

PONSSE

**PRIME HEAD FOR HIGH
PRODUCTION IN
THINNING AND
CLEAR CUTS**

HTZ



PONSSE H7

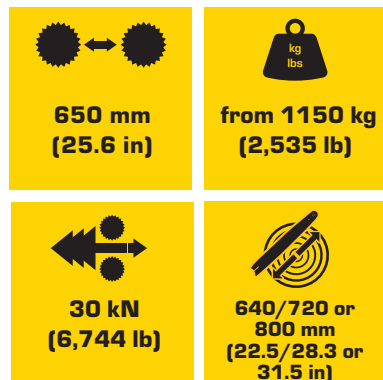
A MEDIUM-SIZED HEAD WITH HIGH PRODUCTION

The PONSSE H7 harvester head specialises in large-diameter thinning and clear cutting. Relative to its high power, the PONSSE H7 harvester head is small, light and agile. Its excellent feed roller geometry easily supports larger stems. The stepless 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 in its class.

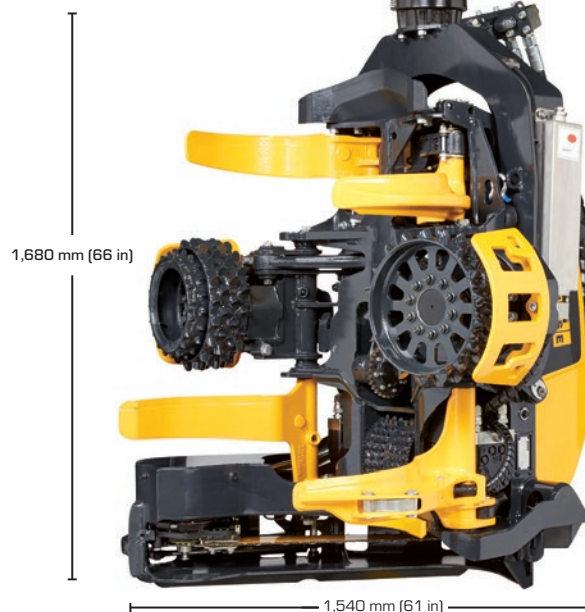


PONSSE H7 is a highly compact, solid and powerful harvester head for demanding thinning and regeneration felling. Its small outer dimensions, powerful feed and excellent power-to-weight ratio are productive qualities, both at softwood and hardwood sites. Trees are always fed at the correct length, and at maximum speed. 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 steplessly according to the stem size, and the feed rollers support trees from below. This ensures minimal friction and a firm grip during feeding. PONSSE H7 also has an excellent sawing efficiency ratio. Easy-to-use automated systems ensure fast cutting and adjust sawing according to the tree diameter. More efficient sawing also extends the service life of the saw blade and chain. The strong and smooth tilt movement speeds up working, while reducing stress directed at the harvester head.

PONSSE H7 is the most efficient multi-stemming head, as the geometry of the rollers and delimiting knives are excellent for collecting and cutting larger diameter trees. Multi-stemming with the H7 harvester head can be done with stems up to sawlog sizes.



H7



MEASUREMENTS

Weight:	from 1 150 kg (2,535 lb) 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)
Feed speed:	5 m/s (16.4 ft/s)
Largest opening (feed rollers):	650 mm (25.6 in)

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.

SAW UNIT

Hydraulic chainsaw	
Saw motor:	30/32cc
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.

DELIMBING 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	

Technical details and specifications may vary in different installations. These can be related to carrier, base machine or Ponsse harvester installations.

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