



RCH-“HD” and “S” Series

PATENTED



STANDARD EQUIPMENT

Hardox 500 body with anti-torque frame, manually opening front cover, adjustable working height with the support feet, front and rear 15 mm protective rubbers, additional protective chains in the rear, shearbars, ready for connection of the mounting plate 315x100 and 315x300 mm, rotor of customer choice with 10, 13, 16 or 19 mm chains CL-10, user manual and spare parts catalog, CE certificate, safety signs on the body, without hydraulic motor, prepared for mounting hydraulic motor SAE-C 14T 12/24DP, paint RAL2004 + RAL9005 + RAL8016. Made in Latvia. Warranty period of 24 (twenty-four) months.

AVAILABLE RCH MODELS

RCH models are produced in the following versions: HD version with 12 mm and S-version with 6 mm body thickness. RCH are available with the working widths of 115, 135, 150, 175, 190, 210 and 230 cm. At the customer's order it is also possible to produce models with custom construction.

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CUTTING ATTACHMENT WITH HYDRAULIC DRIVE



CUTTING ATTACHMENT WITH HYDRAULIC DRIVE - RCH

RCH: Professional attachment for mowing with chains and blades. It is meant to mow grass, brunches and hi-density bushes. Design of the machine allows to make work quickly (up to 10km/h) and to work with trees up to 15cm diameter.

RCH is designed to work in territories with rough conditions like stumps, stones and other foreign objects. RCH is made from anti-wear material Hardox 500.

FLEXIBILITY: We are able to manufacture our products to virtually any manufacturer's manipulator, excavator and boom mower. When manufacturing the equipment, we always take into account the customer's technical parameters, such as: load capacity, hydraulic flow, pressure, control system, boom reach and other parameters. Providing us with the data, the client can be sure he will get one of the best technical solutions, which is suited to his equipment and the intended work.

QUALITY: Thanks to the fact that we use only the highest quality metal and components in RCH, the whole of our produced equipment has 24 months warranty.

RCH has all the necessary certification, risk assessments and tests, so we can say with confidence that our products are safe and will last for years.

EXPERIENCE: When designing this equipment, we took into account the wishes and preferences of the potential customers, the work experience with similar equipment, as well as the technical mistakes made by other manufacturers. Our equipment is designed to work in the conditions typical to our region – the sites of overgrown ditches, with various foreign bodies in ditches, rocks and so on.

YOUR BENEFITS AND WORK EFFICIENCY

Compared with the traditional mower heads with a horizontally positioned rotor (which are very sensitive to shocks, in the result of which they are often bent), the RCH rotor and axis are positioned vertically, eliminating actually as a result the possibility of being bent, and it is maximum safe at work on sites with severe working conditions. The working speed, including the mowing of small bushes, can be up to 10 km/h, which is not possible with a horizontal rotor. Low costs of maintenance and spare parts, on average three times lower than in case of mower headers with horizontal rotor, and the work amount done by the RCH is at least five times larger. The mowing results are effective in reducing the shoot re-growth as the overground part of a bush is split (torn), causing a rapid drying of this part of the wood.

