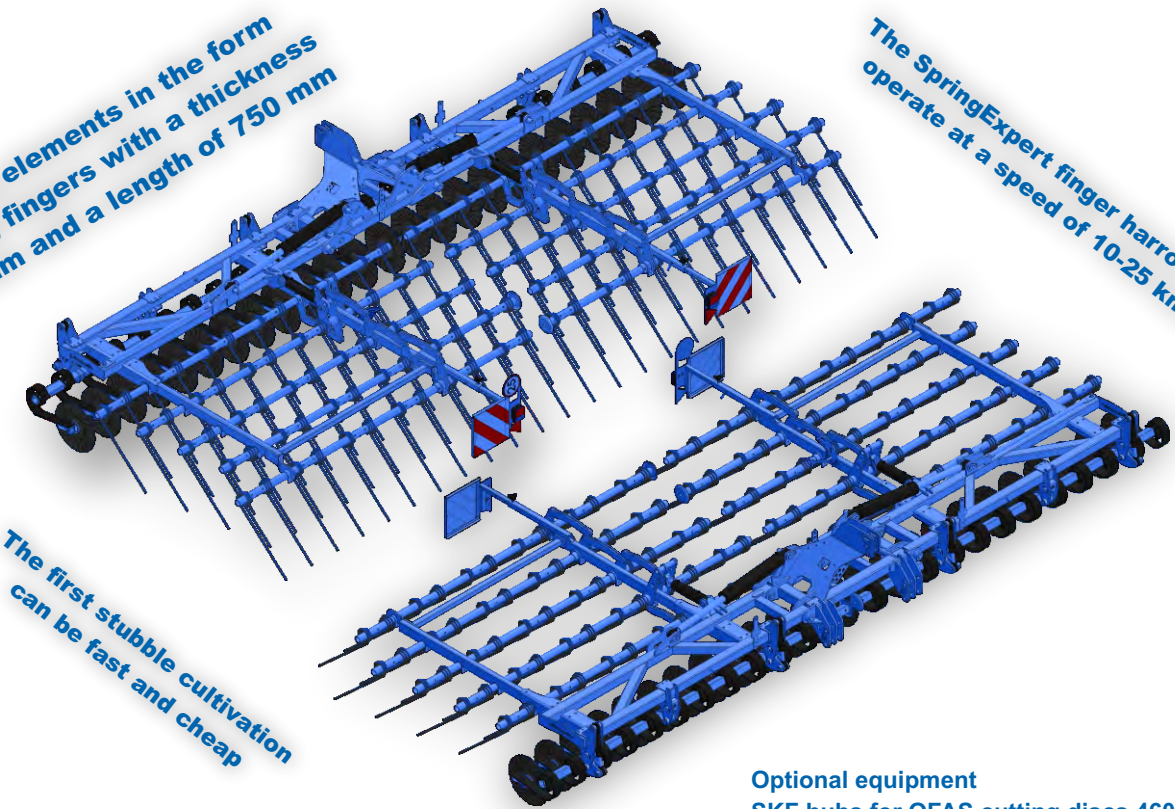
# Mulch harrow

Finger harrow for crop residue management

type  
**SpringExpert**

Working elements in the form of spring fingers with a thickness of 16 mm and a length of 750 mm

The SpringExpert finger harrow can operate at a speed of 10-25 km/h



The first stubble cultivation can be fast and cheap



Mulch harrow with a width of 7.5 m equipped with optional cutting discs with a diameter of 460 mm with a spring shock absorber 80 mm x 10 mm. The operating depth of the harrow fingers and discs is hydraulically adjustable. Mounting of 24 pieces of discs allows for optimal soil treatment.

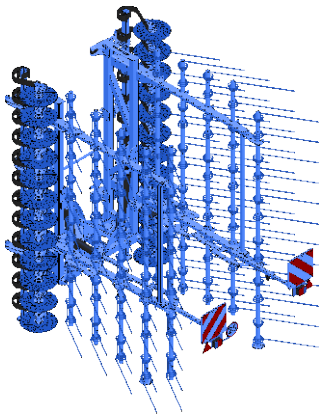
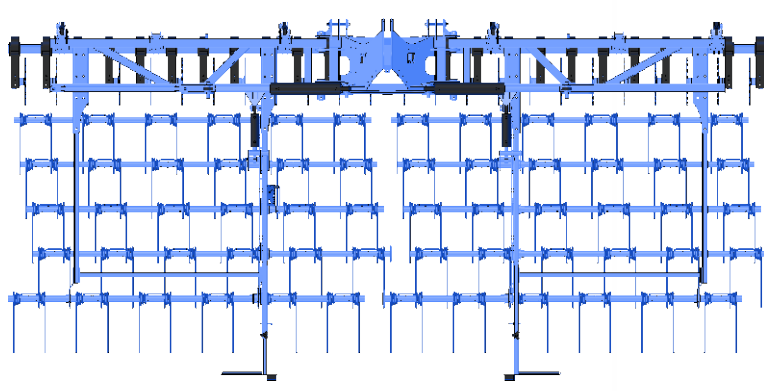
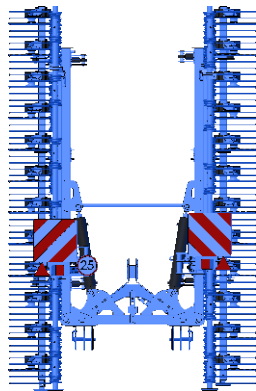
**Optional equipment**  
SKF hubs for OFAS cutting discs 460 mm\*

| WORKING WIDTH | NET PRICE |
|---------------|-----------|
| 6,0 m H       |           |
| 7,5 m H       |           |
| 9,0 m H       |           |

\*) in place of AgriHub maintenance-free hubs. 5 years warranty.

**Other available options**

|                                           | NET PRICE |
|-------------------------------------------|-----------|
| Front reflective plates                   |           |
| Rear LED lighting beam                    |           |
| APV aftercrop seeder with a hydraulic fan |           |



**Technical data**

| WORKING WIDTH | SPRING ROWS | POWER DEMAND (KM)* | WEIGHT (kg)** |
|---------------|-------------|--------------------|---------------|
| 6,0 m         | 5           | 90                 | 1600          |
| 7,5 m         | 5           | 120                | 1850          |
| 9,0 m         | 5           | 180                | 2300          |

\*) minimum power demand may significantly vary depending on the equipment and soil conditions.

\*\*) weight of the machine with standard equipment.





## Universal subsoiler

Straight tine with a chisel 100 mm HARDOX

type  
**U 602**



### Standard equipment

The frame consists of a square profile frame 140x140x10 mm, plough beam with a thickness of 30mm with a welded hardened roll of 30mm diameter and hardwearing chisel 100 mm HARDOX, tines are protected against excessive overload with a shearing bolt or equipped with a hydraulic Non-Stop protection.



### Prices for the machines with standard equipment

| WORKING WIDTH* | NUMBER OF TINES | screw protection<br>NET PRICE | hydraulic protection<br>NET PRICE |
|----------------|-----------------|-------------------------------|-----------------------------------|
| 1,6 m          | 2               |                               |                                   |
| 1,6 m          | 3               |                               |                                   |
| 3,0 m          | 4               |                               |                                   |
| 3,0 m          | 5               |                               |                                   |
| 3,8 m          | 7               |                               |                                   |

\*) non-standard widths are made only by individual Customer's order.



### Recommended tillage rollers

| WORKING WIDTH | Pipe roller Ø 500 mm<br>NET PRICE | Packer roller Ø 460 mm<br>NET PRICE | Twin Disc roller Ø 470<br>NET PRICE |
|---------------|-----------------------------------|-------------------------------------|-------------------------------------|
| 1,6 m         |                                   |                                     |                                     |
| 3,0 m         |                                   |                                     |                                     |
| 3,8 m         |                                   |                                     |                                     |

### Rollers equipped as an option

string roller with flat bars Ø 460 mm, string roller with cogged bars Ø 460 mm, Crosskill roller Ø 400/500 mm, tubular-ring roller Ø 450 mm, spring roller Ø 470/550 mm, rubber roller Ø 500 mm, wał gumowy Ø 500 mm, roller of steel rings 48-52 HRC Ø 600 mm, T-ring roller Ø 500/600 mm, U-ring roller Ø 540 mm, prismatic roller ORION Ø 500 mm. Price on request ☎.



### Optional equipment (surcharge to the price of the machine with standard equipment)

|                                                         | NET PRICE |
|---------------------------------------------------------|-----------|
| Coupler to the tillage machine                          |           |
| Twin Disc Roller 3,0 m with tractor three-point linkage |           |
| Straight tine with a 300 mm chisel (pc.)                |           |
| Supporting wheels *                                     |           |
| Drainage balls (pc.)                                    |           |
| Front reflective plates                                 |           |
| Rear LED lighting beam                                  |           |

\*) option is available for subsoilers of 1,6m working width.



Tandem spiky rollers\*

\*) option on request ☎.



### Specifications

| WORKING WIDTH | NUMBER OF TINES | POWER DEMAND (HP)* | screw protection<br>WEIGHT (kg)** | hydraulic protection<br>WEIGHT (kg)** |
|---------------|-----------------|--------------------|-----------------------------------|---------------------------------------|
| 1,6 m         | 2               | 75                 | 490                               | 620                                   |
| 1,6 m         | 3               | 100                | 575                               | 775                                   |
| 3,0 m         | 4               | 125                | 880                               | 1180                                  |
| 3,0 m         | 5               | 150                | 970                               | 1345                                  |
| 3,8 m         | 7               | 210                | 1320                              | 1845                                  |

\*) minimum power demand can vary greatly depending on the equipment and soil conditions.

\*\*) weight of the machine with standard equipment.



| WORKING WIDTH | String pipe roller<br>WEIGHT (kg) | Packer cogged roller<br>WEIGHT (kg) | Twin Disc roller<br>WEIGHT (kg) | Maintenance-free roller bearing unit (pc.)*<br>NET PRICE |
|---------------|-----------------------------------|-------------------------------------|---------------------------------|----------------------------------------------------------|
| 1,6 m         | 168                               | 214                                 | 350                             |                                                          |
| 3,0 m         | 295                               | 389                                 | 620                             |                                                          |
| 3,8 m         | 390                               | 512                                 | 810                             |                                                          |

\*) fittings made of spheroidal cast iron GGG50 with steel cover. Table with the number of bearing units on page 135.



## Subsoiler with a coupler

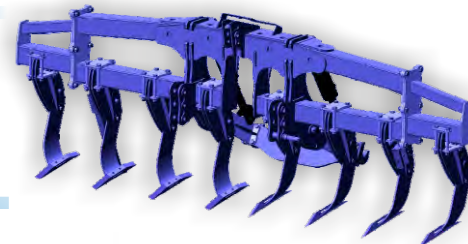
Subsoiler with a deflected Michel type tine, single-row

type  
**U 608**



### Standard equipment

The frame consists of a square profile section 140x140x10mm, Michel type tine, screw or hydraulic overload protection and coupling to rotary harrow or other tillage machine.



### Prices for the machines with standard equipment

| WORKING WIDTH | NUMBER OF TINES | screw protection<br>NET PRICE | hydraulic protection<br>NET PRICE |
|---------------|-----------------|-------------------------------|-----------------------------------|
| 3,0 m         | 6               |                               |                                   |
| 4,0 m         | 8               |                               |                                   |



### Specifications

| WORKING WIDTH | NUMBER OF TINES | POWER DEMAND (HP)* | screw protection<br>WEIGHT (kg)** | hydraulic protection<br>WEIGHT (kg)** |
|---------------|-----------------|--------------------|-----------------------------------|---------------------------------------|
| 3,0 m         | 6               | 160                | 1020                              | 1470                                  |
| 4,0 m         | 8               | 220                | 1225                              | 1825                                  |

\*) minimum power demand can vary greatly depending on the equipment and soil conditions.

\*\*) weight of the machine with standard equipment.



### Optional equipment (surcharge to the price of the machine with standard equipment)

|                                      | NET PRICE |
|--------------------------------------|-----------|
| Hydraulic adjustment of the coupler* |           |

\*) as standard the coupler is set mechanically.



## Subsoiler with the V frame

Subsoiler with a deflected Michel type tine

type  
**U 614**



### Standard equipment

V-shaped frame built from a rectangular profile 200x100x10mm, Michel tine, screw or hydraulic overload protection, four support wheels.



### Prices for the machines with standard equipment

| WORKING WIDTH | NUMBER OF TINES | screw protection<br>NET PRICE | hydraulic protection<br>NET PRICE |
|---------------|-----------------|-------------------------------|-----------------------------------|
| 3,0 m         | 6               |                               |                                   |
| 4,0 m         | 8               |                               |                                   |



### Specifications

| WORKING WIDTH | NUMBER OF TINES | POWER DEMAND (HP)* | screw protection<br>WEIGHT (kg)** | hydraulic protection<br>WEIGHT (kg)** |
|---------------|-----------------|--------------------|-----------------------------------|---------------------------------------|
| 3,0 m         | 6               | 160                | 1080                              | 1530                                  |
| 4,0 m         | 8               | 220                | 1320                              | 1920                                  |

\*) minimum power demand can vary greatly depending on the equipment and soil conditions.

\*\*) weight of the machine with standard equipment.



### Optional equipment (surcharge to the price of the machine with standard equipment)

|                                            | NET PRICE |
|--------------------------------------------|-----------|
| Reinforced chisel – pad welding (pcs.)     |           |
| Front reflective plates (mounted machines) |           |
| Rear LED lighting beam                     |           |
| Tillage rear roller                        |           |







# Subsoiler with two rows of tines

## Subsoiler with deflected Michel type tine, double-row

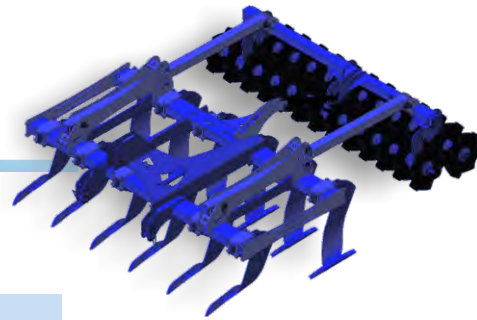
type

U 619



**Standard equipment**

Frame made from a rectangular profile 200x100x10mm, Michel tine mounted in two rows with screw overload protection. Rear rollers available as an option.





| Prices for the machines with standard equipment |                 | screw protection |
|-------------------------------------------------|-----------------|------------------|
| WORKING WIDTH                                   | NUMBER OF TINES | NET PRICE        |
| 3,0 m                                           | 12              |                  |
| 4,0 m                                           | 16              |                  |



| Specifications |                 |                    |                                |
|----------------|-----------------|--------------------|--------------------------------|
| WORKING WIDTH  | NUMBER OF TINES | POWER DEMAND (HP)* | screw protection WEIGHT (kg)** |
| 3,0 m          | 12              | 240                | 1800                           |
| 4,0 m          | 16              | 330                | 2480                           |

\*) minimum power demand can vary greatly depending on the equipment and soil conditions.  
\*\*) weight of the machine with standard equipment.



| Recommended tillage rollers |                             |                               |                        |
|-----------------------------|-----------------------------|-------------------------------|------------------------|
| WORKING WIDTH               | String pipe roller Ø 500 mm | Packer cogged roller Ø 460 mm | Twin Disc roller Ø 470 |
|                             | NET PRICE                   | NET PRICE                     | NET PRICE              |
| 3,0 m                       |                             |                               |                        |
| 4,0 m                       |                             |                               |                        |

**Rollers equipped as an option**

string roller with flat bars Ø 460 mm, string roller with cogged bars Ø 460 mm, Packer cogged roller Ø 550 mm, tubular-ring roller Ø 450 mm, Crosskill roller Ø 400/500 mm, ring roller Ø 500/600 mm, spring roller Ø 470/550 mm, rubber roller Ø 500 mm, roller of steel rings 48-52HRC Ø 600 mm, T-ring roller Ø 500/600 mm, U-ring roller Ø 540 mm, prismatic roller ORION Ø 500 mm. Price on request ☎.



| Optional equipment (surcharge to the price of the machine with standard equipment) |  | NET PRICE |
|------------------------------------------------------------------------------------|--|-----------|
| Front reflective plates                                                            |  |           |
| Rear LED lighting beam                                                             |  |           |
| Maintenance-free roller bearing unit (pc.)*                                        |  |           |

\*) fittings made of spheroidal cast iron GGG50 with steel cover. Table with the number of bearing units on page 135.



| WORKING WIDTH | String pipe roller | Packer cogged roller | Twin Disc roller |
|---------------|--------------------|----------------------|------------------|
|               | WEIGHT (kg)        | WEIGHT (kg)          | WEIGHT (kg)      |
| 3,0 m         | 295                | 389                  | 620              |
| 4,0 m         | 405                | 525                  | 840              |

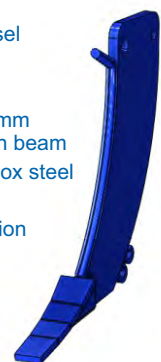
### Options of working elements

#### Tines for the universal subsoiler U 602

##### straight tine with a chisel 100 mm

Straight tine with a 100 mm chisel

- plough beam 30 mm wide
- hardened roll 30 mm covering the plough beam
- chisel of the Hardox steel
- drainage balls mounted as an option



##### straight tine with a chisel 300 mm

Straight tine with a 300 mm chisel

- plough beam 30mm wide
- replaceable cover protecting the plough beam
- boron steel chisel
- drainage balls mounted as an option



#### Deflected Michel type tine

##### subsoiler U 608, U 614, U 619

Deflected Michel type tine

- plough beam 15 mm wide
- replaceable cover protecting the plough beam
- boron steel chisel
- drainage balls cannot be mounted



#### Cemented carbide Atlas tine

##### subsoiler U632, U638

- plough beam 35 mm wide
- replaceable cover protecting the plough beam
- all operating elements with welded cemented carbide
- 400 mm side wing shares (option)
- drainage balls cannot be mounted





