

ELHO Mulchers



Distributed by: J. S. Woodhouse Co., Inc.
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If you are looking for an effective and durable machine, ELHO SideChopper is the right choice

ELHO has got a long experience in manufacturing mulchers.

SideChopper Pro Series with horizontal rotors is designed for heavy professional use. Side Chopper Tornado chain mulcher is the perfect choice especially for rocky areas and sites where the length of the chopped thicket is not an essential factor.

ELHO SideChopper Pro models have excellent working range, up to 4.2 - 4.6 metres from tractor centre line. This allows sufficient clearance to the soft edge of the ditch in order to avoid dangerous situations. Adjustable supporting roll makes use of the machine easier. These mulchers have fabric reinforced splinter protection both front and back.

ELHO Side Chopper Pro mulchers are now even more stable and powerful than before. All SideChopper models have now a very strong and powerful cutting head that has been successfully used in TPM contracting machinery. The new cutting head is more robust, more powerful and wider than before. It has an upgraded rotor with dual in-line roller bearings and interchangeable axles.

ELHO Side Chopper is a safe choice. All ELHO SideChopper mulchers have been splinter tested according to the EU safety standards.



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ELHO SideChopper 420Pro / 460Pro

For efficient professional thicket cutting, road side clearing, field cutting, forest road shredding.

ELHO Side Chopper is very reliable and durable machine making it an excellent choice for professional use. Its range is up to 4.2 - 4.6 metres from the tractor centre line. The cutting head has a working angle of 45 degrees down and 90 degrees up. SideChopper Pro is designed to cope with the harsh conditions of Finland. It can remove even the toughest willow thickets. Durable 1.3 kg hammer knives with 20 mm bolts come as a standard. Also available the optional, very heavyduty YI- knife series for grass, fallow land and thicket cutting.

Technical specifications:

- Working width 210 / 240 cm
- Maximum range (from the tractor centre line) 420 / 460 cm
- Hydraulic side shift 180 / 180 cm
- Cutting head tilts upwards 90 degrees
- Cutting head tilts downwards 45 degrees
- Hammer knives (standard) 20 / 24 pcs
- Diameter of the rotor 50/50 cm
- Rotor speed 2200/2200 rpm
- Fixed counter blade standard
- Adjustable supporting roll standard
- Front and back protectors
- Hydraulic connection 1 dual-action and 1 single action
- Weight 890/1050 kg



Transport position with double locking.



Even the thicker small trees present no problem to SideChopper. There are two knife alternatives. The 1.3 kg high-quality hammer knives come as standard. YI knives are optional accessories that are suitable for grass fallow land and thicket cutting.

Power transmission with articulated shaft and four V-belts to the bevel gear. The strong tightening mechanism that is easy to check and adjust from the outside together with high-power belts guarantee uninterrupted work.



In 420Pro, the anti-shock device has a shear bolt, and in 460Pro a hydraulic release mechanism. In the hydraulic anti-shock release, the removing oil is directed via pressure valve to the lifting cylinder which allows the machine to avoid the obstruction upwards and back. The cutting head returns to the working position by force of gravity after it has cleared the object. Hydraulic anti-shock device available as an optional accessory for 420 Pro.



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SideChopper TPM520 Pro reaches over fences of different heights, often even to the slope on the opposite side.



The wear runners made of 16 mm Hardox guarantee a long service life.



ELHO SideChopper TPM520 Pro

Mulcher for ultimate professionals.

ELHO Side Chopper TPM520 Pro is designed for full-time contracting work. It is the perfect choice for contractors, councils, road maintenance bodies and other demanding users. The range and working width of the machine are sufficient even for the toughest locations. The cutting head can cope with strong thicket and bushy grass. The cutting head can work behind fences and snow-ploughing marks, shreds from high up - even up to 6 metres - and reaches deep down to the water level in deep and wide ditches. Its range is up to 5.2 metres from the tractor centre line. Shredding width is 2.1 metres.

The Power Transmission of SideChopper TPM 520 Pro is fully mechanical through high-power V-belts all the way to the rotor. The cutting head can be utilized in all positions and angles, even vertically over the cabin. Stepless hydraulic adjustment both in lateral and vertical directions. The PTO shaft has a freewheel.

Technical specifications:

- Working width 210 cm
- Max. range (from the tractor centre line) 520 cm
- Cutting head tilts upwards 180 degrees
- Cutting head tilts downwards 90 degrees
- Number of knives 20 pcs (1.3 kg hammer knives as standard)
- Diameter of the rotor 50 cm
- Rotor speed 2000 rpm
- Fixed counter blade as a standard
- Adjustable supporting roll as a standard
- Weight 2400 kg
- Hydraulic connection dual-function 4 pcs + 1 pc free return

All SideChoppers Pro may be supplied with optional supporting wheels instead of a supporting roll. These are especially convenient when driving on highway slopes, which are wide and even.



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ELHO SideChopper Tornado 440

**Professional chain mulcher for forest roads
and field edges.**

ELHO has got a long experience in manufacturing mulchers. SideChoppers have been the ideal choice for demanding farmers and contractors for many years.