POWER TRANSMISSION

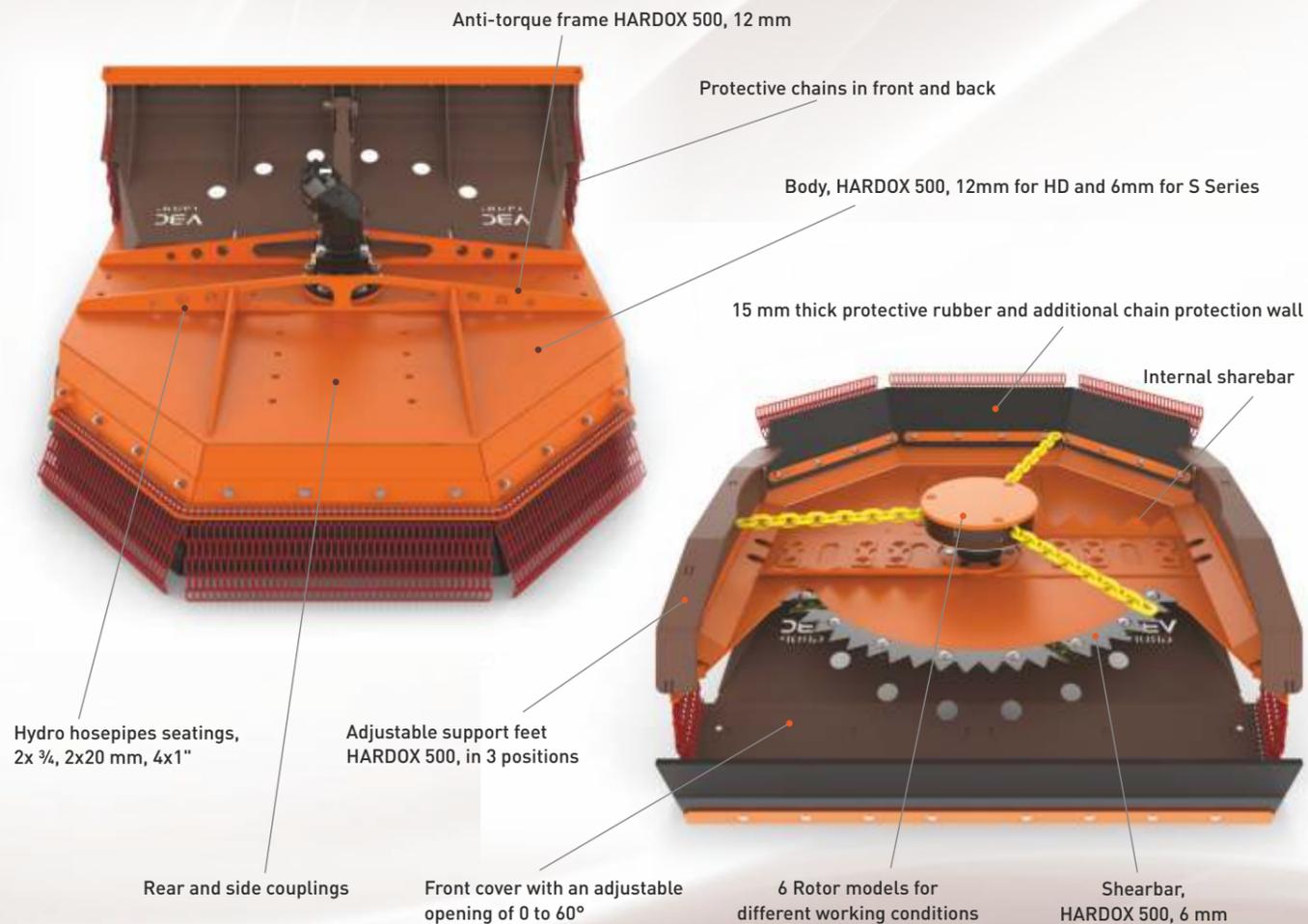
We offer a range of the most popular hydraulic motors: gear motors, fixed and variable displacement piston motors and bent axis motors. (SUNFAB, BONDIOLI & PAVESSI, DANFOSS, PARKER). The hydraulic motor connection is SAE-C 14T. It is also possible to use other standard motors through a reducer coupling, e.g., from the SAE-B to SAE-C and others. Anti-cavitation and pressure relief valves provide for motor protection, and also the flushing valve ensures the optimal operating temperature of the motor housing when working at high loads and speeds. For high loads the power transmission is provided, equipped with tapered bearings that are able to withstand high axial and radial loads and ensure the optimal rotor tip speed of 140 to 150 m/s.

ROTORS

The chains used in the rotors are high quality CL-10 and CL-12 class chains of 10, 13, 16, and 19 mm, ensuring long-term operation until the new chain replacement time. Behind the rear rubber protectors there is an additional CL-8-class chain wall.

The patented standard rotor has six chain jacks suitable for 10, 13 and 16 mm chains. The rotor is designed to be fitted with chains having spare links for extension at wear. The tip of the power transmission axis is fully embedded in the rotor and is located maximum closely to the lower bearing. This system prevents the loosening of the rotor at side impact and vibration and reduces the load on the bearings.

The patented universal, dismountable HD series rotor with the special design HARDOX knives and high-strength 19 mm chains is intended for particularly heavy work, and is available for models with the working widths of 115, 135 and 150 cm. The knife and chain fixation is with 28mm pins. It is also provided for a disc saw to be connected to the rotor for cutting of small trees and branches. Depending on the type of the rotor, the diameter of tree-branches to be cut is up to 15 cm.



OUR EQUIPMENT IS RECOMMENDED BY:



ORSI Group

LIEBHERR



Manufacturer:
SIA VBC GRUP
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High precision HARDOX 500 metal laser cutting, metal working and welding.

Our products are manufactured in accordance with the requirements and standards of the Machinery Directive 2006/42/EC.