



PONSSE

H7 PONSSE

EFFICIENT FELLING



PONSSE H7

The versatile PONSSE H7 harvester head is well suited for both regeneration felling and thinning sites. The harvester head's excellent roller assembly offers large trunk load-bearing capacity. The smooth grip adjustment of the delimiting knives and feed rollers as well as the locking connection of the non-slip grip feed motors make the H7 an unbeatably powerful harvester head.

PONSSE H7



The PONSSE H7 is a supremely compact, robust and powerful harvester head for demanding work at final felling sites. The small outer dimensions, powerful feed and excellent power-to-weight ratio guarantee productivity in both softwood and hardwood harvesting. 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 feed 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 PONSSE H7 also has excellent sawing efficiency. 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.

MULTI-STEMMING WITH PROGRAM LOGIC

The H7 harvester head is also very well suited for multi-stemming. The geometry of the rollers and delimiting knives is also ample enough to allow for the collection and bucking of larger trunks, meaning that the H7 harvester head is capable of multi-stemming log-size trunks.

MEASUREMENTS

Weight	from 1 150 kg (2,535 lbs) excl. rotator
Length	1 500 mm (59 in)
Width	1 540 mm (61 in)
Height without rotator	1 680 mm (66 in)
Operating pressure	28 MPa (4,061 psi)

FEEDING UNIT

Feed system	3 rollers
Feed power	30 kN (6,744 lbf lbs)
Feed speed	5 m/s (16.4 ft/s)
Largest opening (feed rollers)	650 mm (25.6 in)

SAW UNIT

Hydraulic chainsaw	
Saw bar length	750/820/900 mm (30/32/35 in)
Cutting diameter	640/720/800 mm (25,2/28,3/31,5 in)
Chain	0,404"

* Available optional saw box lights and saw chain grease lubrication.

DELIMITING UNIT

Number of knives	4+1+1
Maximum opening of front knives	640 mm (25.2 in)
Maximum opening of rear knives	750 mm (30 in)
Delimiting knives and feed rollers are separately controlled	

OPTIONAL EQUIPMENT

Plenty of optional equipment is available in addition to the comprehensive PONSSE H7 standard equipment. Consult your nearest Ponsse Service Center or dealer for more information on the standard and optional equipment.

The manufacturer reserves the right to make technical changes and improvements.



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