

# Expand your work area



**HERDER**  
F E R M E X

**SC-800H/SC-900H (PTO)**



The SC-800H and SC-900H stump cutters are reliable machines with ample power that can be put to use on a wide variety of tasks. Herder-Fermex follows the trend of increased size with this model. The stump cutter also fits in well with the greater power of today's tractors.

## From park to roadside

Work where you want and in places that are difficult to reach. Not a problem with this machine from Herder-Fermex. The well thought-out boom construction of the SC-800H and the SC-900H gives a wide reach, so that you can also work across fencing such as crash barriers and railings. This makes the SC-800H and the SC-900H the ideal machine for contractors, landscaping firms and other stump cutter users.

## Maximum cutting power



*Cutting wheel of the SC-800H*

The SC-800H and the SC-900H are equipped with heavy-duty hydraulic pumps and motors to transfer the high power outputs to the cutting wheel. The power to the cutting wheel is respectively 200 and 275 hp. A high torque combined with the rpm results in unparalleled capacity. This machine is standard equipped with a "bucket cylinder" and a cylinder to operate the chip guard. This way you can position the cutting head properly in almost all working conditions, while retaining the protection against chips.

## Simple operation



*Simple operation of the SC-900H*

The SC-800H and the SC-900H from Herder-Fermex are simple to operate, so you will get to know the machines in no time. Remote control further simplifies its operation. For example, you can operate the machine easily from the tractor or you can choose a position yourself with a good view of the stump to be cut. It's one of the ways the SC-800H and the SC-900H expand your work area.



## Hydraulically driven



*Hydraulic drive of the SC-900H*

The hydraulic drive gives the cutting wheel maximum freedom of movement, as there are no mechanical constraints. This means you can cut stumps behind fences, railings or crash barriers, for example. The power train also has very few wearing parts so your machine has maximum versatility.

## Tractor-driven



*Transport position of the SC-800H*

The machines have connection points for a category II or III lifting device. The tractor's power take-off drives the heavy gearbox of the machine; the optimum PTO speed is 1000 rpm. A large pump is mounted on this gearbox to drive the cutting wheel, as well as a pump for operating the boom movements.

## The perfect stump cutter for the professional user



*SC-900H*

These Herder-Fermex machines offer the professional user all possibilities for removing tree stumps from any location in a very short time. The large capacity of these stump cutters ensure that the working time per stump is reduced drastically. These are thus the ideal machines for the real stump cutting specialist.



# Technical specifications

POWER SOURCE	SC-800H	SC-900H
Hydraulic pump drive	Tractor power take-off	Tractor power take-off
Lifting device	Category II & III	Category II & III
Required output	95 kW/ 130 hp*	200 kW/ 272 hp*
Optional power	147 kW/ 200 hp*	On request*

\* For maximum use of stump cutting power

HYDRAULICS	SC-800H	SC-900H
Pump capacity	150 l/min	290 l/min
	250 l/min	Optionally
Operating pressure	350 bar	420 bar
Hydraulic tank volume	220 l	220 l
Safety	Overdrukventiel	Overdrukventiel

HYDRAULIC FUNCTIONS	SC-800H	SC-900H
Power to control valve	60 l/min (supplied by the tractor)	60 l/min (own pump)
Valves	Proportional	Proportional
Cutting wheel operation	Slewing cylinder, lift cylinder, buckling cylinder, bucket cylinder and chip guard cylinder	Slewing cylinder, lift cylinder, buckling cylinder, bucket cylinder and chip guard cylinder
Slew speed	Complete adjustable	Complete adjustable

CUTTER REACH	SC-800H	SC-900H
Below ground level (mm)	Around 150*	Around 200*
Slew	120°	120°

\* Depending on the lifting device of the tractor

CUTTING WHEEL	SC-800H	SC-900H
Diameter (mm)	800	820
Diameter with teeth (mm)	890	900
Wheel width (mm)	25	65
Drive	Hydraulic	Hydraulic
Speed	1000 rpm	1000 rpm
Cutting speed	47 m/s	47 m/s
Number of teeth	48	68
Material of teeth	Tungsten carbide	Tungsten carbide

DIMENSIONS	SC-800H	SC-900H
Length (mm)	290	290
Width (mm)	220	220
Height (mm)	300	325
Weight	2505 kg	2925 kg

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You will achieve more with Herder



SC-800H/SC-900H-ENG-01

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