

**Heavy stubble harrow - U 67I**

Heavy stubble harrow is well suitable for the cultivation of stubble and effectively replaces the ploughing. During stubble cultivation, heavy frame ensures proper weight put on each disc. Thanks to the perfectly vaulted disc and appropriate set of disc's attack angle, it is enough to have only one side of the machine to get the soil ploughed correctly.



**Discs 620mm x 6mm**

For maximum strength and durability the discs of large diameter 620mm and thickness of 6mm are made with special heat-treatment. Large size of the disc means more material to use, that reduces the costs of the machine servicing. Vitality of the discs is predicted to a few thousand hectares. The large distance between the rows of discs 105cm guarantees non-blocking operation also in the field of high stubble and plant residues. Set of the angle of the disc is the same for both rows.



**The rubber shock absorber 50mm x 210mm**

Thanks to the applying of maintenance-free rubber overload protection unit, discs are effectively protected from harm on stony ground. This type of shock-absorption enables an individual fitting of the discs to the irregularity of the ground, as well as to maintain a permanent working depth. Applying the rubber roller of a large diameter significantly increases the depreciation road of the disc and works well in the most extreme conditions.

**Disc harrow for special tasks, massive with a large space between the discs, is able to handle whenever the soil dries quickly and it is extremely hard, and when the classic tools do not perform well**



**The open frame design ensures a lot of space for tools, the combs control the process of putting the soil back and its grinding**



In front of the steel ring roller Ø600mm a finger comb is installed



**On the depth of 5cm to 10cm, the stubble harrow provides optimal conditions for full-surface tilling**

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The high rigidity of the main frame contributes to a long-life use



The use of high-quality materials and oversized key components effects the extension of durability of the machine



Disc harrow 6.0m equipped with a hardened steel rings roller, supporting wheels, finger comb between the disks and in front of the roller

**A heavy stubble harrow is a high quality project, which has been tested in the toughest soil conditions. The machine's frame, operating elements, the transport system and hydraulic system has proved it's reliability during the long tilling tests.**



Harrow's arms are folded by 4 massive hydraulic cylinders. Two of them are protected against unwanted fall-down by the hydraulic locks.



The arms blocking system is controlled by the hydraulic cylinder, which ensures safety during transportation.



**Massive transport trailer of the machine is constructed of thick-walled profiles of I20xI20xI0mm section. Pneumatic brakes and 520/50-17 wheels are standard-equipped in each hydraulic folding machine.**

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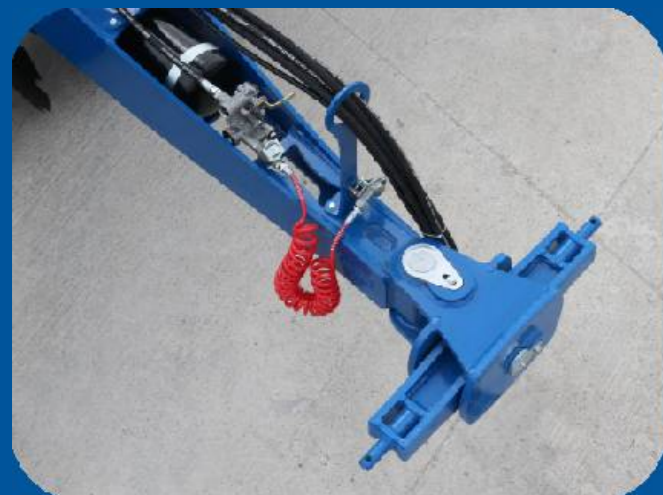
**Very heavy weight of the harrow provides unique penetration of a soil, even on hard and dry ground**



The supporting wheels are mounted on trailed harrow as an option. It affects positively the quality of a crop, as a stabilizing element in the course of machine operation.



**The experience of our staff gained over the years of the production of disc harrows affected the appearance of design with a larger disc diameter, maximum aggressive angle of attack and a new bigger shock absorbers**



The shape of a drawbar (high mounted on the machine) facilitates the entry of machine into the cultivated soil. The drawbar is available in two versions of length. Tractors equipped with a double wheels usually work with longer drawbar.



