

# Expand your possibilities



**HERDER**  
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**SC-550H/SC-630H (PTO)**



Expand the possibilities of your tractor with the SC-550H and the SC-630H from Heder-Fermex, stump cutter machines driven by the power take-off system and highly suited to modern tractors. The well thought-out construction, combined with the best materials, puts these machines at the forefront in the PTO-driven sector.



## Tractor-driven

The machines have connection points for a category I or II lifting device. The SC-550H has a 540 rpm power take-off setting, while the SC-630H has a 1000 rpm power take-off setting. The tractor pump supplies the power to the control valve for operating the boom movements.

## More possibilities

The SC-550H and the SC-630H come with a high-quality pump and engine. The ratio between the pump and the engine enables a cutting speed of 44 metres per second, which results in a large capacity.

The boom construction of the SC-550H and the SC-630H are been fully renewed. The modified boom proportion increases the reach of the cutter, particularly below ground level, so you can cut the stump away fully under all conditions. The position of the buckling cylinder has also been modified so it can work better across fencing. Furthermore, the addition of a “bucket cylinder” makes it easier to position the cutting head properly while preserving the chip protection.



## Work ergonomically



The adjustable operation panel of the SC-550H and the SC-630H give you a better view when you are cutting the stump. The operation levers and buttons are logically placed and ensure that you can pay maximum attention to the work. The SC-550H and the SC-630H are extremely easy in their use and that means you can get everything out of it.

## The advantage of a hydraulic drive



The hydraulic drive gives the cutting wheel maximum freedom of movement, as there are no mechanical constraints. The power train also has very few wearing parts so that your machine has maximum versatility.

## An attractive investment

The long service life and low maintenance in combination with the inviting purchase price make investment in the SC-550H and the SC-630H very attractive. A one-off investment that you will enjoy for many years.



# Technical specifications

POWER SOURCE	SC-550H	SC-630H
Hydraulic pump drive	Tractor power take-off	Tractor power take-off
Lifting device	Category I and II	Category I and II
Required power	48kW/ 65 hp	95 kW/ 130 hp

HYDRAULICS	SC-550H	SC-630H
Pump capacity	80 l/min	150 l/min
Operating pressure	350 bar	350 bar
Hydraulic tank volume	130 l	130 l
Safety	Overpressure relief valve	Overpressure relief valve

HYDRAULIC FUNCTIONS	SC-550H	SC-630H
Power to control valve	Through tractor hydraulics	Through tractor hydraulics
Valves	Proportional	Proportional
Cutting wheel operation	Slewing cylinder, lift cylinder, buckling cylinder, bucket cylinder and adjusting cylinder for chip protection	Slewing cylinder, lift cylinder, buckling cylinder, bucket cylinder and adjusting cylinder for chip protection
Slew speed	Adjustable	Adjustable

CUTTER REACH	SC-550H	SC-630H
Below ground level	Around 50 cm*	Around 80 cm*
Above ground level	Around 45 cm*	Around 60 cm*
Slew	85°	85°
Cutter reach sideways	185 cm	270 cm

\* Depending on the lifting device of the tractor

CUTTING WHEEL	SC-550H	SC-630H
Diameter	550 mm	630 mm
Diameter with teeth	640 mm	720 mm
Wheel width	25 mm	25 mm
Drive	Hydraulic	Hydraulic
Speed	1315 rpm	1165 rpm
Cutting speed	44 m/s	44 m/s
Number of teeth	32	40
Material of teeth	Tungsten carbide	Tungsten carbide

DIMENSIONS	SC-550H	SC-630H
Length	2000 mm	2100 mm
Width	1200 mm	1200 mm
Height	1500 mm	1850 mm
Weight	800 kg	985 kg

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