# STORM single-row subsoiler

## Tines with blades that do not disturb the soil structure

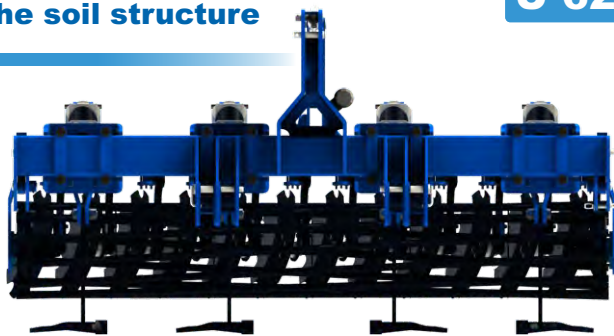
type

U 626



**Standard equipment**

Frame made of a square profile 200x200x8 mm, tine with a 380 mm wide blade for operation at a maximum depth of 45 cm, screw or spring extremely strong overload protection. The bent tips of the blades generate vertical pressure on the soil, causing an even lifting of the ground layer, the so-called wave effect. Rollers for the machine are available as an option for retrofitting.





| Price of the machine with standard equipment |                 | screw protection | spring protection |
|----------------------------------------------|-----------------|------------------|-------------------|
| WORKING WIDTH                                | NUMBER OF TINES | NET PRICE        | NET PRICE         |
| 3,0 m                                        | 4               |                  |                   |
| 4,0 m                                        | 6               |                  |                   |

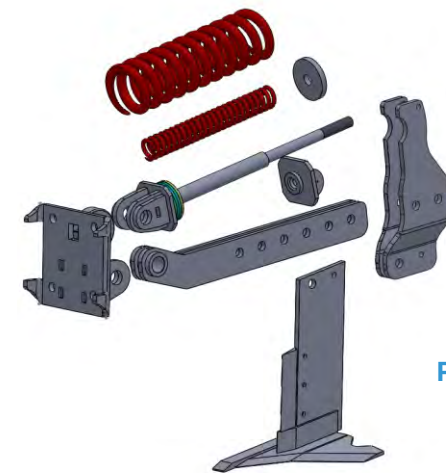


| Optional equipment (additional payment for the price of the machine with standard equipment) |  | NET PRICE |
|----------------------------------------------------------------------------------------------|--|-----------|
| Beam with OFAS 560 mm discs behind 3.0 m roller (3D cushioning)                              |  |           |
| Beam with OFAS 560 mm discs behind 4.0 m roller (3D cushioning)                              |  |           |
| Cutting discs in front of the subsoiler tine                                                 |  |           |
| Pad welded tine chisel (pc x number of working elements)                                     |  |           |
| Front reflective plates                                                                      |  |           |

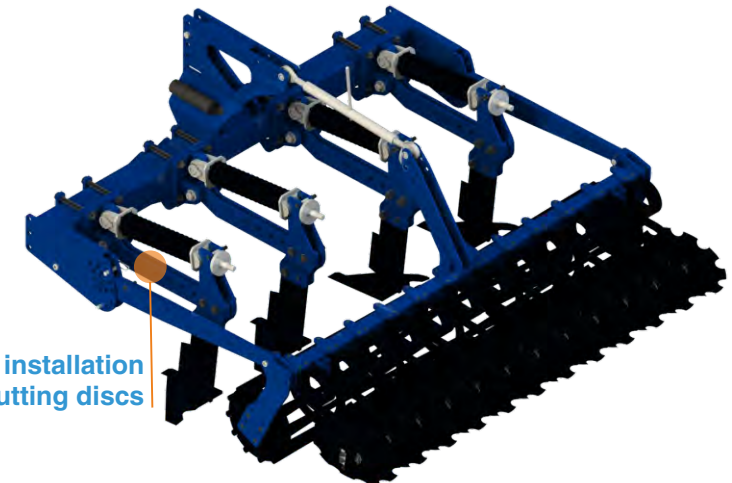


| Recommended rear tillage rollers* |  | Pipe roller Ø 500 mm | Roller of steel rings 48-52 HRC Ø 600 mm | Double spiked roller Ø 560 mm |
|-----------------------------------|--|----------------------|------------------------------------------|-------------------------------|
| WORKING WIDTH                     |  | NET PRICE            | NET PRICE                                | NET PRICE                     |
| 3,0 m                             |  |                      |                                          |                               |
| 4,0 m                             |  |                      |                                          |                               |

\*) other rear tillage rollers are valued on request ☎.



Possible installation of cutting discs





| Technical data |                 |                    |                                |                                    |
|----------------|-----------------|--------------------|--------------------------------|------------------------------------|
| WORKING WIDTH  | NUMBER OF TINES | POWER DEMAND (HP)* | Screw protection WEIGHT (kg)** | Hydraulic protection WEIGHT (kg)** |
| 3,0 m          | 4               | 110                | 900                            | 1800                               |
| 4,0 m          | 6               | 170                | 1190                           | 2570                               |

\*) minimum power demand may significantly vary depending on the equipment and soil conditions.

\*\*) weight of the machine with standard equipment.





# Light chisel plough

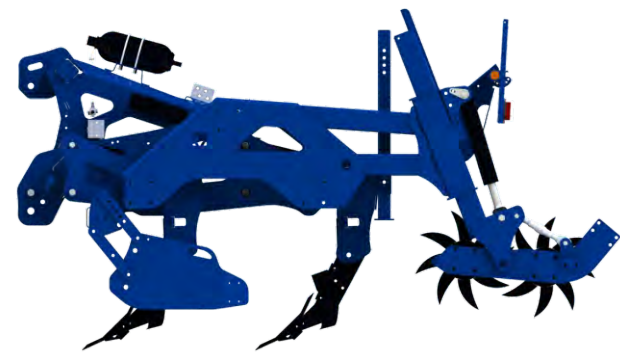
Ploughless subsoiler with a double franter roller

type  
**U 624 LITE**



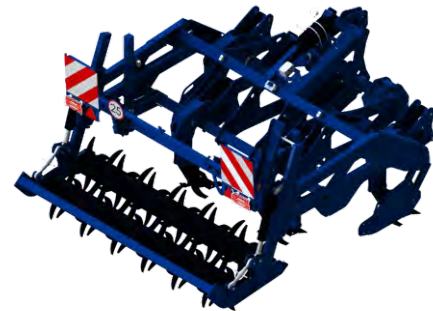
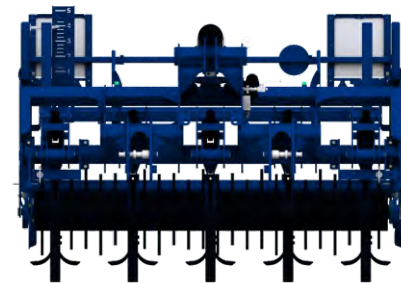
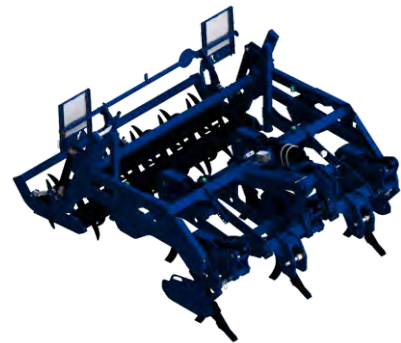
## Standard equipment

Frame made of a square section 100 x 100 x 8 mm, and the Ripper tooth with a low resistance coefficient is equipped with side wing shares. The tine coulter is made of boron steel, optionally welded or in the version with cemented carbide. Working elements are protected against excessive overload with a shearing bolt or a hydraulic Non-Stop protection. The basic machine is equipped with a double franter roller Ø 560 mm with hydraulic depth adjustment of operation.



## Price of the machine with standard equipment

| WORKING WIDTH | NUMBER OF TINES | screw protection<br>NET PRICE | hydraulic protection<br>NET PRICE |
|---------------|-----------------|-------------------------------|-----------------------------------|
| 2,5 m         | 5               |                               |                                   |
| 3,0 m         | 5               |                               |                                   |
| 3,0 m         | 7               |                               |                                   |



## Optional equipment (additional payment for the price of the machine with standard equipment)

|                                                                                 | NET PRICE |
|---------------------------------------------------------------------------------|-----------|
| Levelling side covers                                                           |           |
| Welded tine shares (right + left)*                                              |           |
| Forged roller tines made of high quality structural steel                       |           |
| Front reflective plates                                                         |           |
| Rear LED lighting beam                                                          |           |
| *) price for 1 set x number of tines. Several times higher abrasion resistance. |           |



## Optional quality options of the Ripper tine chisel

| WORKING WIDTH | NUMBER OF TINES | welded<br>NET PRICE | cemented carbide<br>NET PRICE |
|---------------|-----------------|---------------------|-------------------------------|
| 2,5 m / 3,0 m | 5               |                     |                               |
| 3,0 m         | 7               |                     |                               |



## Technical data

| WORKING WIDTH | NUMBER OF TINES | POWER DEMAND (HP)* | Screw protection<br>WEIGHT (kg)** | Hydraulic protection<br>WEIGHT (kg)** |
|---------------|-----------------|--------------------|-----------------------------------|---------------------------------------|
| 2,5 m         | 5               | 125                | 1850                              | 2050                                  |
| 3,0 m         | 5               | 125                | 1950                              | 2150                                  |
| 3,0 m         | 7               | 175                | 2070                              | 2350                                  |

\*) minimum power demand may significantly vary depending on the equipment and soil conditions.

\*\*) weight of the machine with standard equipment.



# Chisel plough with Ripper Tine

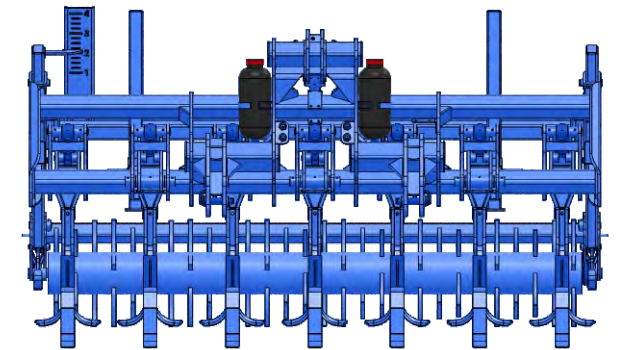
Ploughless subsoiler with a tandem spiky roller

type  
**U 624**



## Standard equipment

The frame consists of a square profile section 100 x 100 x 8 mm, and the Ripper tine with a low resistance coefficient is equipped with side wing shares. The tine coulter is made of boron steel, optionally welded or in the version with cemented carbide. Working elements are protected against excessive overload with a shearing bolt or equipped with a hydraulic Non-Stop protection. The basic machine is equipped with a tandem spiky roller Ø 560 mm with hydraulic depth adjustment of operation.



## Prices for the machines with standard equipment

| WORKING WIDTH | NUMBER OF TINES | screw protection<br>NET PRICE | hydraulic protection<br>NET PRICE |
|---------------|-----------------|-------------------------------|-----------------------------------|
| 2,5 m         | 5               |                               |                                   |
| 3,0 m         | 5               |                               |                                   |
| 3,0 m         | 7               |                               |                                   |
| 4,0 m         | 9               |                               |                                   |



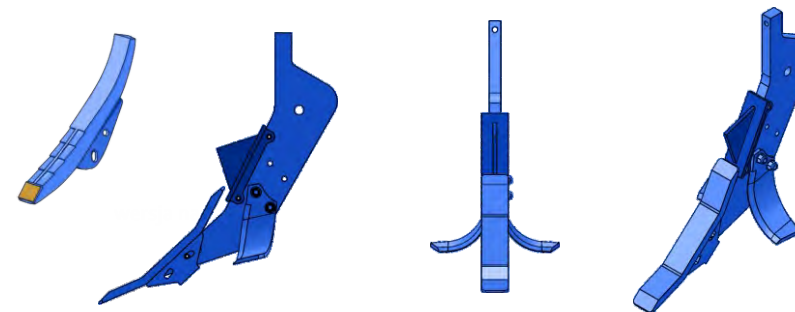
## Optional equipment (surcharge to the price of the machine with standard equipment)

|                                                                                 | NET PRICE |
|---------------------------------------------------------------------------------|-----------|
| Side levelling covers                                                           |           |
| Welded tine shares (right + left)*                                              |           |
| Forged roller tines made of high quality structural steel                       |           |
| Front reflective plates                                                         |           |
| Rear LED lighting beam                                                          |           |
| *) price for 1 set x number of tines. Several times higher abrasion resistance. |           |



## Optional quality variants of the Ripper tine chisel

| WORKING WIDTH | NUMBER OF TINES | welded<br>NET PRICE | cemented carbide<br>NET PRICE |
|---------------|-----------------|---------------------|-------------------------------|
| 2,5 m / 3,0 m | 5               |                     |                               |
| 3,0 m         | 7               |                     |                               |
| 4,0 m         | 9               |                     |                               |



The Ripper tine for deep cultivation at high operating speeds and relatively low fuel consumption. The tine as standard is equipped with side wing shares.

## Ripper tine (boron steel chisels, welded or with cemented carbide)



## Specifications

| WORKING WIDTH | NUMBER OF TINES | POWER DEMAND (HP)* | Screw protection<br>WEIGHT (kg)** | Hydraulic protection<br>WEIGHT (kg)** |
|---------------|-----------------|--------------------|-----------------------------------|---------------------------------------|
| 2,5 m         | 5               | 125                | 2075                              | 2325                                  |
| 3,0 m         | 5               | 125                | 2200                              | 2450                                  |
| 3,0 m         | 7               | 175                | 2300                              | 2650                                  |
| 4,0 m         | 9               | 220                | 3080                              | 3530                                  |

\*) minimum power demand can vary greatly depending on the equipment and soil conditions.

\*\*) weight of the machine with standard equipment.



# **Rolmako®**      **U 624 chisel plough**

**Higher working speeds  
in relation to traditional  
ploughing (to 12 km/h)**



**Indestructible tillage machines**



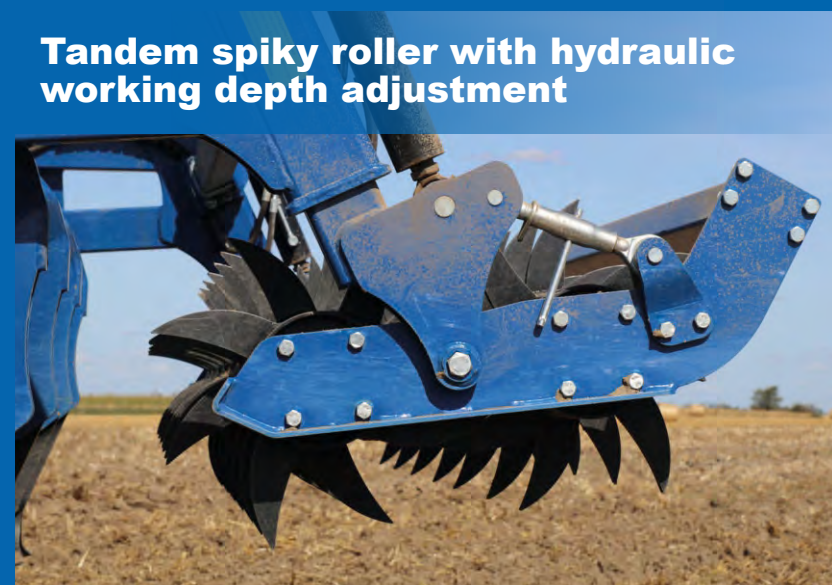
**Extremely strong supporting frame**



**Ripper tine  
efficiency and effectiveness of operation**



**Lower costs of the replacement of plough  
parts in relation to a classic plough**



**Tandem spiky roller with hydraulic  
working depth adjustment**





# DeepTiller heavy chisel plough

type  
**U 624 PRO**



**Standard equipment**

The frame is made of a 120 x 120 x 8 mm section, the entire structure is twisted with solid forged clamps, the Ripper PRO tine is equipped with side shares as standard. The tine coulter is made of boron steel, optionally welded or in the version with cemented carbide. Working elements are protected against overload with a bolt or hydraulically with the Non-Stop protection. The basic machine is equipped as standard with a double franter roller Ø 560 mm with forged spikes and hydraulic adjustment of the working depth.