**U 671 disc harrow tillage after maize harvest**

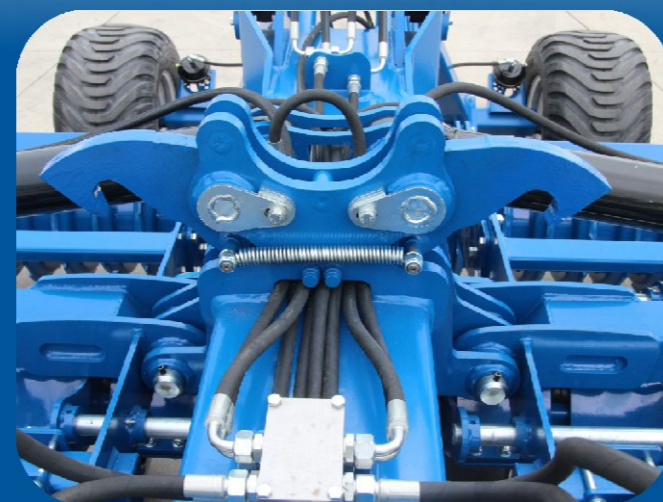


Heavy stubble harrow - version equipped with a tyre roller 600 mm.

# 4,0 m trailed heavy stubble harrow



**An important feature of U-671 heavy stubble harrow very high pressure on the cultivated soil per one operating element - as a result the machine can easily penetrate the ground even in very difficult conditions**



**U-671 is used for soil cultivation without plowing - less used tractor power means saving fuel - the machine is irreplaceable in the cultivation of fallow land**

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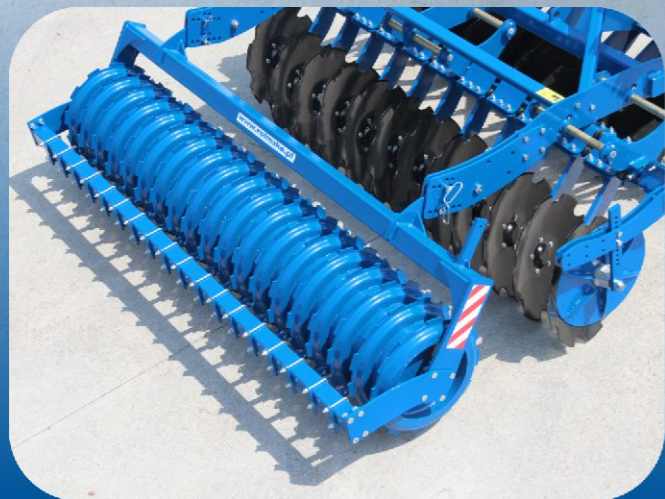
**Heavy weight  
8000 kg**



**A heavy weight of the machine is used during tillage operations, a disc harrow easily gets into the ground in all conditions**

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**Heavy stubble harrow is manufactured for farmers who are looking for massive and very durable agricultural machinery**



**U 671 from Rolmako is the most powerful disc harrow equipped with top-quality OFAS 620x6mm discs**





The large distance between the discs working parts and a high clearance under the frame of the machine is an important feature that let us achieving good results on the stubble after the corn and other difficult crops.



The heavy stubble harrow is equipped with adjustable rear beam. The system allows for moving the back discs relatively to the front discs, that gives us the optimal adjustment of the working section at each stage of the disc's wear.



**The disc harrow of 3.0m with 500mm rubber roller weighs 2450kg, the high pressure of the plates to the ground causes that the machine goes into the soil easily**





**U 671 disc harrow is a choice with a very long life without spare parts replacing designed for the exacting Customers**



**U 671 machine ensures undercut and crop-residues mixing effect in a one single operation which is unachievable for competitors even after the operation performed twice. Hard work on the stubble after grain maize harvest and fallow land tillage has never been so accurate and effective.**



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**The Rolmako disc harrow operates easily, despite the heavy soils**



**Standard pneumatic or optional hydraulic braking system**



**Looking at the left-side photo: in the first shot you can see the optional front support wheels; in the second - handbrake (installed in machines supplied on certain markets); in the third - the roller made of steel rings (the heaviest one) in combination with a finger comb; in the fourth - the pneumatic brake.**

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Disc hub (SKF Sweden)

Users of Rolmako disc harrows do not have to worry about the durability of the bearing units. High-end 7-lip seals in combination with double row SKF ball bearing is one of the strongest solutions available on the market.



