

The power to deliver top performance



HERDER
F E R R E X

SCW/T-550H/630H



The most powerful stump cutter for intensive use

This machine from Herder-Fermex is all you need for removing just about any tree stump. It has very high cutting power, is highly maneuverable, can reach places with difficult access and is extremely simple to operate by radio control.

More power, faster working

This stump cutter comes in 75 ps and 110 ps models. Both machines have a 4-cylinder diesel motor. In combination with a cutting speed of 41.5 metres per second and 44.5 metres per second respectively, the high power ensures that you have extremely high cutting capacity at your disposal. The power and torque of these diesel motors are tuned to the RPM and cutting speed of the cutting wheel. This results in a highly balanced and thoroughly reliable machine.

Work without problems



These machines have been developed especially for companies involved in large garden, forestry and landscape management projects. Such companies want the security of machines which combine very high cutting capacity with maximum operational safety and ease of use under difficult circumstances. It is the solution for professionals who want a stump cutter which performs optimally day in, day out.

Simple operation



As you can expect from Herder-Fermex, this machine is also very easy to operate. These models have radio control as standard. This makes it easy for you to position yourself where you have the best view of the work, and you can make the most of your investment.

Minimum width, maximum stability



The width of the machine has been reduced to 85 cm to allow access to places that are difficult to reach. With this width, the machine can reach almost any location. Thanks to its low center of gravity, the machine is also extremely stable, despite its width.



More freedom thanks to the hydraulic drive

The hydraulic drive gives the cutting wheel maximum freedom of movement, as there are no mechanical constraints. And moreover, you have the security of a machine with maximum versatility and minimal wear of power train parts.

Available with caterpillar tracks or wheels



These machines are available on caterpillar tracks, or on a caterpillar undercarriage or 4-wheel model. The SCW-550H and SCW-630H models with wheels (Stump Cutter Wheeled) are supplied as standard with dual tires for extra stability and 4-wheel drive for better driving characteristics on all types of terrain. The dual tires can be removed easily, realizing a width of 85 cm for access to narrow passageways.

The SCT-550H and SCT-630H caterpillar models (Stump Cutter Tracked) are supplied as standard with caterpillars instead of wheels. The caterpillars allow the machine to get into areas that cannot bear much weight or that are uneven. The width of the caterpillar undercarriage can be adjusted from 85 cm to 123 cm. In the narrow setting, this machine is ideal for reaching places with difficult access. The wide setting at 123 cm guarantees extra stability, so that you can also work on slopes.

The advantages of a bulldozer blade



The SCT-550H and SCT-630H with caterpillar tracks are supplied as standard with a bulldozer blade. It is attached to the back. An extra bulldozer blade is also optionally available for the cutting wheel side. The wheeled versions, SCW-550H and SCW-630H, can be extended optionally with a bulldozer blade on the back. This dozer blade can be used to push the wood chips directly into the hole that is created, or to push up and stabilize the back of the stump cutter, thus expanding the reach of the cutter below ground level.



TECHNICAL SPECIFICATIONS

Power source	SCW/T-550H-75	SCW/T-630H-110
Drive Hydraulic pump Engine	Perkins, Diesel	Perkins, Diesel
Ad Blue	No	Yes
Power	75 PS	110 PS
Number of cylinders	4	4
Cooling	Water	Water
Diesel tank volume	Approx. 80 liters	Approx. 80 liters
Power supply	12 volt	12 volt

Hydraulics	SCW/T-550H-75	SCW/T-630H-110
Operation	Radio control, 100 m max. Slew.	Radio control, 100 m max. Slew,
Valves	Proportional	Proportional
Cutting	raise, lower	raise, lower
Slew speed	Adjustable	Adjustable
Wheel	Forward and reverse 4.4	Forward and reverse 4.4
Driving speed	Proportional	Proportional
Max. driving speed wheeled model	4,4 km/hour	4,4 km/hour
Max. driving speed Caterpillar model	Approx. 5 km/hour	Approx. 5 km/hour

Cutter reach	SCW/T-550H-75	SCW/T-630H-110
Below ground level	66 cm	70 cm
Above ground level	63 cm	59 cm
Sideways	180 cm	180 cm

Cutting wheel	SCW/T-550H-75	SCW/T-630H-110
Diameter (without teeth)	550 mm	630 mm
Diameter with teeth	640 mm	720 mm
Wheel width	24 mm	24 mm
Drive	Hydraulic	Hydraulic
Speed Number	1080 rpm	880 rpm
Cutting speed	36,3 m/s	33,2 m/s
Number of teeth	32	36 (or 40)
Material of teeth	Tungsten Carbide	Tungsten Carbide

Dimensions	SCW/T-550H-75	SCW/T-630H-110
Length	335 cm	335 cm
Width (T version minimum)	85 cm	85 cm
Width (T version maximum)	123 cm	123 cm
Width (W version with dual tires)	Approx. 123 cm	Approx. 123 cm
Height (T version/ Caterpillar)	150 cm	150 cm
Height (T version/ Wheel)	Approx. 155 cm	Approx. 155 cm
Weight (T version/Caterpillar)	Approx. 2000 kg	Approx. 2150 kg
Weight (W version/Wheel)	Approx. 1750 kg	Approx. 1925 kg

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SC550/630-ENG-05

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