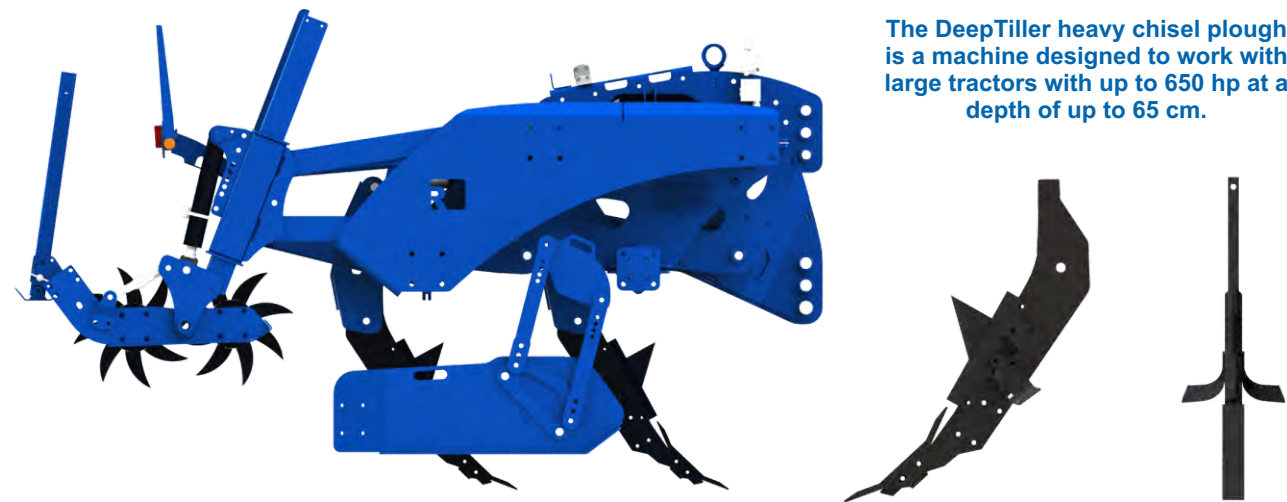
| Price of the machine with standard equipment |                 |                               |                                   |
|----------------------------------------------|-----------------|-------------------------------|-----------------------------------|
| WORKING WIDTH                                | NUMBER OF TINES | screw protection<br>NET PRICE | hydraulic protection<br>NET PRICE |
| 3,0 m                                        | 7               |                               |                                   |
| 4,0 m                                        | 9               |                               |                                   |
| 5,0 m                                        | 11              |                               |                                   |



| Optional equipment (additional payment for the price of the machine with standard equipment) |           |
|----------------------------------------------------------------------------------------------|-----------|
|                                                                                              | NET PRICE |
| Levelling side covers                                                                        |           |
| Welded tine shares (right + left)*                                                           |           |
| Front reflective plates                                                                      |           |
| Rear LED lighting beam                                                                       |           |
| *) price for 1 set x number of tines. Several times higher abrasion resistance.              |           |



| Optional quality variants of Ripper PRO tine chisel |                 | welded<br>NET PRICE | cemented carbide<br>NET PRICE |
|-----------------------------------------------------|-----------------|---------------------|-------------------------------|
| WORKING WIDTH                                       | NUMBER OF TINES |                     |                               |
| 3,0 m                                               | 7               |                     |                               |
| 4,0 m                                               | 9               |                     |                               |
| 5,0 m                                               | 11              |                     |                               |



The DeepTiller heavy chisel plough is a machine designed to work with large tractors with up to 650 hp at a depth of up to 65 cm.

## Ripper PRO tine (chisels made of boron steel, welded or with sintered carbide)



| Technical data |                 |                    |                                   |                                       |
|----------------|-----------------|--------------------|-----------------------------------|---------------------------------------|
| WORKING WIDTH  | NUMBER OF TINES | POWER DEMAND (HP)* | Screw protection<br>WEIGHT (kg)** | Hydraulic protection<br>WEIGHT (kg)** |
| 3,0 m          | 7               | 220                | 2790                              | 3385                                  |
| 4,0 m          | 9               | 280                | 3885                              | 4650                                  |
| 5,0 m          | 11              | 340                | 5265                              | 6200                                  |

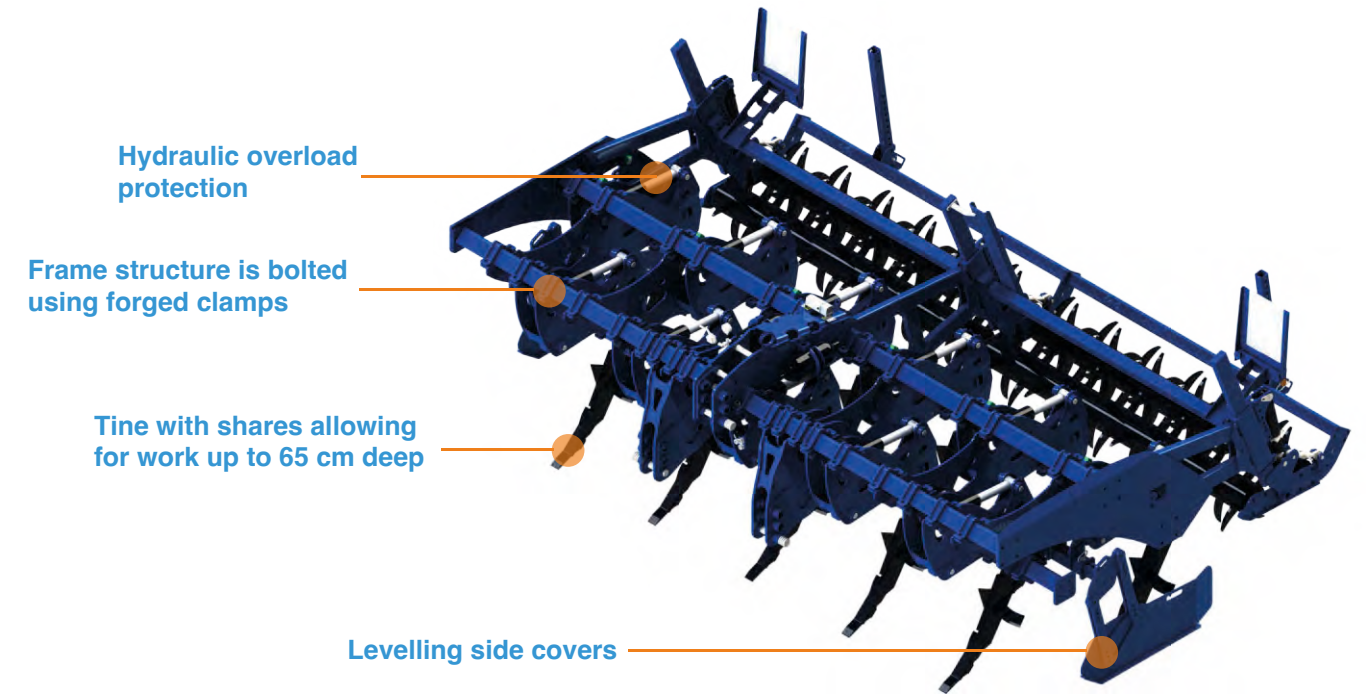
\*) minimum power demand may significantly vary depending on the equipment and soil conditions.

\*\*) weight of the machine with standard equipment.

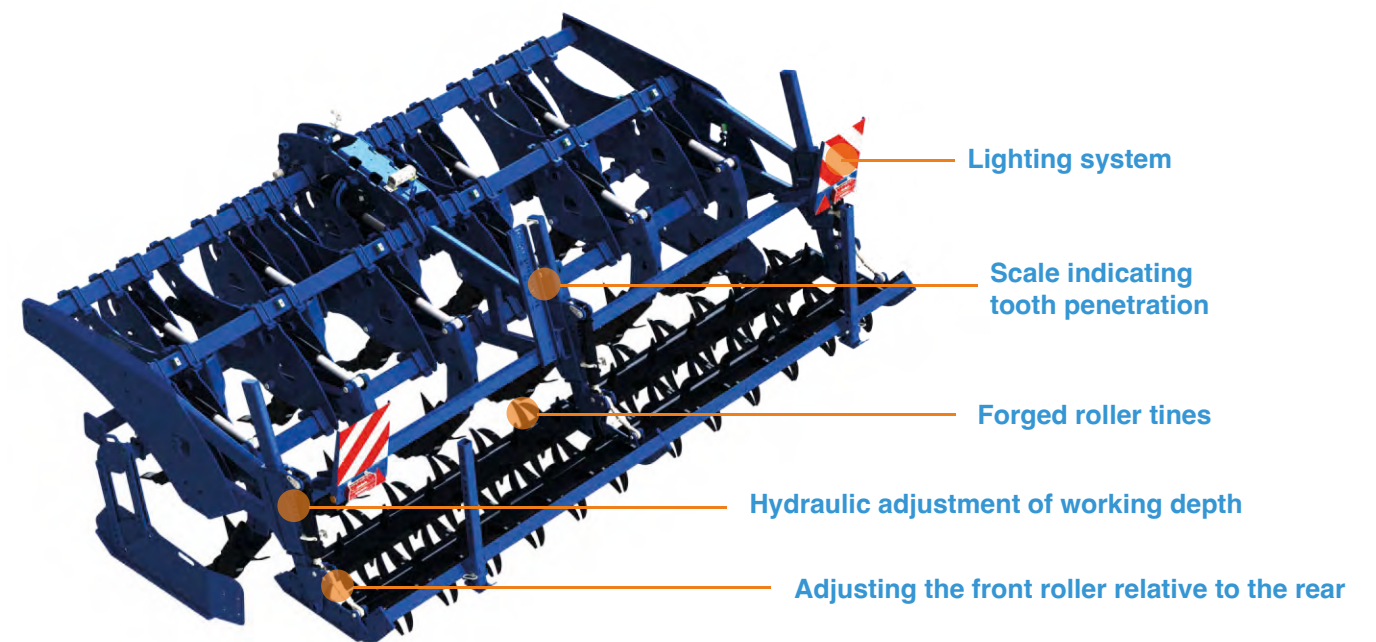


# DeepTiller heavy chisel plough

type  
**U 624 PRO**



**Steel providing a competitive advantage**  
Where others see a lot of steel, the farmer sees a higher yield and a reduced cost of achieving it







# Multi-purpose subsoiler

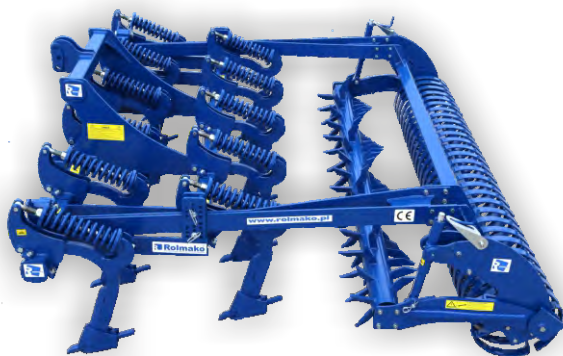
Subsoiler with Atlas tine, double-row

type  
**U 638**



### Standard equipment

Frame built from a square profile 100 x 100 x 8mm, Atlas tine (plough beam 35 x 70mm ended with cemented carbide chisel). The tine is protected from excessive overload by double-spring protection. The basic version of machine equipped with pipe roller Ø 500 mm. Hydraulic folding machine in trailed version is equipped with 520/50-17 wheels and pneumatic brake (with the trailer section in front of the roller).



### Prices for the machines with standard equipment

| WORKING WIDTH* | NUMBER OF TINES | NET PRICE |
|----------------|-----------------|-----------|
| 2,5 m          | 7               |           |
| 3,0 m          | 9               |           |
| 3,0 m          | 9 (7+2)         |           |
| 3,5 m          | 11              |           |
| 3,5 m          | 11 (9+2)        |           |
| 4,0 m          | 13 (11+2)       |           |
| 4,0 m H        | 13              |           |
| 4,5 m H        | 14              |           |
| 5,0 m HP*      | 16              |           |
| 6,0 m HP*      | 20              |           |

H - hydraulically folded machines, transport width does not exceed 3,0 m.

HP - trailed machines, hydraulically folded, transport width does not exceed 3,0 m.

\*) machine equipped with 3 rows of tines, other versions have their operating elements arranged in two rows.

### Spring comb beam

| WORKING WIDTH | NET PRICE |
|---------------|-----------|
| 2,5/3,0 m     |           |
| 3,5 m         |           |
| 4,0 m/4,0 m H |           |
| 4,5 m H       |           |
| 5,0 m HP      |           |
| 6,0 m HP      |           |

\*) tool mounted behind the tillage roller.



### Optional equipment (surcharge to the price of the machine with standard equipment)

|                                            | NET PRICE |
|--------------------------------------------|-----------|
| Hydraulic brake                            |           |
| Side wing shares (cemented carbide - pc.)  |           |
| Supporting wheels for trailed version      |           |
| Delimbe aftercrop seeder                   |           |
| APV aftercrop seeder                       |           |
| Front reflective plates (mounted machines) |           |
| Front LED lighting beam (trailed machines) |           |
| Rear LED lighting beam                     |           |
| Backlit license plate frame                |           |

Maintenance-free roller bearing unit (pc.)\*

\*) fittings made of spheroidal cast iron GGG50 with steel cover. Table with the number of bearing units on page 135.



### Optional rear rollers

Prices on the pages 128 ÷ 132

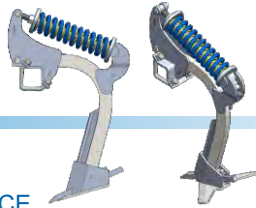
string roller with flat bars Ø 460 mm, string roller with cogged bars Ø 460 mm, Packer cogged roller Ø 460/550 mm, tubular-ring roller Ø 450 mm, Crosskill roller Ø 400/500 mm, ring roller Ø 500/600 mm, spring roller Ø 470/550 mm, rubber roller Ø 500 mm, tire roller 600 mm, steel ring roller (48-52 HRC) Ø 600 mm, T-ring roller Ø 500/600 mm, U-ring roller Ø 540 mm, tandem pipe roller Ø 400 plus string roller Ø 400 mm, tandem pipe roller Ø 400, tandem U-ring roller Ø 540 mm, prismatic roller ORION Ø 500 mm.



# Subsoiler with the coupler

Subsoiler with Atlas tine, double-row

type  
**U 638**



### Additional mulching roller\*

| WORKING WIDTH | NET PRICE |
|---------------|-----------|
| 2,5 m         |           |
| 3,0 m         |           |
| 3,5 m         |           |
| 4,0 m/4,0 m H |           |
| 4,5 m H       |           |
| 5,0 m HP      |           |
| 6,0 m HP      |           |

\*) it cooperates with any type of rear roller as an auxiliary roller.



### Specifications

| WORKING WIDTH* | NUMBER OF TINES | POWER DEMAND (HP)* | WEIGHT (kg)** |
|----------------|-----------------|--------------------|---------------|
| 2,5 m          | 7               | 100                | 1500          |
| 3,0 m          | 9               | 130                | 1700          |
| 3,0 m          | 9 (7+2)         | 130                | 1720          |
| 3,5 m          | 11              | 160                | 1985          |
| 3,5 m          | 11 (9+2)        | 160                | 2000          |
| 4,0 m          | 13 (11+2)       | 190                | 2300          |
| 4,0 m H        | 13              | 200                | 3580          |
| 4,5 m H        | 14              | 220                | 3900          |
| 5,0 m HP       | 16              | 240                | 6020          |
| 6,0 m HP       | 20              | 260                | 6650          |

\*) minimum power requirement can vary depending on the machine equipment and soil conditions.

\*\*) weight of the machine with standard equipment.



# Subsoiler with the coupler

Subsoiler with Atlas tine, single-row

type  
**U 632**



### Standard equipment

Frame built from a square profile 100x100x8mm, Atlas tine (plough beam 35x70mm ended with cemented carbide chisel). The tine is protected from excessive overload by double-spring protection. Subsoiler is equipped with coupler to the rotary harrow or other cultivation machine. Side wing shares available as an option\*.  
\*) price see subsoiler U 638.



### Prices for the machines with standard equipment

| WORKING WIDTH | NUMBER OF TINES | NET PRICE |
|---------------|-----------------|-----------|
| 3,0 m         | 6               |           |
| 4,0 m         | 8               |           |



### Optional equipment (surcharge to the price of the machine with standard equipment)

|  | NET PRICE |
|--|-----------|
|--|-----------|

Hydraulic adjustment of the coupler\*

\*) as standard the coupler is set mechanically.



### Specifications

| WORKING WIDTH | NUMBER OF TINES | POWER DEMAND (HP)* | WEIGHT (kg)** |
|---------------|-----------------|--------------------|---------------|
| 3,0 m         | 6               | 160                | 1250          |
| 4,0 m         | 8               | 220                | 1525          |

\*) minimum power demand can vary greatly depending on the equipment and soil conditions.

\*\*) weight of the machine with standard equipment.





Rollers for field leveling and soil lumps breaking



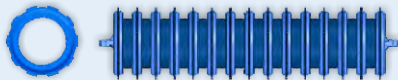
Cambridge roller 530 mm

| WORKING WIDTH | NET PRICE |
|---------------|-----------|
| 5,0 m         |           |
| 6,2 m         |           |
| 7,5 m         |           |
| 9,0 m         |           |
| 9,4 m T*      |           |



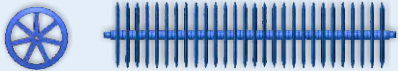
Crosskill roller 500 mm

| WORKING WIDTH | NET PRICE |
|---------------|-----------|
| 5,0 m         |           |
| 6,2 m         |           |
| 7,5 m         |           |
| 9,0 m         |           |
| 9,4 m T*      |           |



Roller of steel rings 600mm  
(boron steel 48-52 HRC)

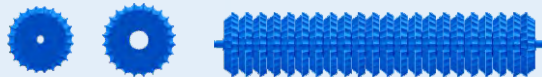
| WORKING WIDTH | NET PRICE |
|---------------|-----------|
| 5,0 m         |           |
| 6,2 m         |           |
| 7,5 m         |           |
| 9,0 m         |           |
| 9,4 m T*      |           |



Campbell roller Ø 700 mm\*\*

| WORKING WIDTH | NET PRICE |
|---------------|-----------|
| 6,2 m         |           |

\*\* ) Campbell roller rings 560mm available on order ☎.