Bidirectional hydraulic cylinder responsible for folding two discs of working section.



**Machines created with user safety in mind**

**For transportation, disc harrow with a width of 3 m is equipped with hydraulic folding of two extreme discs allowing the machine to keep the transport width not exceeding 3.0 m**



**Completely equipped**



**Safe for user**



**Massive construction**



**Polish agricultural machinery based on a high-quality components**

**U 671 is a series of disc harrows designed to use with a high-power tractors**

**Large disc with a diameter of 620mm means more material to use, it makes the working time of the stubble harrow longer and in combination with a maintenance-free rubber protection and maintenance-free hub, reduces service costs**



**Finger comb (optional)**

The tool is placed between the two rows of the disc sections, has an adjustable height of work and a pitch. That makes it possible to control the flow of soils with mixed organic residues and to improve the distribution of post-harvest straw residue on the entire surface of the field. The comb can be additionally mounted between the rear beam with discs and the tillage roller, thereby can control the flow of cultivation mass onto the tillage roller.

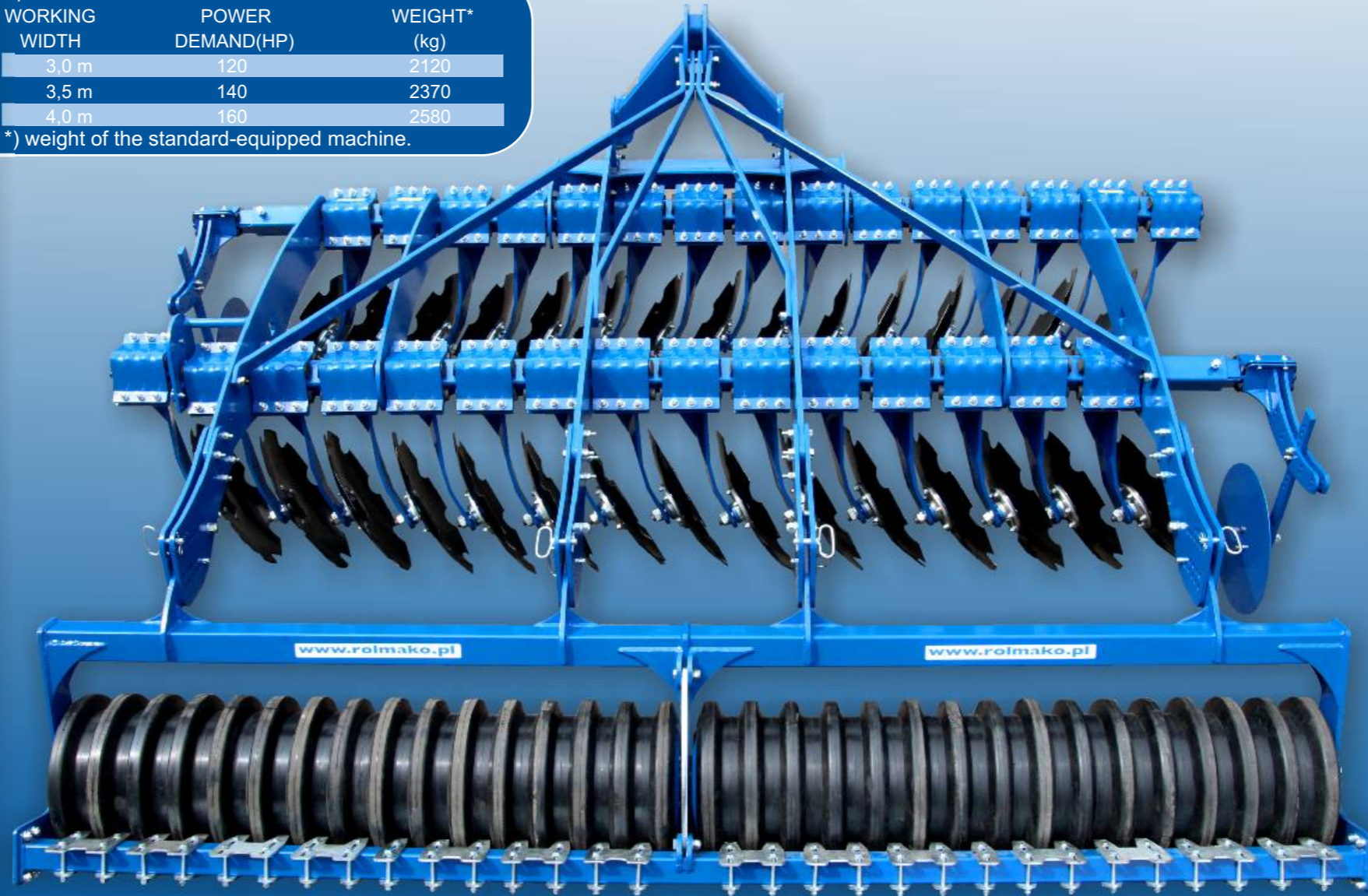


The leg of the disc is prevented from shifting on the frame by three pressings on the bracket of the shock absorber

Specifications

WORKING WIDTH	POWER DEMAND(HP)	WEIGHT* (kg)
3,0 m	120	2120
3,5 m	140	2370
4,0 m	160	2580

\*) weight of the standard-equipped machine.



**Advantages**

- discs 620mm x 6mm
- rubber shock-absorber 50mm x 210mm
- maintenance-free disc hubs
- spacing between discs' rows 105cm
- large diameter of tilling rollers.



Maintenance free steel hub of the disc, F&T or SKF bearings at the option.

**The hub of a disc**

Solid leg of the disc is equipped with a maintenance-free hub with a durable tapered ball bearing mounted on a hardened axle, making it capable of carrying very heavy loads. Bearing does not need maintenance (no lubrication points), perfectly sealed and protected from potential contamination. Standard double-lip seal has been replaced by the cassette seal.

