



PONSSE



The controlled acceleration and braking during the feeding process increases product quality with less damage to stems. The hydraulic system has fewer pressure peaks for improved performance and reliability. The auto adjustable feeding is self-learning and speeds up harvesting significantly.



H8

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OPTIMIZED PRODUCTIVITY

Ponsse's powerful PONSSE H8 harvester head was developed for superior harvesting performance in larger timber. Its design includes several innovative solutions which speed up harvesting, improve product quality and prolong the useful life of the harvester head.



SUPERIOR AND POWERFUL FEED AND FAST DELIMBING

The PONSSE H8 harvester head has tremendous feed force and with its considerable capacity it is specifically designed to handle large-sized trees. The feed roller opening is 40 to 740 mm (1½ to 29 in) and with its unique grip geometry makes the handling of large stems easy. The firm grip on trunks and the highly powerful feeding work hand and hand with the feed rollers and blades grip pressure, which can be adjusted freely during operation. It is possible to use an above normal grip pressure at the start to prevent slipping. The firm grip is ensured by actuating the feed motor locking switch.

The PONSSE H8 harvester head provides excellent agility: the control functions of the front and rear delimiting blades and feed rollers allow for multiple applications. Delimiting is possible up to 40 mm (1½ in). The rocker control button located on the operator handle allows smooth control of the manual feed speed, which facilitates the handling of trees in difficult conditions.

The delimiting power of the PONSSE H8 harvester head is superior, whatever the conditions: the stationary top knife can be adjusted to the desired height to handle all different to tree species variations and sizes. With its short frame, the PONSSE H8 harvester head also skilfully handles crooked stems.

PRODUCTIVE AND EASY-TO-USE

The sawing performance of the PONSSE H8 harvester head is outstanding. The reliable easy-to-use automatic features control the saw motion according to the tree diameter and blade position guarantee fast cutting. While sawing efficiency improves, the service life of the blade and the chain also increases. Saw control calibration is achieved simply by the press of a button.

The tilt movement of the PONSSE H8 harvester head is remarkably even and smooth, which reduces machine wear. The improved harvesting tilt force and speed are based on its superb geometry. With the tilt it is also possible to use the floating function.

TECHNICAL SPECIFICATIONS

Weight: (incl. rotator and hanger)	1350 kg (2977 lbs)
Length:	1 500 mm (59 in)
Height without rotor:	1 680 mm (66 in)
Width :	1 650 mm (65 in)
Power consumption:	130 - 140 kW (174 - 188 hp)
Operating pressure:	28 MPa (4061 PSI)
Oil flow requirement:	300 l/min (80 gpm)
Rotator:	Indexator AV14/AV17
Measuring and control system:	PONSSE Opti4G
SAW UNIT	
Saw bar length:	820 / 900 mm (33 / 33 in)
Cutting diameter:	720 / 800 mm (28 / 32 in)
Chain speed:	40 m/s (131 ft/s)
Chain:	0.404 "
FEEDING UNIT	
Feed system:	3 rollers
Feed force:	36 kN (8093 lbf)
Feed speed:	0 - 5 m/s (0 - 17 ft/s)
Delimiting unit:	One stationary and adjustable + 4 hydraulically movable knives (the fixed rear knife is optional equipment)
Maximum opening:	740 mm (29 in)

The delimiting knives and feed rollers can be separately controlled; proportional control of the roller and knife grip pressure.