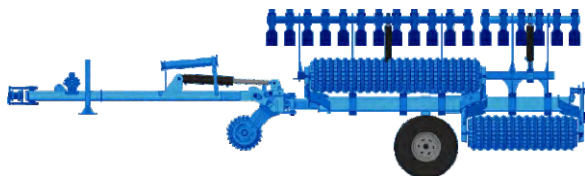
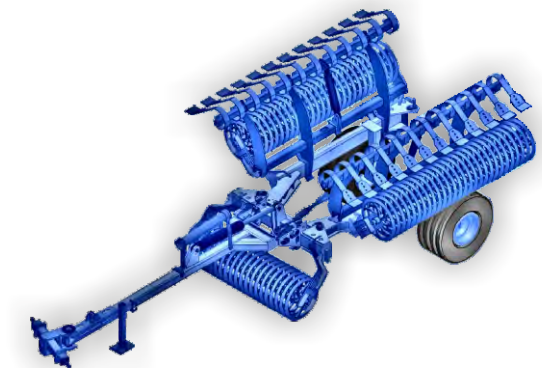
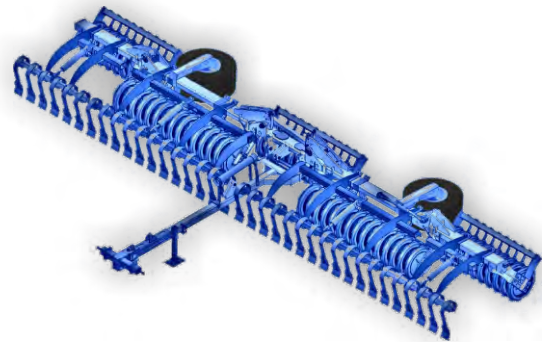
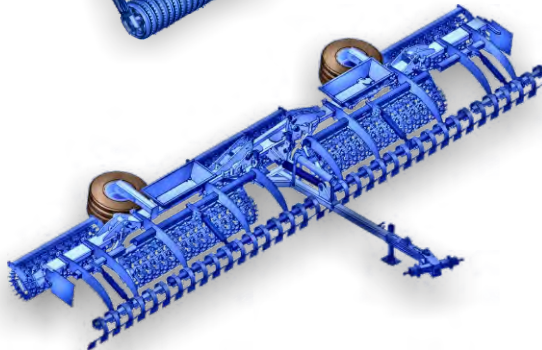
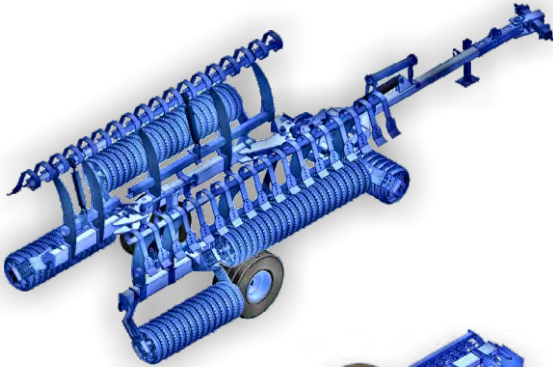


Prismatic roller ORION Ø 500 mm

| WORKING WIDTH | NET PRICE |
|---------------|-----------|
| 5,0 m         |           |
| 6,2 m         |           |
| 7,5 m         |           |
| 9,0 m         |           |
| 9,4 m T*      |           |

\*) Tandem axle.

Optional spheroidal cast iron is characterized by many times higher strength for heavy loads in relation to generally applicable gray cast iron. Ductility of spheroidal cast iron is similar to steel.



Rollers for field leveling and soil lumps breaking



Optional equipment (surcharge to the price of the machine with standard equipment)

Hydraulic drag Crossboard\*  
(spring 45x10 mm runner 100 mm)

| WORKING WIDTH | NET PRICE |
|---------------|-----------|
| 5,0 m         |           |
| 6,2 m         |           |
| 7,5 m         |           |
| 9,0 m         |           |
| 9,4 m T       |           |

Heavy duty Crossboard drag\*  
(spring 80x10 mm, runner 150 mm)

| WORKING WIDTH | NET PRICE |
|---------------|-----------|
| 5,0 m         |           |
| 6,2 m         |           |
| 7,5 m         |           |
| 9,0 m         |           |
| 9,4 m T       |           |

Heavy duty Crossboard drag with a stabilization beam\*  
(spring 80x10 mm, runner 150 mm)

| WORKING WIDTH | NET PRICE |
|---------------|-----------|
| 5,0 m         |           |
| 6,2 m         |           |
| 7,5 m         |           |
| 9,0 m         |           |
| 9,4 m T       |           |

\*) drag available as an option for Cambridge, Crosskill, Campbell 560 mm, ORION and a steel ring roller.

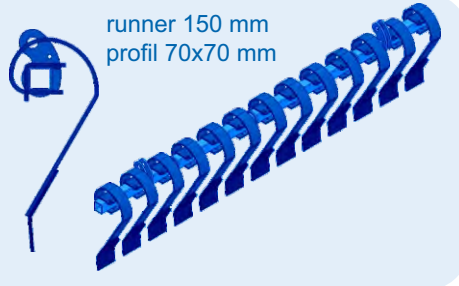
Other available options

|                                              | NET PRICE |
|----------------------------------------------|-----------|
| Rollers made of spheroidal cast iron GGG50*  |           |
| Hydraulic or pneumatic brake                 |           |
| Containers for stones (set)                  |           |
| Delimbe aftercrop seeder                     |           |
| APV aftercrop seeder                         |           |
| Rear LED lighting beam                       |           |
| Maintenance-free roller bearing unit (pc.)** |           |

\*) option available for Cambridge, Crosskill, Campbell and ORION rollers, the price is given for 1.0 m width.

As standard, the roller rings are made of gray cast iron.

\*\*) fittings made of spheroidal cast iron GGG50 with steel cover. Table with the number of bearing units on page 135.



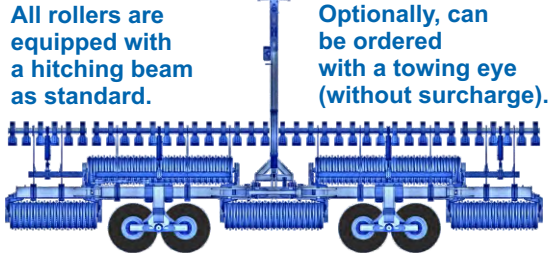
Specifications

| WORKING WIDTH | POWER DEMAND (HP)* | DIMENSION OF TRANSPORT TYRES |
|---------------|--------------------|------------------------------|
| 5,0 m         | 85                 | 400/75-15.3                  |
| 6,2 m         | 105                | 400/75-15.3                  |
| 7,5 m         | 125                | 400/60-15.5                  |
| 9,0 m         | 150                | 400/60-15.5                  |
| 9,4 m T       | 150                | 380/55-17                    |

\*) minimum power demand can vary greatly depending on the equipment and soil conditions.

| Specifications | Cambridge roller | Crosskill roller | Roller of steel rings | Campbell roller | ORION roller |
|----------------|------------------|------------------|-----------------------|-----------------|--------------|
| WORKING WIDTH  | WEIGHT* (KG)     | WEIGHT* (KG)     | WEIGHT* (KG)          | WEIGHT* (KG)    | WEIGHT* (KG) |
| 5,0 m          | 2860             | 2310             | 2475                  | x               | 2800         |
| 6,2 m          | 3300             | 2720             | 2880                  | 2355            | 3230         |
| 7,5 m          | 3850             | 3080             | 3325                  | x               | 3775         |
| 9,0 m          | 4620             | 3740             | 4040                  | x               | 4525         |
| 9,4 m T        | 5150             | 4235             | 4550                  | x               | 5055         |

\*) weight of the machine with standard equipment.

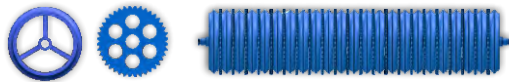






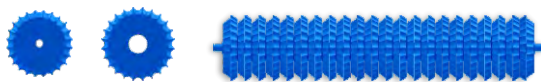
# Cambridge/ORION roller

(hydraulic folding system of the machine)



Cambridge roller Ø 530 mm

| WORKING WIDTH | NET PRICE  |
|---------------|------------|
| 6,2 m H       | 11910,00 € |
| 7,5 m H       | 13570,00 € |
| 8,3 m H       | 15085,00 € |
| 9,4 m H       | 17010,00 € |



Prismatic roller ORION Ø 500 mm

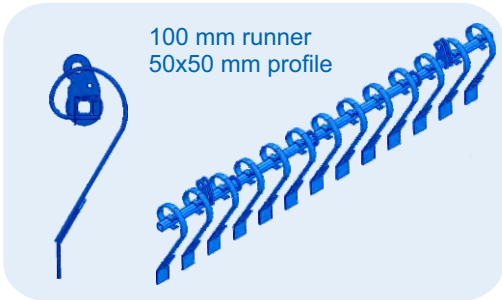
| WORKING WIDTH | NET PRICE |
|---------------|-----------|
| 6,2 m H       |           |
| 7,5 m H       |           |
| 8,3 m H       |           |
| 9,4 m H       |           |



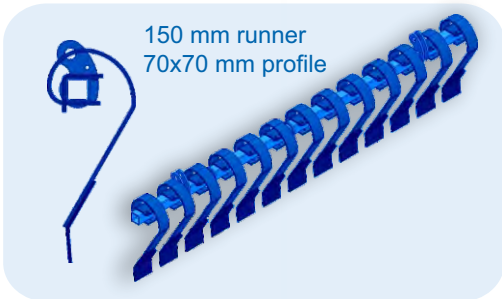
Optional equipment (additional payment for the price of the machine with standard equipment)

## Crossboard hydraulic drag\* (spring: 45x10 mm, runner: 100 mm)

| WORKING WIDTH | NET PRICE |
|---------------|-----------|
| 6,2 m H       |           |
| 7,5 m H       |           |
| 8,3 m H       |           |
| 9,4 m H       |           |



100 mm runner  
50x50 mm profile



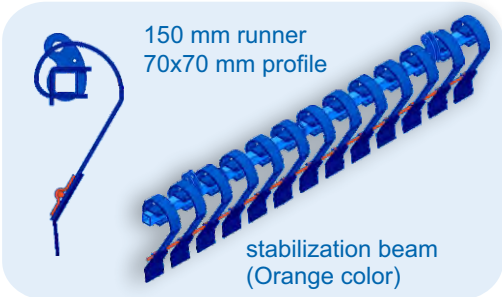
150 mm runner  
70x70 mm profile

## Reinforced Crossboard drag\* (spring: 80x10 mm, runner: 150 mm)

| WORKING WIDTH | NET PRICE |
|---------------|-----------|
| 6,2 m H       |           |
| 7,5 m H       |           |
| 8,3 m H       |           |
| 9,4 m H       |           |

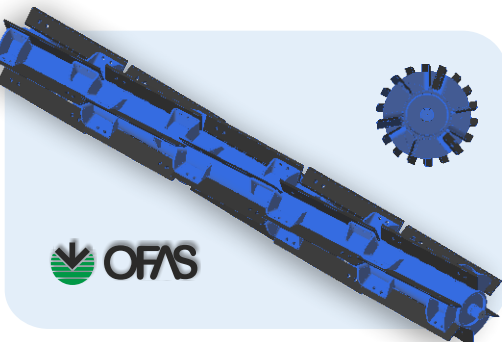
## Reinforced Crossboard drag with a stabilization beam\* (spring: 80x10 mm, runner: 150 mm)

| WORKING WIDTH | NET PRICE |
|---------------|-----------|
| 6,2 m H       |           |
| 7,5 m H       |           |
| 8,3 m H       |           |
| 9,4 m H       |           |



150 mm runner  
70x70 mm profile

stabilization beam  
(Orange color)



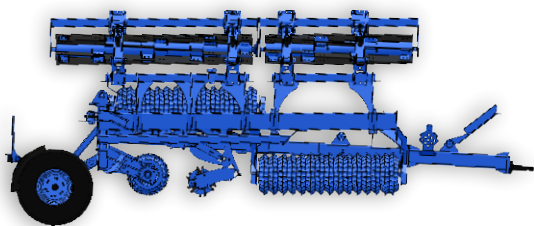
## ProCut knife roller (hydraulically controlled)

| WORKING WIDTH | NET PRICE |
|---------------|-----------|
| 6,2 m         |           |
| 7,5 m         |           |
| 8,3 m         |           |
| 9,4 m         |           |

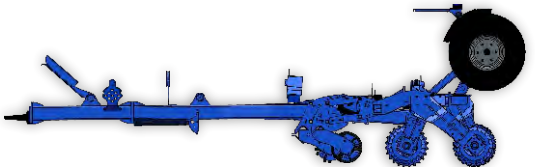


# Cambridge/ORION roller

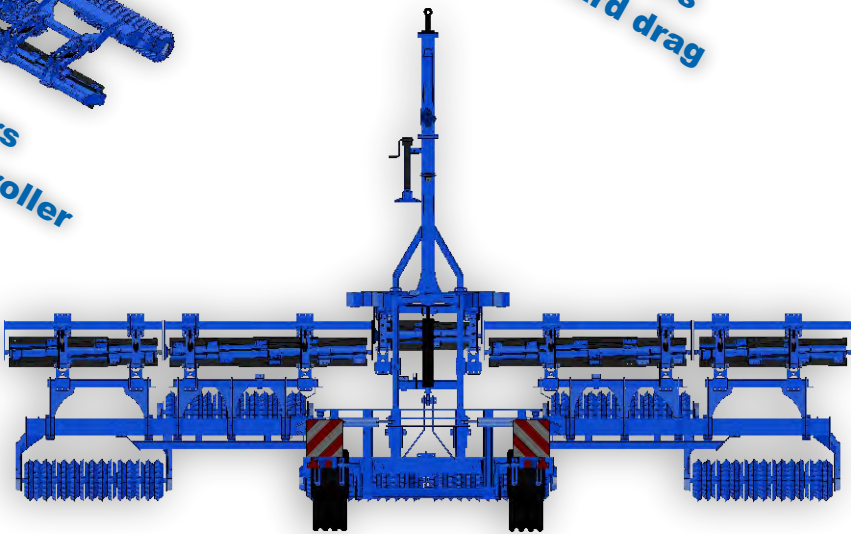
(hydraulic folding system of the machine)



Width 9.4 m



## Cambridge/ORION rollers with a new hydraulic folding system



### Other available options

|                                             | NET PRICE |
|---------------------------------------------|-----------|
| Rollers made of GGG50 spheroidal cast iron* |           |
| Hydraulic or pneumatic brake                |           |
| Wheels 500/50-17**                          |           |
| Stone containers (set)                      |           |
| Delimbe aftercrop seeder                    |           |
| APV aftercrop seeder                        |           |
| Rear LED lighting beam                      |           |

Maintenance-free roller bearing units (pcs.)\*\*\*

\*) the price is based on a width of 1.0 m. As standard, the roller rings are made of grey cast iron.

\*\*) as standard, the machine is equipped with 400/60-15.5 tyres.

\*\*\*) fittings made of GGG50 spheroidal cast iron with steel cover. The table with the number of bearing units can be found on page 135.



| Technical data | Cambridge roller | ORION roller |
|----------------|------------------|--------------|
| WORKING WIDTH  | WEIGHT* (KG)     | WEIGHT* (KG) |
| 6,2 m          | 3420             | 3350         |
| 7,5 m          | 4000             | 3925         |
| 8,3 m          | 4420             | 4280         |
| 9,4 m          | 5005             | 4910         |

\*) weight of the machine with standard equipment.



R

APV PS M1 120/200/300 pneumatic aftercrop seeder

The price does not include installation on the tillage machine and mounting elements



In cooperation with specialists from the APV company who offer a wide range of aftercrop and fertiliser seeders, we equip our tillage machines with aftercrop seeders. The entire range of products and accessories are available on the manufacturer's website (<https://www.apv.at>).





| SEEDER TYPE                                                                                                                                                                       | NET PRICE                     |                            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|----------------------------|
| ES 100 M1 CLASSIC single disc spreader                                                                                                                                            |                               |                            |
| Precision dispersion plate 1-4 m                                                                                                                                                  |                               |                            |
| Mounting base for APV ES 100 M1 seeder                                                                                                                                            |                               |                            |
| <b>Price of the machine with standard equipment</b>                                                                                                                               |                               |                            |
| SEEDER TYPE                                                                                                                                                                       | Electrical fan**<br>NET PRICE | Hydraulic fan<br>NET PRICE |
| MDP 100 M1***                                                                                                                                                                     |                               |                            |
| PS 120 L                                                                                                                                                                          |                               |                            |
| PS 200 L                                                                                                                                                                          |                               |                            |
| PS 300 L                                                                                                                                                                          |                               |                            |
| *) a suitable control box is needed.<br>**) for the working width of max. 4,0 m.<br>For larger widths, a hydraulic fan is available.<br>***) for the working width of max. 3,5 m. |                               |                            |

R

APV PS 500 M2 pneumatic aftercrop seeder

The price does not include installation on the tillage machine and mounting elements

|                                                                                     |                                                            |           |
|-------------------------------------------------------------------------------------|------------------------------------------------------------|-----------|
|  | <b>Price of the machine with standard equipment*</b>       |           |
|                                                                                     | SEEDER TYPE                                                | NET PRICE |
|                                                                                     | PS 500 M2 (Electrical fan)**                               |           |
|                                                                                     | PS 500 M2 (Hydraulic fan)                                  |           |
|                                                                                     | *) a suitable control box is needed.                       |           |
|                                                                                     | **) For max 4,0 m working width.                           |           |
|                                                                                     | Hydraulic fan is available for working widths above 4,0 m. |           |

The rebate granted to the Rolmako agricultural machinery is not applicable in case of the APV seeders

R

APV PS 800 M1 pneumatic aftercrop seeder

The price does not include installation on the tillage machine and mounting elements



Price of the machine with standard equipment\*

| SEEDER TYPE                          | NET PRICE |
|--------------------------------------|-----------|
| PS 800 M1 (Hydraulic fan)*           |           |
| *) a suitable control box is needed. |           |



It is important to order a necessary control box for all types of seeders

Price of the machine with standard equipment\*

| Type            | AVAILABILITY FOR SEEDERS                           | NET PRICE |
|-----------------|----------------------------------------------------|-----------|
| Control box 1.2 | MDP 100 M, PS 120,200,300 M1, PS 500 M2            |           |
| Control box 5.2 | MDP 100 M, PS 120,200,300 M1, PS 500 M2, PS 800 M1 |           |
| Control box 6.2 | PS 120,200,300 M1, PS 500 M2, PS 800 M1            |           |

\*) The selection of the right control box affects the possibility of additionally equipping the seeder with extra options.



More about control boxes at <https://www.apv.at>

Control box 1.2



Control box 5.2



Control box 6.2







# Seed rollers for aftercrop seeder

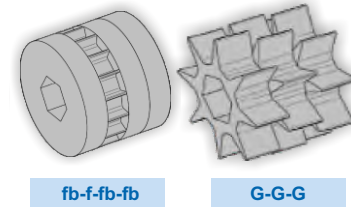
The price does not include installation on the tillage machine and mounting elements



## Standard sowing shafts:

**Fb-f-fb-fb** sowing shaft for smaller grains and/or smaller amount of seeds used example: rapeseed, clover, phacelia, molluscicides.