**The working depth adjustment**

In the heavy stubble harrow a simple mechanical depth adjustment is used, the setting of this parameter is done without use of any tools.



Large space between the roller and the discs, allows for installation of large diameter rollers



As a standard the heavy disc harrow is equipped with a hitching beam



**The heavy disc harrow will manage with any stubble**

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**All the Rolmako disc harrows combine durability and exceptional performance with a low operating costs**



**Cultivation on the maize stubble field...**



**... the field after one operation by the harrow U 671**



**All the machines are designed and manufactured by Rolmako under the strict quality and testing control, which ensures that a farmer gets the most elaborated product**

*The version of a machine with an extended drawbar allows you to work with tractors equipped with a double wheels*

**The most important objective in the design of U-671 disc harrow was to obtain the angle of a disc attack ensuring the maximum cover of an aftercrop residues. Numerous tests have shown that the design met the task for 100%.**



Roller Ø 600 is made of strong thick-walled tube. The roller consists of 12 strings.



Adjustable rear beam with discs - changing the rear beam towards the front one is quick and easy to use.



**Technical parameters**

Working width (m)	5,0 m H	6,0 m H
Power requirement (hp)	200	240
Number of discs (pcs)	40	48
Weight (kg)*	5940	6600
Diameter of discs (mm)	620	
Working speed (km/h)	7-15	

\*) weight of the standard-equipped machine.

The figures speak for themselves: 6m operating width, main frame made of 300mm x 300mm x 12mm section profile, weight of the standard-equipped machine is more than 6000kg, 48 discs of 620mm x 6mm...

.... with a very aggressive angle of attack, 1050mm spacing between the discs, large diameters of the rear rollers, productivity of cultivation is over 8 ha/h

