

# Problem-free combinations



**HERDER**  
F E R M E X

**SCE-410H/550H/630H/800H**



# The best self-driven stump cutters for each excavator

When it comes to self-driven stump cutters and power take-off machines, Herder-Fermex has a cast-iron grip on the market. But that certainly also applies to the complete line of hydraulic driven stump cutters for use on excavators. The SCE range can be combined problem-free and simply with hydraulic excavators. Solid stump cutters, good for a long and trouble-free service life.

## The Herder-Fermex SCE-410H

The SCE-410H is the smallest stump cutter in this series. This model is suitable for most excavators between 3 and 8 tonnes. The SCE-410H is equipped with a cutting wheel with a diameter of 41 cm (50 cm with teeth). You can choose between two hydraulic motors. There is a motor for an oil flow between 30 and 40 l/min (max. 350 bar) and one for oil flow between 40 and 50 l/min (max. 350 bar).



*SCE-410H in basic construction for max. oil flow of 40 or 50 l/min*

## The Herder-Fermex SCE-550H

The SCE-550H is the middle stump cutter in this series. This model is suitable for most excavators between 7 and 14 tonnes. The SCE-550H is equipped with a cutting wheel with a diameter of 55 cm (64 cm with teeth). The machine has a motor for an oil flow between 60 and 80 l/min (max. 350 bar).



*SCE-550H with Verachtert quick connect CW 20-40 for 80 l/min*

## The Herder-Fermex SCE-630H

The SCE-630H is the middle stump cutter in this series. This model is suitable for most excavators between 10 and 20 tonnes. The SCE-630H is equipped with a cutting wheel with a diameter of 63 cm (72 cm with teeth). You can choose between two hydraulic motors. There is a motor for an oil flow between 80 and 110 l/min (max. 350 bar) and one for oil flow between 110 and 150 l/min (max. 350 bar).



*SCE-630H in basic construction for max. oil flow of 110 or 150 l/min*

## The Herder-Fermex SCE-800H

The SCE-800H is the largest stump cutter in this series. The SCE-800H is equipped with a cutting wheel with a diameter of 80 cm (89 cm with teeth). This Herder-Fermex is equipped standardly with a mechanically adjustable hydraulic motor. That makes this stump cutter suitable for every hydraulic excavators with an oil flow between 80 and 160 l/min (max. 420 bar) and it can be used on most excavators between 10 and 20 tonnes.



*SCE-800H in basic construction for an oil flow between 80 and 160 l/min*

## The advantage of a hydraulic drive



Choosing a hydraulic drive guarantees you a number of benefits. For instance, the cutting wheel has maximum freedom of movement because there are no mechanical restrictions.

You have the security of a machine with maximum versatility because of minimal wear of parts of the driveline and reduced maintenance costs.

Moreover, you have the benefit of the expertise of Herder in hydraulic drives.

## Maximum protection

The SCE-410H is standardly equipped with a mechanically adjustable chip guard. Optionally the SCE-410H can be equipped with a hydraulically adjustable chip guard, whereas the SCE-550H, the SCE-630H and the SCE-800H by contrast, are fitted with a hydraulically adjustable chip guard. This means that you, as user, can position the chip guard from the cabin of your hydraulic excavator so that maximum safety and protection is always assured.



*Mechanically adjustable chip guard with SCE-410H (standard)*



*Hydraulically adjustable chip guard with the SCE-550H, SCE-630H, and the SCE-800H (standard)*



*Hydraulically adjustable chip guard with SCE-410H (optional)*



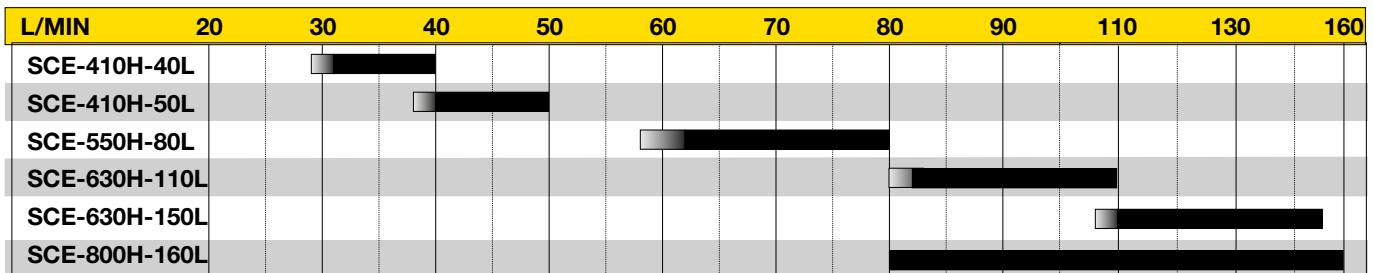
# Technical specifications:

POWER SOURCE	SCE-410H	SCE-550H	SCE-630H	SCE-800H
Required volume flow (l./min/)	40* or 50*	80*	110* or 150*	Between 80 and 160
Max. operating pressure (bar)	350	350	350	420
Number of required double action functions	0	1	1	1
Safety	Overpressure relief valve	Overpressure relief valve	Overpressure relief valve	Overpressure relief valve

\* The minimum flow rate required is about 75 % of the value specified.

CUTTING WHEEL	SCE-410H	SCE-550H	SCE-630H	SCE-800H
Diameter (mm)	410	550	630	800
Diameter with teeth (mm)	500	640	720	890
Wheel width (mm)	25	25	25	25
Max. speed (rpm)	1300	1345	1200	1000
Max. cutting speed (m/s)	44	44	44	44
Number of teeth	24	32	40	48
Material of teeth	Tungsten carbide	Tungsten carbide	Tungsten carbide	Tungsten carbide

DIMENSIONS	SCE-410H	SCE-550H	SCE-630H	SCE-800H
Length (cm)	Approx. 71 cm	Approx. 105 cm	Approx. 115 cm	Approx. 145 cm
Width (cm)	Approx. 55 cm	Approx. 85 cm	Approx. 85 cm	Approx. 95 cm
Height (cm)	Approx. 65 cm	Approx. 92 cm	Approx. 98 cm	Approx. 110 cm
Weight (kg)	Approx. 135 kg	Approx. 285 kg	Approx. 450 kg	Approx. 600 kg



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