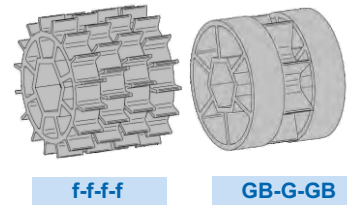
**GGG** sowing shaft for bigger grains or larger amount of seeds used example: grass, grass mixtures, rye, barley, wheat, oats, peas etc.



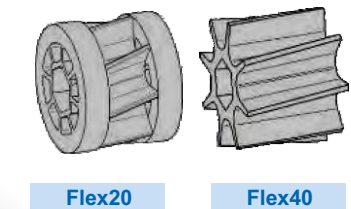
## Additional shafts:

**f-f-f-f** shaft used with small amounts of seeds or small size grains. Example: rape, clover, phacelia, slug pellets etc.

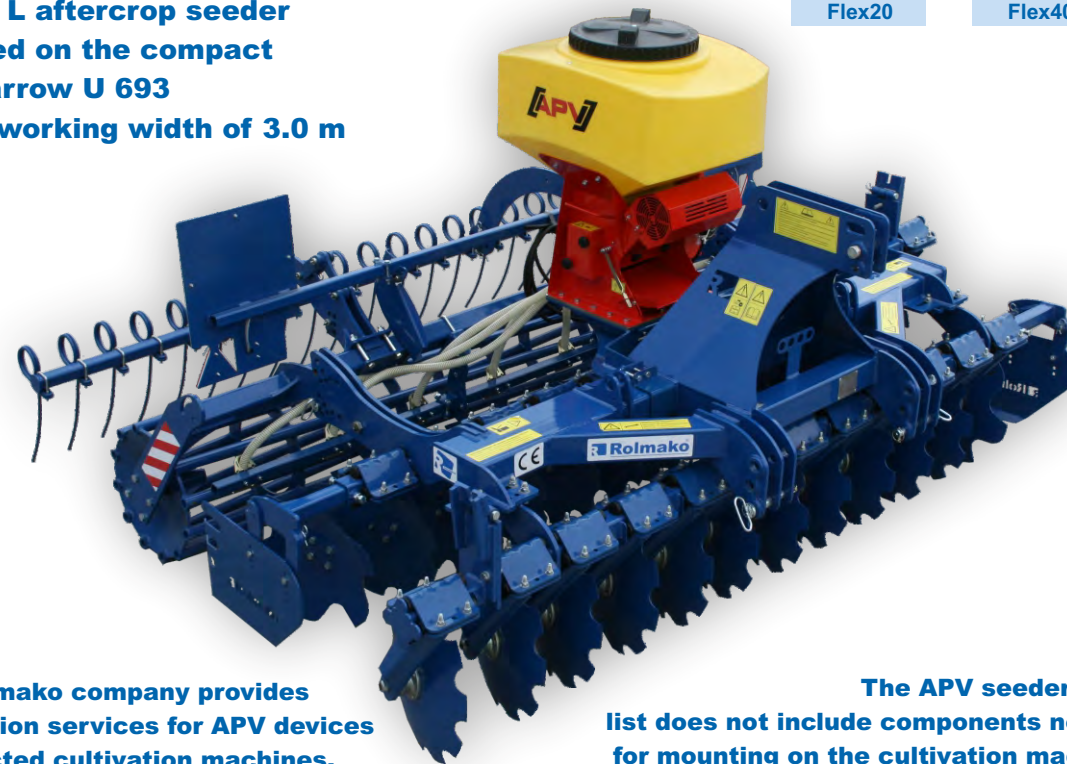
**GB-G-GB** the scope of the sowing shaft with coarse teeth. Examples: a mixture of grasses, rye, barley, wheat, oats, mixes with peas, etc. (generally for large quantities or possibly large grains).



The scope of the sowing wheels **Flex20** and **Flex40**: for seeds of a very large size, such as. peas, vetch, fertilizers, etc., because these sowing wheels are flexible, you can avoid damaging them.



**PS 200 L aftercrop seeder mounted on the compact disc harrow U 693 with a working width of 3.0 m**



The Rolmako company provides installation services for APV devices on selected cultivation machines. The price depends on the model of the machine and the place where the aftercrop seeder will be mounted.

The APV seeder price list does not include components needed for mounting on the cultivation machine. Place of installation of the seeder is established individually with the customer and is dependent on the machine type and the chosen configuration.



## Optional equipment (surcharge to the price of the machine with standard equipment)

| SHAFT TYPE                           | PS 120-500<br>NET PRICE | PS 800<br>NET PRICE |
|--------------------------------------|-------------------------|---------------------|
| f-f-f-f (grass, mustard, cress)      |                         |                     |
| GB-G-GB (grass, buckwheat)           |                         |                     |
| FLEX20 (peas, beans, lupines, vetch) |                         |                     |



# APV PS M1 120/200/300 pneumatic aftercrop seeder

The price does not include installation on the tillage machine and mounting elements



## Optional equipment (surcharge to the price of the machine with standard equipment)

|                                                                   | NET PRICE |
|-------------------------------------------------------------------|-----------|
| Cable extension PS MX 5 m (only for trailed machines)             |           |
| Fill level sensor (MDP 100 M1 model)                              |           |
| Fill level sensor* (other seeders)                                |           |
| Calibration button*                                               |           |
| 7-pin signal cable**                                              |           |
| Tractor linkage pull switch sensor**                              |           |
| GPS Sensor**                                                      |           |
| Wheel sensor**                                                    |           |
| *) for PS 500 M2 and PS 800 M1 seeders, it is standard equipment. |           |
| **) option available for 5.2 and 6.2. control boxes               |           |
| ***) option available only with 6.2 control box.                  |           |

Information on our other accessories for pneumatic seeders can be found on our website <https://www.apv-polska.pl>

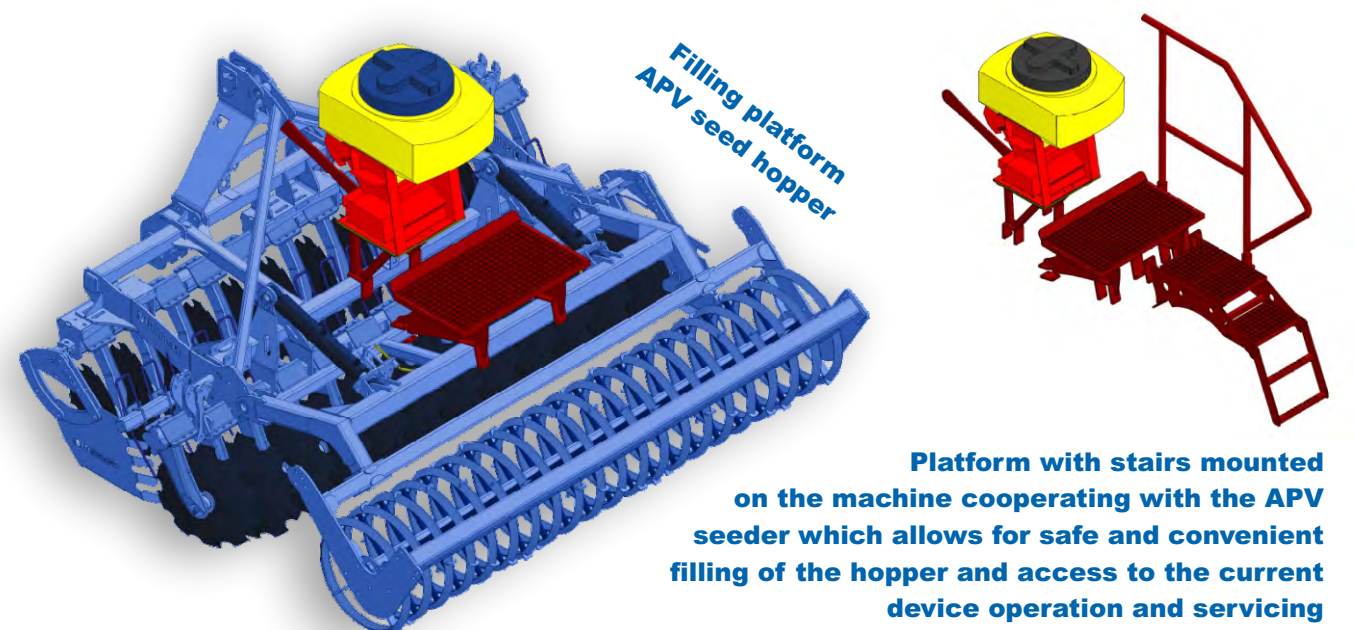


## Plate for seeder + seeder mounting + hopper filling platform

| SEEDER TYPE                  | mounted machine<br>NET PRICE | trailed machine<br>NET PRICE |
|------------------------------|------------------------------|------------------------------|
| MDP 100 M1, PS 120/200/300 L |                              |                              |
| PS 500 M2                    |                              |                              |
| PS 800 M1                    |                              |                              |

## Plate for seeder + seeder mounting + platform with stairs

| SEEDER TYPE                  | mounted machine<br>NET PRICE | trailed machine<br>NET PRICE |
|------------------------------|------------------------------|------------------------------|
| MDP 100 M1, PS 120/200/300 L |                              |                              |
| PS 500 M2                    |                              |                              |
| PS 800 M1                    |                              |                              |



Platform with stairs mounted on the machine cooperating with the APV seeder which allows for safe and convenient filling of the hopper and access to the current device operation and servicing

Pneumatic seed drills in a fertiliser version available on request



# Extended 3-year warranty

In order to emphasise the reliability of our products, the use of metallurgical components from the best specialists in the industry, we are introducing an extended warranty programme of 3 years available for all tillage machines.

Stubble cultivation, seedbed preparation, shallow and deep cultivation, mechanical weed control, deep loosening, rolling – tillage machines from Rolmako are ready for all these tasks offering powerful performance. Our customers can always count on our service support ensured for 3 years.

|                                                                                                                      |           |
|----------------------------------------------------------------------------------------------------------------------|-----------|
| Extended 3-year warranty*                                                                                            | NET PRICE |
| Mounted machines                                                                                                     |           |
| Hydraulically folded machines                                                                                        |           |
| *) warranty conditions available at <a href="http://www.rolmako.com/warranty.pdf">www.rolmako.com/warranty.pdf</a> . |           |

# Steel that provides a competitive advantage over the market

Noticeably extended service life under the most requiring operation conditions

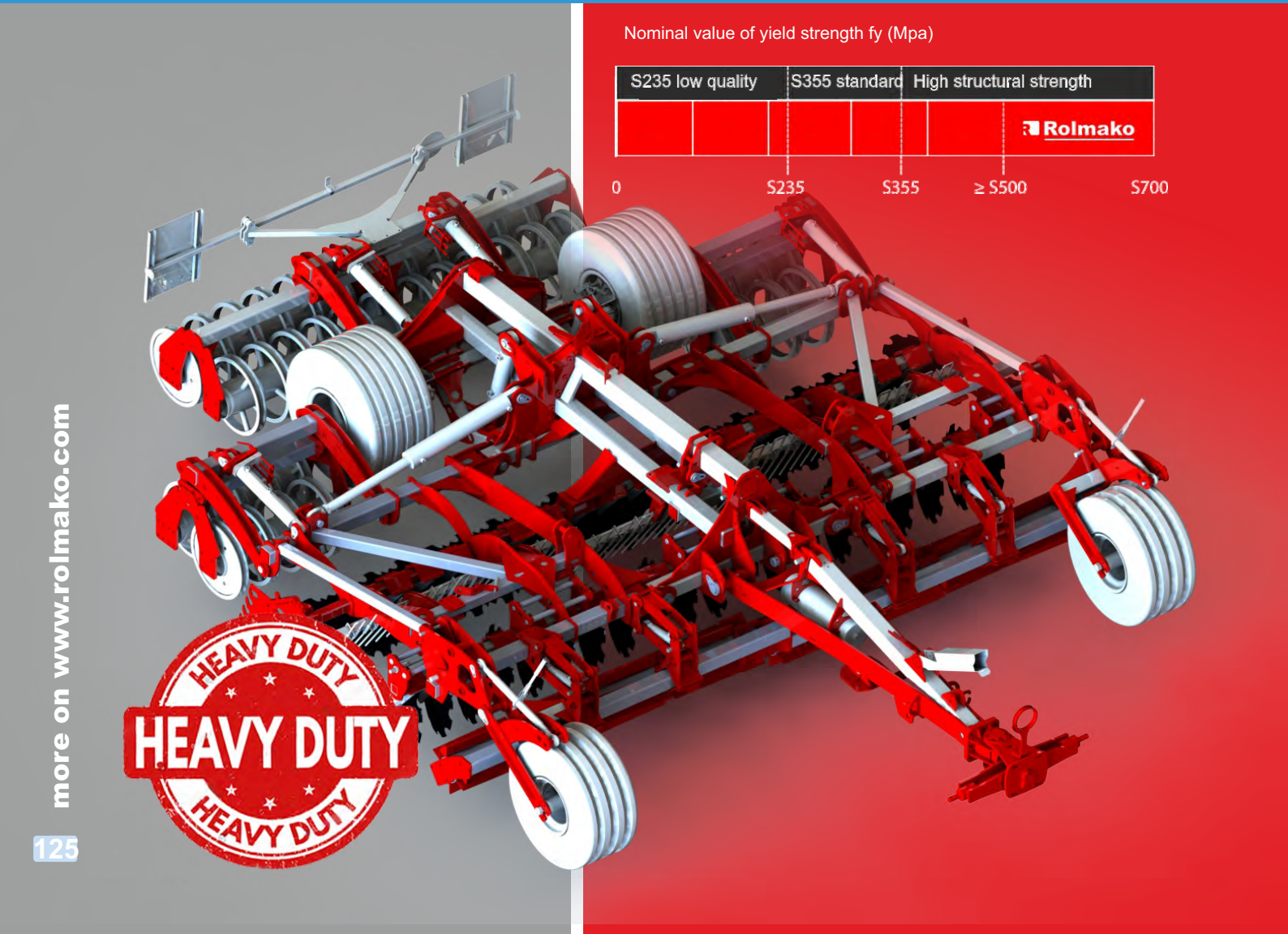
In Rolmako machines, we use high-strength steel not only in working elements of the machine, but also in extremely loaded parts of the main frames and adjustment mechanisms. The most important thing is the right selection of material to a specific component of the tillage machine.

In the production process we use the finest materials, these include:

- Fine-grained structural steel S500/S700 with increased strength
  - Thick-walled certified structural profiles S355
  - Hard-wearing HARDOX STEEL
  - Structural spring steel
  - C45 carbon unalloyed steel
- Hardened boron steel 48-52 HRC
  - Phosphor bronze – copper-tin alloy
  - Bronze sliding bushings
  - High quality hardened hitch with a hardness of 35-40 HRC
  - Drop forged machine parts 35-40 HRC
  - Ductile cast iron GGG50 - Polymer bushings



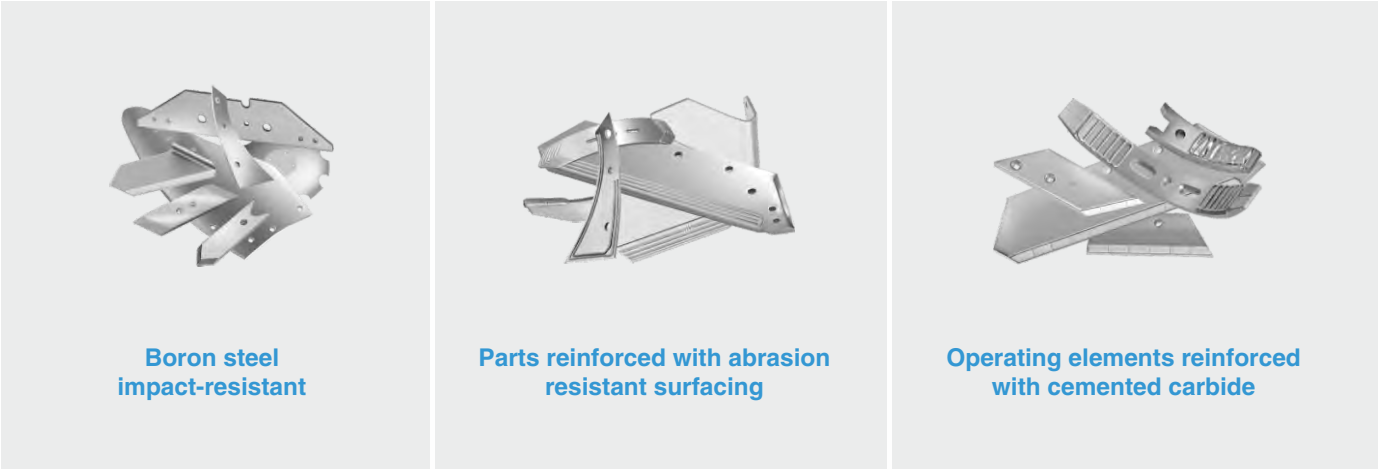
Tillage machines with a warranty for 3 full seasons



