



PONSSE

**OPTIMISED
PRODUCTIVITY**

PONSSE H8

The superbly efficient PONSSE H8 harvester head improves the efficiency of harvesting. Its robust structure, efficient operations and precise controls ensure long service life, high rates of work productivity and high-quality timber.

PONSSE H8



The PONSSE H8 is a supremely robust and powerful harvester head for demanding work on large tree stands. It has superior performance relative to its size; a powerful feed and excellent geometry capable of supporting even large trunks ensure extremely high rates of productivity. Accurate automatic control ensures good cutting precision and the wood is always fed at maximum speed to the right length. The controlled feed acceleration and deceleration also reduce feed damage and pressure peaks, and increase the machine's efficiency. The grip pressure of the delimiting knives and feeding rollers adjusts freely according to the trunk's size, and the feed rollers support the wood from below. This ensures minimal friction and a solid grip on the wood during feeding.

The sawing performance of the PONSSE H8 harvester head is outstanding. The easy-to-use automatic features control the saw motion according to the tree diameter, and guarantee fast cutting. While the features increase sawing efficiency, they also increase the service life of the saw blade and the chain. The strong and smooth tilt motion speeds up work while reducing the stress placed on the harvester head.

The PONSSE H8 harvester head is also suited for multi-stemming. The geometry of the rollers and delimiting knives is ample enough to allow for the collection and bucking of larger trunks as well.

The PONSSE H8 is available with a top saw for processing curvy trees with multiple branches. In addition, a stronger tilt frame is available for track-based installations, as well as processing delimiting knives longer than standard knives for picking trunks more easily from a pile.

MEASUREMENTS

Weight	H8: from 1 250 kg (2,756 lbs) excl. rotator H8 top saw: from 1 450 kg (3,197 lbs) excl. rotator
Length	H8: 1 500 mm (59 in) H8 top saw: 1 730 mm (67 in)
Width	1 650 mm (65 in)
Height without rotator	H8: 1 680 mm (66 in) H8 top saw: 1 760 mm (69 in)
Power consumption	130–140 kW (174–188 kW)
Operating pressure	28 MPa (4,061 PSI)

SAW UNIT

Hydraulic chainsaw	
Power	45 kW (60 hp)
Saw bar length	820/900 mm (32/35 in)
Cutting diameter	720/800 mm (28.3/31.5 in)
Chain speed	40 m/s (131 ft/s)
Chain	0,404"

* Available optional saw chain grease lubrication (not for H8 top saw) and saw box lights.

TOP SAW

Top saw bar	640 mm (25.2 in)
Top saw cutting diameter	460 mm (18.1 in)
Top saw chain	0.404"

FEEDING UNIT

Largest opening (feeding rollers)	740 mm (29.2 in)
Feeding system	3 rollers
Feeding force	36 kN (8,093 lbf)
Feeding speed	5 m/s (16.4 ft/s)

DELIMITING UNIT

Number of knives	4+1+1
Maximum opening of front knives	740 mm (29.2 in)
Maximum opening of rear knives	780 mm (31 in)
Delimiting knives and feeding rollers are separately controlled.	

OPTIONAL EQUIPMENT:

Plenty of optional equipment is available in addition to the comprehensive PONSSE H8 standard equipment. Consult your nearest Ponsse Service Center or dealer for more information on the standard and optional equipment.



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