Now Elho extends its range of mulchers by these chain mulchers. They are especially suitable for areas with stony soil and in locations where the length of the chopped thicket is not an essential factor.

Tornado 440 has a side shift up to 1.8 metres. Its frame construction is similar to the one in the Side Chopper Pro Series. The robust and durable construction gives the machine a range of up to 4.4 metres.

The chains are tempered and have a material thickness of 13 mm. The 1.6 metres wide cutting head cuts exceptionally well. The smooth cutting head is constructed with articulated shafts and robust angle transmission. It has a solid construction which stays clean easily. The primary PTO shaft has a friction clutch for overload protection. Due to the long frame construction, the driver maintains a good view from the tractor.

Technical specifications:

- Working width 160 cm
 - Max. range (from the tractor centre line) 440 cm
 - Hydraulic side shift 180 cm
 - 2 chains as a standard, tempered, link 13 mm
 - Cutting head tilt upwards 90 degrees, downwards 40 degrees
 - Release system shear bolt as a standard
 - Power transmission with a friction clutch
 - Front protection: chain curtain
 - Rear protection: fabric reinforced rubber
 - Weight ca. 800 kg
- Optional equipment:
- Hydraulic release mechanism



Tornado 440 has the same frame construction and large side shift as the traditional ELHO SideChoppers.

ELHO SideChopper Tornado 330

**Farm chain mulcher for field and forest roads
as well as for field edges.**

Tornado 330 is extremely agile chain mulcher for general use. It is easy to use: Cutting head boom is brought down and the machine is ready to work even in the toughest of conditions. Fixed boom with mechanical release gives 3.3 metres range from the centre line of the tractor.

A typical feature in the cutting head is modern axle drive that gives great freedom to the cutting unit with small joint angles.

Tornado 330 can also be used with a lightweight tractor, because its own weight remains reasonable by using high tensile steel in the loadbearing constructions. Lightweight structure is especially favourable when clearing the edges of ditches, reducing the risk of landslide. Tornado 330 reaches deep down to the bottom of a big ditch, which makes it easy to keep the forest edges clean of pruning.

The 1.6 metres wide cutting head cuts exceptionally well.



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This combination has the maximum range of 7.5 metres, measured from the outside of the rear wheel.



The robust cutting head has an adjustable supporting roll that enables effective clearing.



ELHO SideChopper

MP210 Pro cutting head

An efficient rotor cutting head for beam loaders.

Using the ELHO SideChopper MP210 cutting head you can build an efficient combination from your own beam loader that guarantees neat results and long range. The cutting head has a robust and durable construction. Working width is 210 cm.

Supplied with cutting head, belt rollers and highquality belts. The hydraulic motor is not included in the delivery.

Technical specifications:

- Working width: 210 cm
- Hanged on the beam: in the middle
- Attachment on the beam loader: general attachment
- Hydraulic power transmission: without hydraulics
- Hydraulic motor: not included
- Number of knives: 20
- Type of knives: hammer knife 1.3 kg
- Weight ca. 560 kg

ELHO SideChopper

Tornado L cutting head

Tornado L is a cutting head with chains, suitable for beam loaders. Power transmission by a hydraulic motor, the durable cutting head is familiar from the other Tornado models.

Technical specifications:

- Working width 160 cm
- 2 chains as a standard, tempered, link 13 mm
- Power transmission: hydraulic motor as a standard
- Front protection: chain curtain
- Rear protection: fabric reinforced rubber mat
- Weight 350 kg

Tornado L cutting head has robust bearings and piston-type hydraulic motor. Oil requirement 120 litres/min.



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Durable work machines for agriculture and contracting

In 1968, the young farmer Arne Löfvik realised that in order to develop agriculture, there must be better machines and equipment. That moment saw the creation of ELHO's business idea that is still the same: manufacturing durable work machines for better quality forage production and environmental management.

ELHO's products include mower conditioners, bale wrappers, swathers, tedders, and feeding machines as well as machinery for environment maintenance.

Work machines have to be high-quality, durable and easy care for their users. Therefore ELHO's machines have several cutting-edge features that make them especially durable, guarantee good quality of work and are easy to use. Due to continuous product development the machines have been successful in international comparison tests. ELHO is known globally as a producer of highquality machines.

ELHO takes care of its customers and aims to build long and confidential co-operation relationships with customers and other co-partners. Spare part and after sales network is effective and customer feedback is listened to very carefully.

ELHO produces quality you can trust. Machines are manufactured with high-skilled workforce and high motivation for work. The manufacturing process is carefully controlled, all machines are tested and test-driven before coming out from the production line, and development work is conducted continuously. It is now wonder that ELHO machines are acquired already in the third generation. ELHO is always ahead!



Always ahead



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Oy El-Ho Ab

- Founded in 1968, still owned by the family who founded it
- Located in Pännäinen, 10 km from Pietarsaari in western Finland
- Ca. 90 employees
- Proportion of export ca. 60 %
- Manufactures ca. 1500 units/year
- Has its own manufacturing premises ca. 7200 m²



Sales:

K-MAATALOUS

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