Tillage machines with a warranty for 3 full seasons



# 3 quality variants of working elements

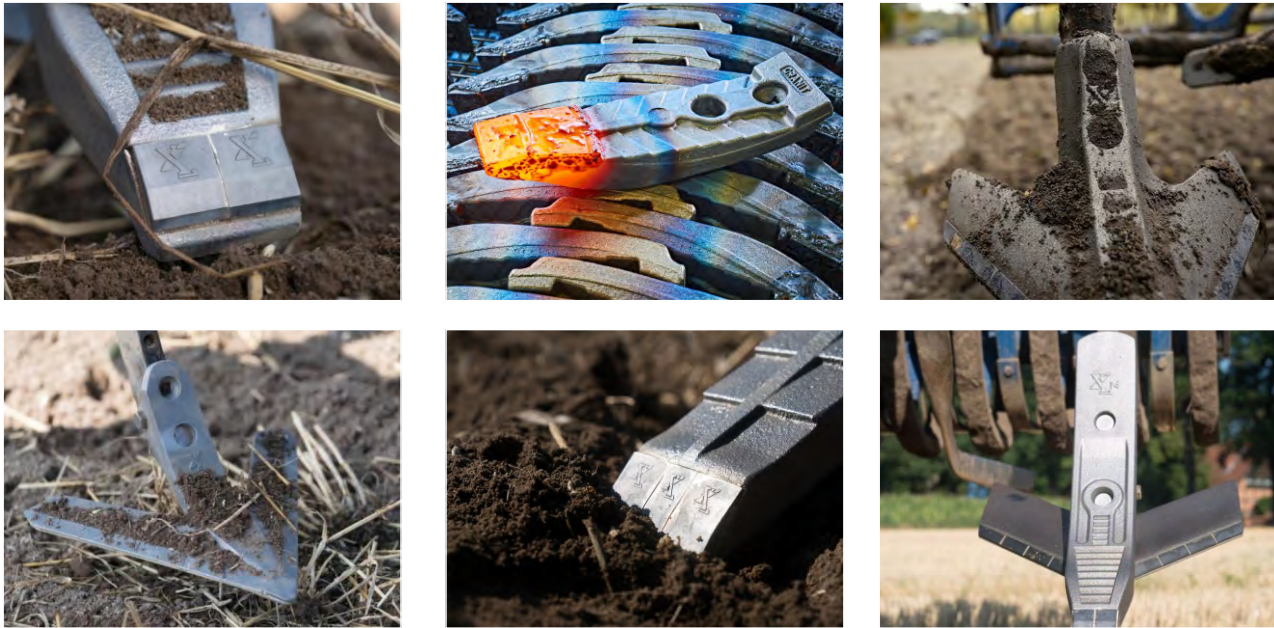


| QUALITY OPTIONS | Boron steel impact-resistant                                                                                                                                                                  | Parts reinforced with abrasion resistant surfacing                                                                                                                                                                                                                                                                                                                                | Operating elements reinforced with cemented carbide                                                                                                                                                                                                                                                     |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                 | The basic standard of replacement parts provides the best price-quality ratio and high reliability. Working elements intended for average requirements as part of working in individual farm. | Difficult to wear, high quality, efficient and reliable. Their best performance can be noticed in difficult working conditions, when the machine is exposed to high loads. Pad welded working elements are recommended to be used when working on soils that cause above-average wear and at heavy loads of working tools during service work or shared use within several farms. | Extreme working conditions and heavy load on the machine are your daily routine? The plough parts with built-in cemented carbide are just for you. Cemented carbide blades allow to increase up to 7 times the service life of cultivator working elements, or other machines used in soil cultivation. |
| APPLICATION     | Light soils                                                                                                                                                                                   | Heavy soils difficult to cultivate                                                                                                                                                                                                                                                                                                                                                | Sandy soils without stones                                                                                                                                                                                                                                                                              |
| SERVICE LIFE    |                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                         |



# 3 quality variants of working elements

New working methods, increased tractor power or even climate change are factors that contribute to the wear of the parts. Tungsten carbide is perfect for these new conditions. Rolmako cooperates with specialists in the production of agricultural parts reinforced with tungsten carbide inserts that make them exceptionally wear resistant. The design of our tools ensures long-term long-lasting dimensional stability and thus a consistently good working result at a constant working depth. The quality of plough elements results from many years of experience originating for example from mining, which also requires particularly high quality raw materials which only a few suppliers in the world use today. Numerous experiments and comparisons made with farmers on increasingly efficient solutions prove that investing in working elements with cemented carbide for tillage machines allows to significantly increase efficiency and save time needed for inspections and replacement of working parts. It is an investment that quickly pays off.



Adjustment table for tillage machines

| Machine type                                                | Boron steel | Welded | Cemented carbide |
|-------------------------------------------------------------|-------------|--------|------------------|
| Tillage cultivator mounted on the front three-point linkage | X           | -      | X                |
| ActiVAgro                                                   | X           | -      | X                |
| U 445                                                       | X           | -      | X                |
| U 684                                                       | X           | -      | -                |
| U 497                                                       | X           | -      | X                |
| ComboTill                                                   | X           | -      | X                |
| Spring Expert                                               | X           | -      | X                |
| U 453                                                       | X           | X      | -                |
| U 436                                                       | X           | X      | X                |
| U 602                                                       | X           | -      | -                |
| U 608                                                       | X           | X      | X                |
| U 614                                                       | X           | X      | X                |
| U 619                                                       | X           | X      | X                |
| U 624                                                       | X           | X      | X                |
| U 638                                                       | -           | -      | X                |

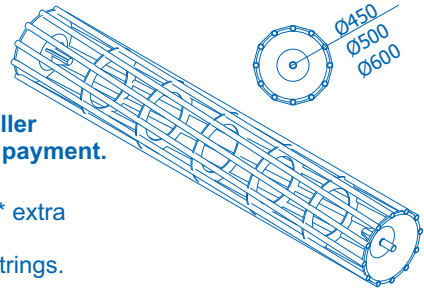


# Rear rollers for tillage machines



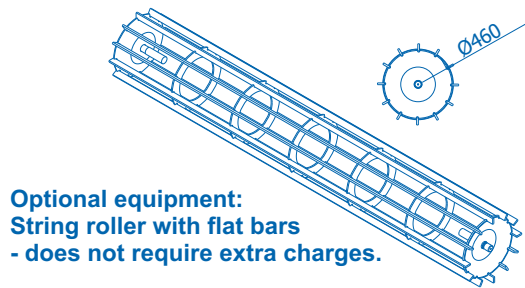
### Standard equipment

Rolmako tillage machines as a standard are equipped with a rear string pipe roller. Pipe roller Ø 450mm is mounted in seedbed cultivators, in other machines the basic roller is a pipe roller with Ø 500mm. All rollers above 3m width are divided into two parts.



**Standard equipment: Pipe roller**  
- does not require additional payment.

Pipe roller Ø 500 mm 8 strings\* extra charge 30 € x machine width.  
(\*) standard pipe roller has 12 strings.



**Optional equipment: String roller with flat bars**  
- does not require extra charges.



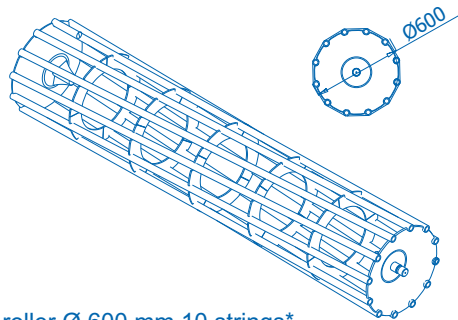
### The use of rollers in tillage machines

|                                       | U 659              | U 684                      | U 497                     | U 453              | U 622<br>U 652 | U 693       | U 671                | U 645                                 | U 436                              | U 602<br>U 619<br>U 638 |
|---------------------------------------|--------------------|----------------------------|---------------------------|--------------------|----------------|-------------|----------------------|---------------------------------------|------------------------------------|-------------------------|
|                                       | seedbed cultivator | compact tillage cultivator | universal crop cultivator | stubble cultivator | disc harrow    | disc harrow | heavy stubble harrow | disc harrow for vineyards and gardens | multifunctional tillage cultivator | subsoiler*              |
| string roller with flat bars          | ●                  | ●                          | ●                         | ●                  | ●              | ●           |                      | ●                                     | ●                                  | ●                       |
| string roller with cogged bars        | ●                  | ●                          | ●                         | ●                  | ●              | ●           |                      | ●                                     | ●                                  | ●                       |
| string pipe roller                    | ●                  | ●                          | ●                         | ●                  | ●              | ●           | ●                    | ●                                     | ●                                  | ●                       |
| Packer cogged roller                  | ●                  | ●                          | ●                         | ●                  | ●              | ●           | ●                    | ●                                     | ●                                  | ●                       |
| tubular-ring roller                   | ●                  |                            | ●                         | ●                  | ●              | ●           |                      | ●                                     | ●                                  | ●                       |
| Crosskill roller                      | ●                  | ●                          | ●                         | ●                  | ●              | ●           | ●                    | ●                                     | ●                                  | ●                       |
| ring roller V-ring, U-ring, T-ing     |                    |                            | ●                         | ●                  | ●              | ●           | ●                    | ●                                     | ●                                  | ●                       |
| spring roller                         | ●                  |                            | ●                         | ●                  | ●              | ●           | ●                    | ●                                     | ●                                  | ●                       |
| rubber roller                         |                    |                            | ●                         | ●                  | ●              | ●           | ●                    | ●                                     | ●                                  | ●                       |
| steel ring roller                     |                    |                            |                           | ●                  | ●              | ●           | ●                    | ●                                     | ●                                  | ●                       |
| spiral roller                         |                    |                            | ●                         | ●                  |                | ●           |                      |                                       | ●                                  |                         |
| Twin Disc roller                      |                    |                            |                           |                    |                |             |                      |                                       |                                    | ●                       |
| tyre-transporting roller**            |                    |                            |                           |                    |                | ●           |                      |                                       | ●                                  |                         |
| tyre roller                           |                    |                            |                           | ●                  | ●              | ●           | ●                    |                                       | ●                                  |                         |
| Tandem pipe roller plus string roller |                    |                            |                           | ●                  | ●              | ●           | ●                    |                                       | ●                                  | ●                       |
| Tandem pipe roller                    |                    |                            |                           | ●                  | ●              | ●           | ●                    |                                       | ●                                  | ●                       |
| Tandem U-ring                         |                    |                            |                           | ●                  | ●              | ●           | ●                    |                                       | ●                                  | ●                       |
| prismatic roller ORION                |                    | ●                          | ●                         | ●                  | ●              | ●           | ●                    |                                       | ●                                  | ●                       |

\*) tandem rollers are available only for the U 638 subsoiler. The Twin Disc roller is not available for the U 638 subsoiler.  
(\*\*) the transport tyre roller is available for rigid machines. The optional roller is always combined with a drawbar and hydraulic depth adjustment to form a trailer machine. The roller cultivates the land and is also a drive unit.



### (extra charge to the machine for the roller other than the pipe roller)



Pipe roller Ø 600 mm 10 strings\* extra charge 30 € x machine width.  
(\*) standard pipe roller has 12 strings.

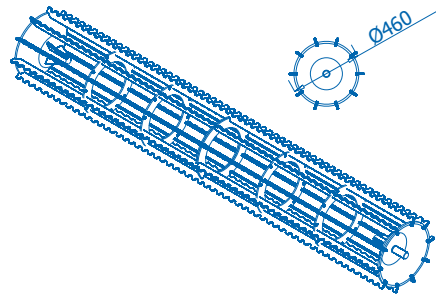
### Pipe roller

| WORKING WIDTH  | NET PRICE |
|----------------|-----------|
| 2,1m ÷ 3,0m    |           |
| 3,5m/3,9m/4,0m |           |
| 4,0m H         |           |
| 4,5m/5,0m H    |           |
| 6,0m H         |           |
| 8,0m H         |           |



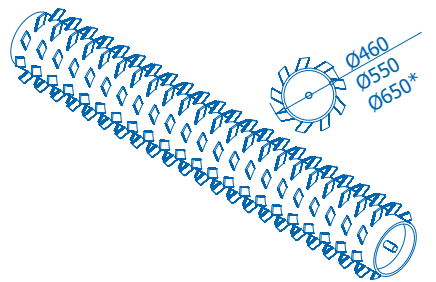
# Rear rollers for tillage machines

(extra charge to the machine for the roller other than the pipe roller)



### String roller with cogged bars

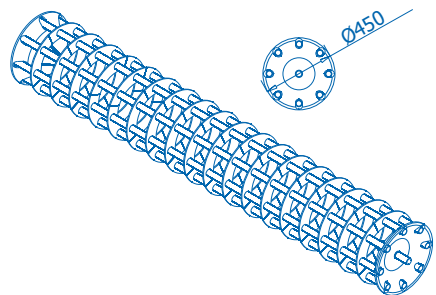
| WORKING WIDTH  | NET PRICE |
|----------------|-----------|
| 2,1m ÷ 3,0m    |           |
| 3,5m/3,9m/4,0m |           |
| 4,0m H         |           |
| 4,5m/5,0m H    |           |
| 6,0m H         |           |
| 8,0m H         |           |



### Packer cogged roller

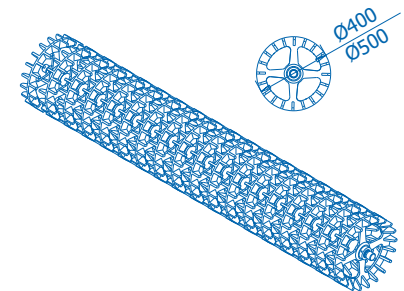
| WORKING WIDTH  | 460 mm NET PRICE | 550 mm NET PRICE |
|----------------|------------------|------------------|
| 2,1m ÷ 3,0m    |                  |                  |
| 3,5m/3,9m/4,0m |                  |                  |
| 4,0m H         |                  |                  |
| 4,5m/5,0m H    |                  |                  |
| 6,0m H         |                  |                  |
| 8,0m H         |                  |                  |

\*) roller available for heavy disc harrow, page number 73 in the price list.



### Tubular-ring roller

| WORKING WIDTH  | NET PRICE |
|----------------|-----------|
| 2,1m ÷ 3,0m    |           |
| 3,5m/3,9m/4,0m |           |
| 4,0m H         |           |
| 4,5m/5,0m H    |           |
| 6,0m H         |           |
| 8,0m H         |           |



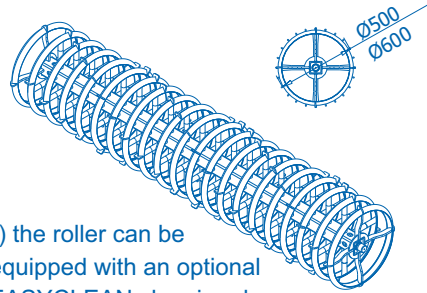
### Crosskill roller

| WORKING WIDTH  | 400 mm NET PRICE | 500 mm NET PRICE |
|----------------|------------------|------------------|
| 2,5m/2,7m/3,0m |                  |                  |
| 3,5m/4,0m      |                  |                  |
| 4,0m H         |                  |                  |
| 4,5m/5,0m H    |                  |                  |
| 6,0m H         |                  |                  |
| 8,0m H         |                  |                  |



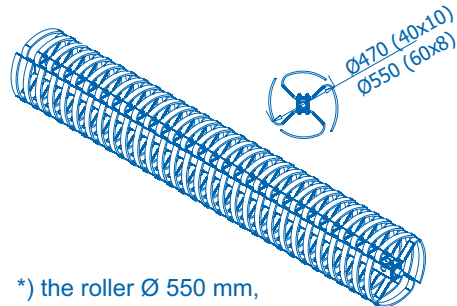
# Rear rollers for tillage machines

(extra charge to the machine for the roller other than the pipe roller)



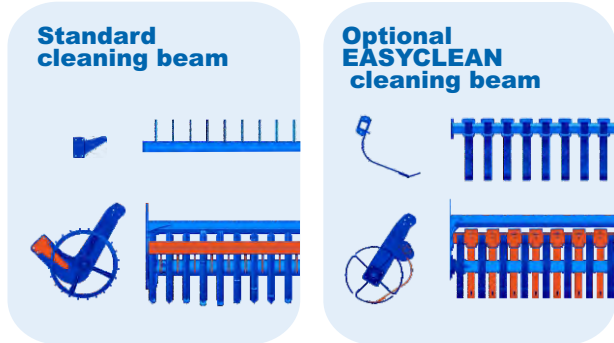
\*) the roller can be equipped with an optional EASYCLEAN cleaning drag.

| Ring roller (angle bar / V-ring)* |           |           |
|-----------------------------------|-----------|-----------|
|                                   | 500 mm    | 600 mm    |
| WORKING WIDTH                     | NET PRICE | NET PRICE |
| 2,1m ÷ 3,0m                       |           |           |
| 3,5m/3,9m/4,0m                    |           |           |
| 4,0m H                            |           |           |
| 4,5m/5,0m H                       |           |           |
| 6,0m H                            |           |           |
| 8,0m H                            |           |           |

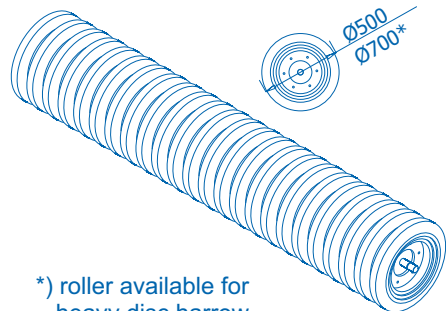


\*) the roller Ø 550 mm, can be equipped with an optional EASYCLEAN cleaning drag.

| Spring roller  |           |           |
|----------------|-----------|-----------|
|                | 470 mm    | 550 mm*   |
| WORKING WIDTH  | NET PRICE | NET PRICE |
| 2,1m ÷ 3,0m    |           |           |
| 3,5m/3,9m/4,0m |           |           |
| 4,0m H         |           |           |
| 4,5m/5,0m H    |           |           |
| 6,0m H         |           |           |
| 8,0m H         |           |           |

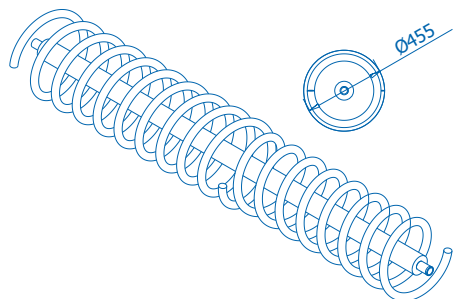


| EASYCLEAN cleaning beam drag*                                                           |           |
|-----------------------------------------------------------------------------------------|-----------|
| WORKING WIDTH                                                                           | NET PRICE |
| 2,1m ÷ 3,0m                                                                             |           |
| 3,5m/3,9m/4,0m/4,0m H                                                                   |           |
| 4,5m/5m H                                                                               |           |
| 6,0m H                                                                                  |           |
| 8,0m H                                                                                  |           |
| *) option available for the V-ring 500/600 mm ring roller and the 550 mm spring roller. |           |



\*) roller available for heavy disc harrow, page number 73 in the price list.

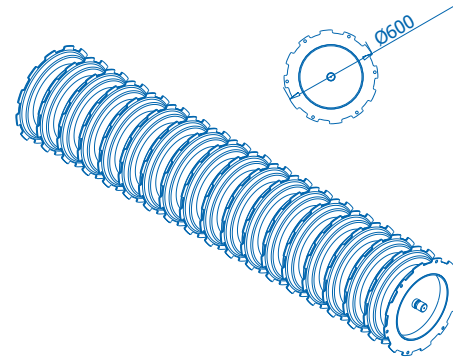
| Rubber roller  |           |
|----------------|-----------|
| WORKING WIDTH  | NET PRICE |
| 2,1m ÷ 3,0m    |           |
| 3,5m/3,9m/4,0m |           |
| 4,0m H         |           |
| 4,5m/5m H      |           |
| 6,0m H         |           |
| 8,0m H         |           |



| Spiral roller (Made in Germany) |           |
|---------------------------------|-----------|
| WORKING WIDTH                   | NET PRICE |
| 2,1m ÷ 3,0m                     |           |
| 3,5m                            |           |
| 3,9m/4,0m/4,0m H                |           |
| 4,5m H                          |           |
| 5,0m H                          |           |
| 6,0m H                          |           |
| 8,0m H                          |           |

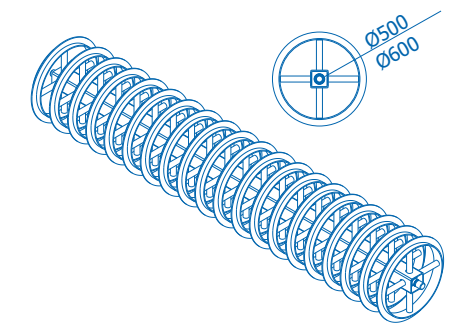
# Rear rollers for tillage machines

(extra charge to the machine for the roller other than the pipe roller)



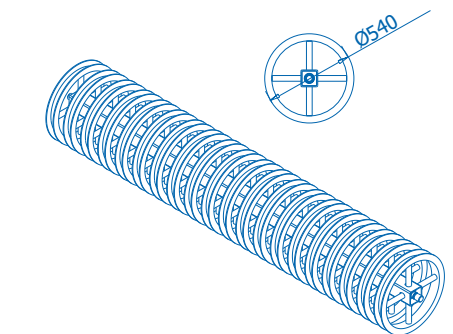
Roller of steel rings 48-52 HRC

| WORKING WIDTH | NET PRICE |
|---------------|-----------|
| 2,6m ÷ 3,0m   |           |
| 3,5m          |           |
| 4,0m          |           |
| 4,0m H        |           |
| 4,5m/5,0m H   |           |
| 6,0m H        |           |
| 8,0m H        |           |



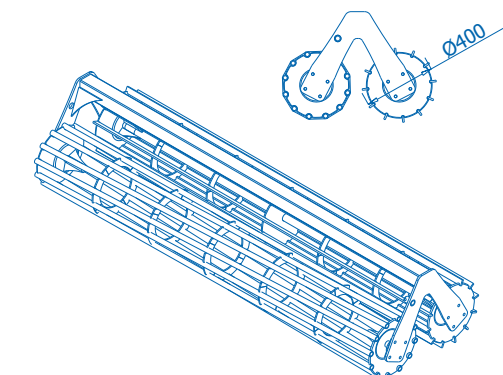
| T-ring roller* |           |           |
|----------------|-----------|-----------|
|                | 500 mm    | 600 mm    |
| WORKING WIDTH  | NET PRICE | NET PRICE |
| 2,1m ÷ 3,0m    |           |           |
| 3,5m/3,9m/4,0m |           |           |
| 4,0m H         |           |           |
| 4,5m/5,0m H    |           |           |
| 6,0m H         |           |           |
| 8,0m H         |           |           |

\*) The T-ring roller is fitted as standard with the EASYCLEAN drag between the rings that protects the roller against clogging.



| U-ring roller* |           |
|----------------|-----------|
| WORKING WIDTH  | NET PRICE |
| 2,1m ÷ 3,0m    |           |
| 3,5m/3,9m/4,0m |           |
| 4,0m H         |           |
| 4,5m/5,0m H    |           |
| 6,0m H         |           |
| 8,0m H         |           |

\*) The U-ring roller is fitted as standard with the EASYCLEAN drag between the rings that protects the roller against clogging.



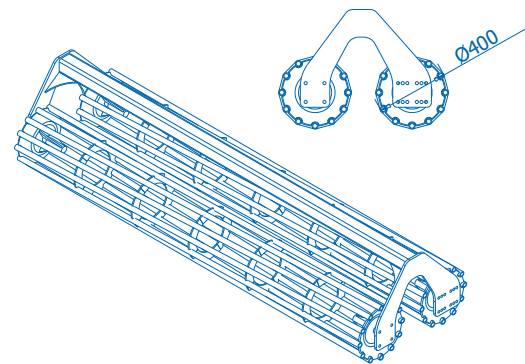
| Tandem pipe roller Ø 400 plus string roller Ø 400 mm |           |
|------------------------------------------------------|-----------|
| WORKING WIDTH                                        | NET PRICE |
| 2,1m ÷ 3,0m                                          |           |
| 3,5m/3,9m/4,0m                                       |           |
| 4,0 H                                                |           |
| 4,5m/5,0m H                                          |           |
| 6,0m H                                               |           |
| 8,0m H                                               |           |





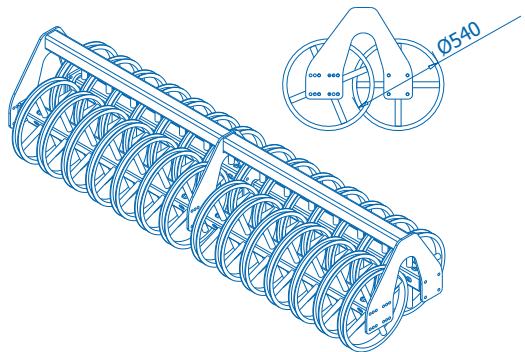
# Rear rollers for tillage machines

(extra charge to the machine for the roller other than the pipe roller)



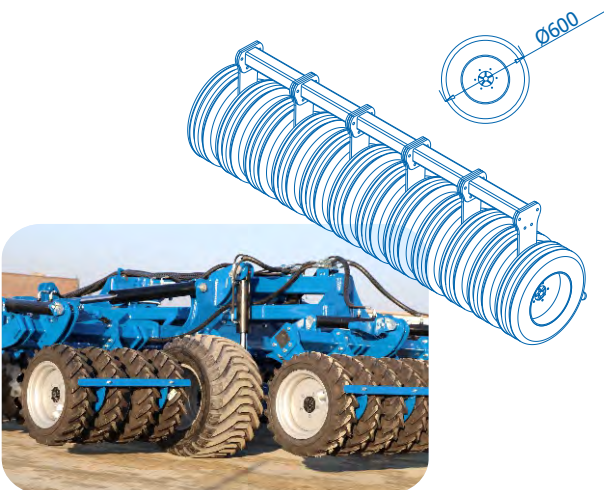
Tandem pipe roller Ø 400\*

| WORKING WIDTH  | NET PRICE |
|----------------|-----------|
| 2,1m ÷ 3,0m    |           |
| 3,5m/3,9m/4,0m |           |
| 4,0 H          |           |
| 4,5m/5,0m H    |           |
| 6,0m H         |           |
| 8,0m H         |           |



Tandem U-ring

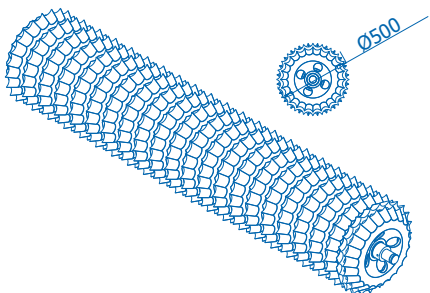
| WORKING WIDTH  | NET PRICE |
|----------------|-----------|
| 2,1m ÷ 3,0m    |           |
| 3,5m/3,9m/4,0m |           |
| 4,0 H          |           |
| 4,5m/5,0m H    |           |
| 6,0m H         |           |
| 8,0m H         |           |



Tire roller\*

| WORKING WIDTH  | NET PRICE |
|----------------|-----------|
| 2,1m ÷ 3,0m    |           |
| 3,5m/3,9m/4,0m |           |
| 4,0m H         |           |
| 4,5m/5,0m H    |           |
| 6,0m H         |           |
| 8,0m H         |           |

\*) the roller cannot be used to transport the machine, it is a roller designed only for cultivation.



ORION prismatic roller

| WORKING WIDTH  | NET PRICE |
|----------------|-----------|
| 2,1m ÷ 3,0m    |           |
| 3,5m/3,9m/4,0m |           |
| 4,0m H         |           |
| 4,5m/5,0m H    |           |
| 6,0m H         |           |
| 8,0m H         |           |

Packer cogged, Crosskill, angle bar, rubber rollers and roller of steel rings are as standard equipped with cleaning beams.



**Important!**  
In U 652 and U 436 machines in a mounted configuration with a heavy tillage roller, e.g. rubber, or from steel rings, it is necessary to apply the front additional weight of the tractor of 1200 kg or more.

Rubber roller Ø 700 mm



U-ring tandem roller Ø 540 mm



Prismatic roller ORION Ø 500 mm



Spring roller Ø 550 mm  
+ mulching roller Ø 500 mm



U-ring roller Ø 540 mm



Tyre roller Ø 600 mm



Steel ring roller Ø 600 mm



Double cogged string roller Ø 320 mm



Double Crosskill roller Ø 400 mm  
+ Finisher string roller Ø 270 mm



Spiky roller Ø 560 mm

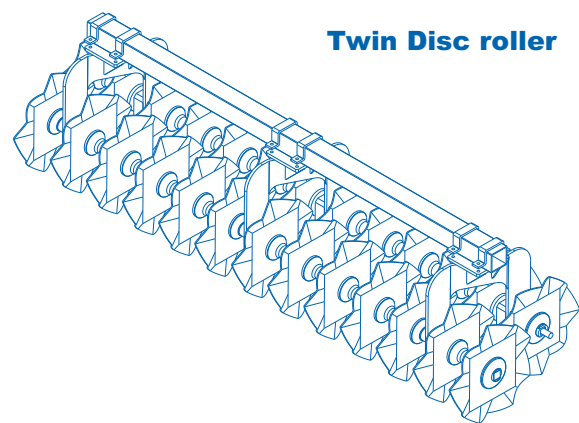




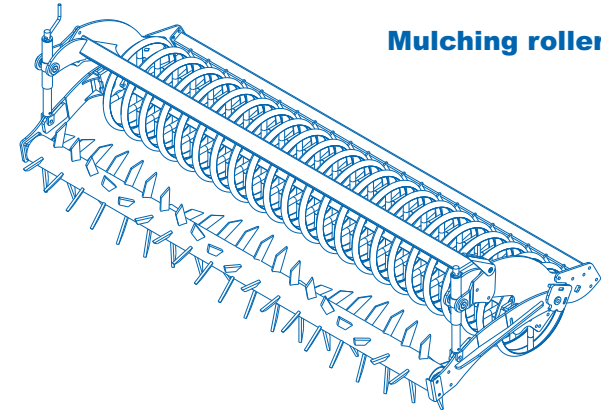


## Rear rollers for tillage machines

(extra charge to the machine for the roller other than the pipe roller)



Twin Disc roller



Mulching roller

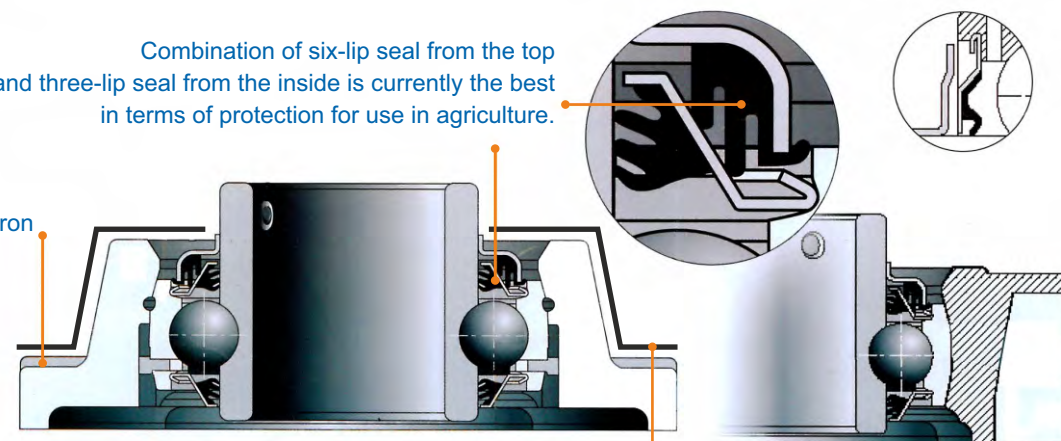


## Bearing units for tillage rollers

(standard operating or maintenance-free optional roller bearings)

Housing made of spheroidal cast iron has four times greater strength than one made of gray cast iron.

Combination of six-lip seal from the top and three-lip seal from the inside is currently the best in terms of protection for use in agriculture.



Additional metal cover.

As standard Rolmako tillage machines are equipped with roller hubs requiring completing grease, the producer may use maintenance-free bearings.

The high-quality operating bearing unit of the roller is subject to maintenance, no lubrication is required for the first year of operation.

Standard operating bearing unit



Optional maintenance-free bearing unit



A maintenance-free bearing unit has been designed to work in the most difficult conditions. The unique safety system, a spheroidal cast iron housing with an additional metal cover provides reliable mechanical protection. The unique safety system makes it the best solution for modern agricultural machines.



## Bearing units for tillage rollers

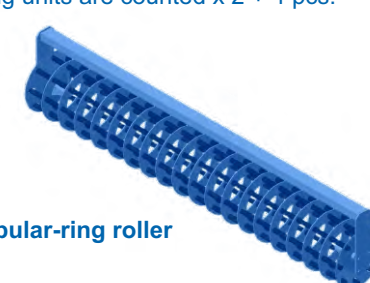
(standard operating or maintenance-free optional roller bearings)



### Number of bearing units in cultivation machines

| U 659                              |                     | U 684                      |                     | U 684 PRO                  |                     | U 622                     |                     | U 693                                              |                     | U 645                                 |                     |
|------------------------------------|---------------------|----------------------------|---------------------|----------------------------|---------------------|---------------------------|---------------------|----------------------------------------------------|---------------------|---------------------------------------|---------------------|
| seedbed cultivator                 |                     | compact tillage cultivator |                     | compact tillage cultivator |                     | lekka brona talerzowa     |                     | disc harrow                                        |                     | disc harrow for vineyards and gardens |                     |
| working width                      | bearing unit (pcs.) | working width              | bearing unit (pcs.) | working width              | bearing unit (pcs.) | working width             | bearing unit (pcs.) | working width                                      | bearing unit (pcs.) | working width                         | bearing unit (pcs.) |
| 2,5 m                              | 4                   | 2,5 m                      | 4                   | 2,5 m                      | 6                   | 2,7 m                     | 2                   | 2,7 m                                              | 2                   | 1,25 m                                | 2                   |
| 2,7 m                              | 4                   | 3,0 m                      | 4                   | 3,0 m                      | 6                   | 3,0 m                     | 2                   | 3,0 m                                              | 2                   | 1,5 m                                 | 2                   |
| 3,0 m                              | 4                   | 4,0 m                      | 8                   | 4,0 m                      | 12                  | 4,0 m                     | 4                   | 3,5 m                                              | 4                   | 1,75 m                                | 2                   |
| 4,0 m                              | 8                   | 4,0 m H                    | 8                   | 4,0 m H                    | 12                  |                           |                     | 4,0 m                                              | 4                   | 2,0 m                                 | 2                   |
|                                    |                     | 4,5 m H                    | 8                   | 4,5 m H                    | 12                  |                           |                     | 4,0 m H                                            | 6                   |                                       |                     |
|                                    |                     | 5,0 m H                    | 12                  | 5,0 m H                    | 18                  |                           |                     | 4,5 m H                                            | 6                   |                                       |                     |
|                                    |                     | 6,0 m H                    | 12                  | 6,0 m H                    | 18                  |                           |                     | 5,0 m H                                            | 6                   |                                       |                     |
|                                    |                     |                            |                     |                            |                     |                           |                     | 6,0 m H                                            | 6                   |                                       |                     |
| U 652                              |                     | U 671                      |                     | U 671 PRO                  |                     | U 497                     |                     | U 453                                              |                     | U 436                                 |                     |
| disc harrow                        |                     | heavy stubble harrow       |                     | heavy stubble harrow       |                     | universal crop cultivator |                     | stubble cultivator                                 |                     | multifunctional tillage cultivator    |                     |
| working width                      | bearing unit (pcs.) | working width              | bearing unit (pcs.) | working width              | bearing unit (pcs.) | working width             | bearing unit (pcs.) | working width                                      | bearing unit (pcs.) | working width                         | bearing unit (pcs.) |
| 3,0 m                              | 2                   | 3,0 m                      | 2                   | 4,0 m HP                   | 6                   | 3,0 m                     | 2                   | 2,1 m                                              | 2                   | 2,6 m                                 | 2                   |
| 3,5 m                              | 4                   | 3,5 m                      | 4                   | 4,5 m HP                   | 6                   | 3,5 m                     | 4                   | 2,6 m                                              | 2                   | 3,0 m                                 | 2                   |
| 4,0 m                              | 4                   | 4,0 m                      | 4                   | 5,0 m HP                   | 6                   | 4,0 m                     | 4                   | 3,0 m                                              | 2                   | 3,5 m                                 | 4                   |
| 4,0 m H                            | 4                   | 4,0 m HP                   | 4                   | 6,0 m HP                   | 6                   | 4,0 m H                   | 4                   | 3,9 m                                              | 4                   | 4,0 m                                 | 4                   |
| 4,5 m H                            | 4                   | 4,5 m HP                   | 4                   |                            |                     | 4,5 m H                   | 4                   | 4,0 m H                                            | 6                   | 4,0 m H                               | 4                   |
| 5,0 m HP                           | 6*                  | 5,0 m HP                   | 4                   |                            |                     | 5,0 m H                   | 4                   | 4,5 m H                                            | 6                   | 4,5 m H                               | 4                   |
| 6,0 m HP                           | 6*                  | 6,0 m HP                   | 4                   |                            |                     | 6,0 m H                   | 4                   |                                                    |                     | 5,0 m HP                              | 6                   |
|                                    |                     |                            |                     |                            |                     |                           |                     |                                                    |                     | 6,0 m HP                              | 6                   |
| U 436 PRO                          |                     | U 602                      |                     | U 619                      |                     | U 638                     |                     | Rollers for field leveling and soil lumps breaking |                     | tandem rollers*                       |                     |
| multifunctional tillage cultivator |                     | subsoiler                  |                     | subsoiler                  |                     | subsoiler                 |                     |                                                    |                     | bearing unit x2                       |                     |
| working width                      | bearing unit (pcs.) | working width              | bearing unit (pcs.) | working width              | bearing unit (pcs.) | working width             | bearing unit (pcs.) | working width                                      | bearing unit (pcs.) |                                       |                     |
| 4,0 m H                            | 6                   | 1,6 m                      | 2                   | 3,0 m                      | 2                   | 2,5 m                     | 2                   | 5,0 m                                              | 6                   |                                       |                     |
| 4,5 m H                            | 6                   | 3,0 m                      | 2                   | 4,0 m                      | 4                   | 3,0 m                     | 2                   | 6,2 m                                              | 6                   |                                       |                     |
|                                    |                     | 3,8 m                      | 4                   |                            |                     | 4,0 m                     | 4                   | 7,5 m                                              | 10                  |                                       |                     |
|                                    |                     |                            |                     |                            |                     | 4,0 m H                   | 4                   | 9,0 m H                                            | 10                  |                                       |                     |
|                                    |                     |                            |                     |                            |                     | 4,5 m H                   | 4                   | 9,4 m H                                            | 10                  |                                       |                     |
|                                    |                     |                            |                     |                            |                     | 5,0 m HP                  | 6                   |                                                    |                     |                                       |                     |
|                                    |                     |                            |                     |                            |                     | 6,0 m HP                  | 6                   |                                                    |                     |                                       |                     |

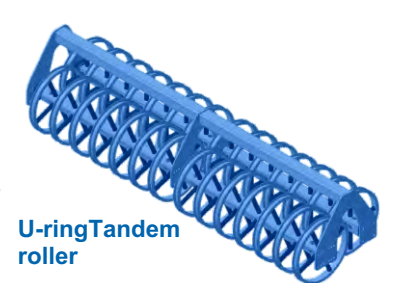
\*) U-ring tandem roller for machines U 453 3,0/4,0 H/4,5H, U 693 3,0, U 652 3,0/4,0 HP/4,5 HP/5,0HP/6,0HP, U 671 3,0, U 671 PRO 4,0 HP/4,5 HP/5,0 HP/6,0HP, U 436 3,0/4,0 H PRO/4,5 H PRO/5,0 HP/6,0 HP bearing units are counted x 2 + 4 pcs.



tubular-ring roller



pipe roller plus string roller



U-ring Tandem roller

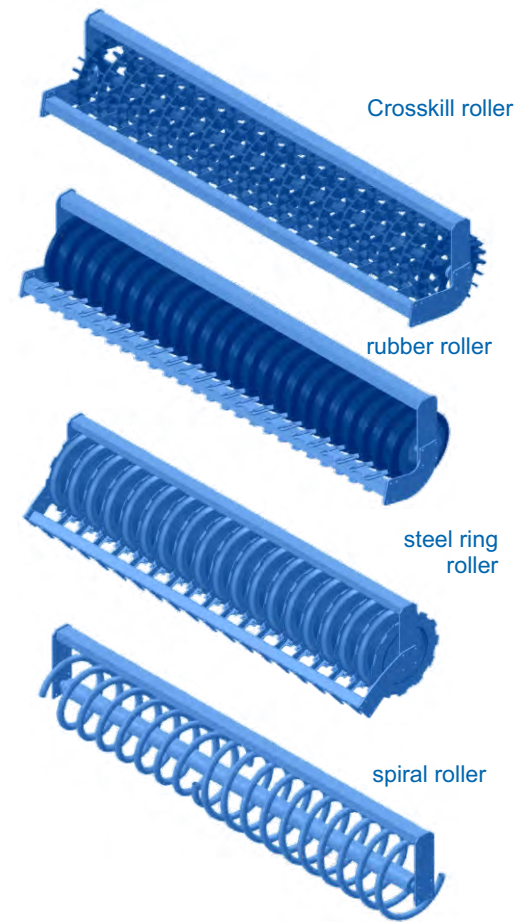
Maintenance-free roller bearing units are not available for the tire roller, Twin Disc roller and Campbell roller.



# Rear rollers in cultivation machines

(technical data, make-to-order)

| kg | Specifications                 |                      |                       |
|----|--------------------------------|----------------------|-----------------------|
|    | <b>Roller weight (1m wide)</b> | <b>DIAMETER (mm)</b> | <b>WEIGHT*(1m/kg)</b> |
|    | string roller with flat bars   | 460                  | 65                    |
|    | string roller with cogged bars | 460                  | 60                    |
|    | string pipe roller             | 500                  | 75                    |
|    | string pipe roller             | 600                  | 95                    |
|    | Packer cogged roller           | 460                  | 125                   |
|    | Packer cogged roller           | 550                  | 150                   |
|    | Packer cogged roller           | 650                  | 180                   |
|    | tubular-ring roller            | 450                  | 95                    |
|    | Crosskill roller               | 400                  | 170                   |
|    | Crosskill roller               | 500                  | 185                   |
|    | ring roller (V-ring)           | 500                  | 100                   |
|    | ring roller (V-ring)           | 600                  | 120                   |
|    | spring roller                  | 470                  | 90                    |
|    | spring roller                  | 550                  | 100                   |
|    | rubber roller                  | 500                  | 180                   |
|    | rubber roller                  | 700                  | 275                   |
|    | steel ring roller              | 600                  | 190                   |
|    | spiral roller                  | 455                  | 80                    |
|    | Twin Disc roller               | 470                  | 200                   |
|    | tyre roller                    | 600                  | 210                   |
|    | T-ring roller                  | 500                  | 110                   |
|    | T-ring roller                  | 600                  | 130                   |
|    | U-ring roller                  | 540                  | 135                   |
|    | pipe roller plus string roller | 400                  | 150                   |
|    | Tandem pipe roller             | 400                  | 160                   |
|    | U-ring Tandem roller           | 540                  | 195                   |



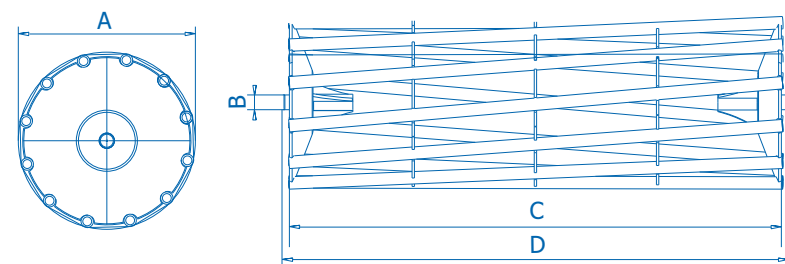
**How to determine the weight of a cultivation machine with a different roller than a standard pipe one?**  
\*) machine weights in technical parameters are given in the configuration with standard equipment.  
The basic roller is a pipe roller Ø 500 mm.

Calculation formula for the weight of the rear roller for the cultivation machine:  
**(weight of the selected roller x machine width) minus (pipe roller x machine width)**

Example weight for the U 693 machine in standard equipment with a width of 6.0 m with a rubber roller  
**(180 kg x 6.0 m) minus (75 kg x 6.0 m) = 1080 kg minus 450 kg = 630 kg**  
Summary: 630 kg should be added to the weight of the machine in standard equipment. For the U 693 mounted machine, a weight of 3,200 kg (with a pipe roller) is given in the technical parameters. 630 kg plus 3200 kg = 3830 kg\*  
approximate weight of the U 693 machine with a rubber roller in standard equipment.

\*) weight of the cultivating machine can significantly increase when selecting optional equipment.  
In this publication, all given weights for agricultural machinery and equipment are illustrative and do not constitute an offer within the meaning of the law. We reserve the right to change technical parameters. We are not responsible for errors.

# Rollers made to order



The tables show the width of rollers for standard Rolmako machines, the company specializes in making rollers to special order according to the customer's guidelines.

We execute orders for large series of rollers as well as individual orders.

The figure shows the basic dimensions needed to order the roller.

# Combine header trailers



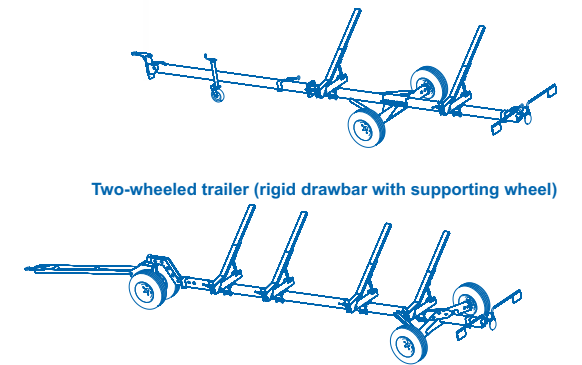
|                                                               | NET PRICE |
|---------------------------------------------------------------|-----------|
| Prices for the machines with standard equipment               |           |
| Two-wheeled trailer (rigid drawbar with supporting wheel)     |           |
| Four-wheeled trailer (turning drawbar with adjustable height) |           |
| Four-wheeled trailer (new design equipped with a turntable)   |           |

|                                                                                    | NET PRICE |
|------------------------------------------------------------------------------------|-----------|
| Optional equipment (surcharge to the price of the machine with standard equipment) |           |
| Additional support for the header (price for 2 pcs)                                |           |

| kg | Specifications                                             | WEIGHT (kg ) |
|----|------------------------------------------------------------|--------------|
|    | Two-wheeled trailer for the Claas Mega combine             | 772          |
|    | Two-wheeled trailer for the Claas Tucano combine           | 780          |
|    | Two-wheeled trailer for the John Deere 300 series combine  | 785          |
|    | Four-wheeled trailer for the John Deere 600 series combine | 945          |
|    | Four-wheeled trailer for the New Holland combine           | 960          |



New design equipped with a turntable



Four-wheeled trailer (turning drawbar, additional supports for header)



| WORKING WIDTH | WEIGHT (kg ) | NET PRICE |
|---------------|--------------|-----------|
| 3,0 m         | 740          |           |
| 3,3 m         | 800          |           |

|                                                                                                       | NET PRICE |
|-------------------------------------------------------------------------------------------------------|-----------|
| Optional equipment (surcharge to the price of the machine with standard equipment, the price per set) |           |
| Regulating stepless bolt for work height adjustment with runner of Hardox 20mm                        |           |
| Regulating stepless bolt for work height adjustment with turning wheel Ø 250mm                        |           |
| Regulating stepless bolt for work height adjustment with Küper runner                                 |           |
| Plough share of Hardox steel 20mm                                                                     |           |













**Rolmako**

**Special trailers for transporting of the combine header**  
Simple laying of the header on supports / good drive performance, header is stable while driving

The springs supporting the drawbar and the Roman screw allow to adjust the position of the hitch eye so the operator of the combine, or the tractor can easily couple the trailer to the header Housert.

When wheel base of the trailer was three or 10, 8/75/15,2 PPT Wits are used.

In the picture trailer for the JD 55 m header the supports are designed to a Spallico model of combine. The connection system protects the header against fall.

Each header trailer is equipped with lighting consisting of a complex lamps and reflections set which is designed for large-size vehicles.

**Header trailer and the rapeseed extension properly fitted to your model of combine harvester** more on [www.rolmako.com](http://www.rolmako.com)



[www.katalog.rolmako.pl](http://www.katalog.rolmako.pl)  
[www.katalog.rolmako.com](http://www.katalog.rolmako.com)  
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[www.katalog.rolmako.ru](http://www.katalog.rolmako.ru)

**PRICE LIST 2014**

**Rear rollers for tillage machinery**

**Standard equipment**  
Rolmako tillage machinery as a standard are equipped with a rear string roller. Pipe roller Ø 450mm is mounted on seedbed cultivators, in other machines the basic roller is the tubular roller of Ø 500mm. All rollers above 3m width are divided into two parts. Rollers of hydraulically folding machines consist of three parts, which positively affects the stability of the machine during its operation, optimizes the life of the bearing assemblies and provides a better distribution of the machine's weight - important in case of very heavy rollers.

**Standard equipment: Pipe roller\***  
 \* does not require additional payment  
 \*) reinforced roller made of pipe Ø 42 x 6,3, surcharge 300 zł/m.  
 \*\*) roller available for heavy disc harrow, page number 9 in the price list.

**Optional equipment:**  
 String roller with flat bars  
 - does not require extra charges

**The use of rollers in tillage machines**

|                                 | U 880 | U 804 | U 403 | U 022 | U 003 | U 071 | U 045 | U 024 | U 002 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| string roller with flat bars    | •     | •     | •     | •     | •     | •     | •     | •     | •     |
| string roller with coagled bars | •     | •     | •     | •     | •     | •     | •     | •     | •     |
| string pipe roller              | •     | •     | •     | •     | •     | •     | •     | •     | •     |
| Packer coagled roller           | •     | •     | •     | •     | •     | •     | •     | •     | •     |
| tubular ring roller             | •     | •     | •     | •     | •     | •     | •     | •     | •     |
| Crossed roller                  | •     | •     | •     | •     | •     | •     | •     | •     | •     |
| ring roller                     | •     | •     | •     | •     | •     | •     | •     | •     | •     |
| spring roller                   | •     | •     | •     | •     | •     | •     | •     | •     | •     |
| rubber roller                   | •     | •     | •     | •     | •     | •     | •     | •     | •     |
| OFAS steel ring roller          | •     | •     | •     | •     | •     | •     | •     | •     | •     |
| spiral roller                   | •     | •     | •     | •     | •     | •     | •     | •     | •     |
| Twin Disc roller                | •     | •     | •     | •     | •     | •     | •     | •     | •     |
| type roller                     | •     | •     | •     | •     | •     | •     | •     | •     | •     |

**Specifications**  
 Roller weight (1m wide) | DIAMETER (mm) | WEIGHT (1m/kg)  
 string roller with flat bars | 480 | 65  
 string roller with coagled bars | 480 | 60  
 string pipe roller | 500 | 70  
 string roller | 600 | 90  
 Packer coagled roller | 480 | 125  
 Packer coagled roller | 550 | 150  
 Packer coagled roller | 600 | 160  
 tubular ring roller | 450 | 55  
 Crossed roller | 450 | 170  
 Crossed roller | 500 | 185  
 ring roller | 500 | 100  
 ring roller | 600 | 120  
 spring roller | 475 | 80  
 spring roller | 550 | 100  
 rubber roller | 500 | 180  
 rubber roller | 700 | 275  
 OFAS steel ring roller | 500 | 160  
 spiral roller | 455 | 80  
 Twin Disc roller | 475 | 200  
 type roller | 600/70 | 210

**Tillage rollers for special purpose**

**String roller**

**Twin Disc roller**

**PRICE LIST 2014**

**Rollers to tillage machinery**  
(extra charge to the machine for the roller other than the pipe roller)

**Spring roller**

| WORKING WIDTH  | NET PRICE | NET PRICE |
|----------------|-----------|-----------|
| 2,1m x 3,0m    | 1890,00   |           |
| 3,5m/3,9m/4,0m | 2340,00   | 2700,00   |
| 4,0m H         | 2580,00   | 2920,00   |
| 4,5m/5,0m H    | 3030,00   | 3540,00   |
| 6,0m H         | 3620,00   | 4150,00   |

**Rubber roller**

| WORKING WIDTH  | NET PRICE |
|----------------|-----------|
| 2,1m x 3,0m    | 3360,00   |
| 3,5m/3,9m/4,0m | 4700,00   |
| 4,0m H         | 4820,00   |
| 4,5m/5,0m H    | 6000,00   |
| 6,0m H         | 7160,00   |

**Spiral roller\* (Made in Germany)**

| WORKING WIDTH    | NET PRICE |
|------------------|-----------|
| 2,1m x 3,0m      | 3800,00   |
| 3,5m             | 4900,00   |
| 3,9m/4,0m/4,0m H | 5480,00   |
| 4,5m H           | 5830,00   |
| 6,0m H           | 6940,00   |
| 6,0m H           | 7160,00   |

**OFAS steel ring roller 48-52 HRC**

| WORKING WIDTH | NET PRICE |
|---------------|-----------|
| 2,1m x 3,0m   | 4510,00   |
| 3,5m          | 5370,00   |
| 4,0m          | 6230,00   |
| 4,0m H        | 6450,00   |
| 4,5m/5,0m H   | 7360,00   |
| 6,0m H        | 9400,00   |

\* spiral roller for hydraulic folding machines is divided into two parts, the other rollers in the offer are always three parts.

Packer coagled roller, Crossed roller, angle bar, rubber, roller of steel rings are supplied with bearing beams as a standard.

