

PONSSE

**FAST, EFFICIENT
AND ROBUST**

H8



PONSSE H8

A HARVESTER HEAD THAT KEEPS YOU LOGGING

The new PONSSE H8 harvester head enables faster, more efficient, and economical harvesting even when there are plenty of large-diameter trees to handle. Thanks to the strong structure, great sawing power, excellent gripping geometry and uncontested agility, the New H8 allows smooth proceeding without unnecessary interruptions. Steady progress makes work profitable and the New H8 one of the most essential tools for successful logging business.

The New H8 boasts – especially in relation to its compact size – exceptional power and ability to perform. Even though the head's agility enables operations in all types of forests, the New H8 maintains its stability well. This results in efficient feeding and fast, yet flowing tilt function.

The New H8 provides uncontested durability, excellent reliability, and lower lifecycle cost – also to the saw blade and chain. The more challenging the conditions, the better the New H8 stands out: the renewed saw box prevents snow from packing, and the completely new Active Speed function enables changing the feeding speed.



The New H8 utilizes sophisticated automation that adjusts sawing according to the tree diameter and saw bar position. This speeds up cutting, helps avoid damages and enables the saw bar and chain last longer. At the end of the day, this turns out into a more efficient and economical sawing, resulting in quicker project completion and better productivity.

Trees are always fed at the correct length, at the best possible speed. Controlled feed acceleration and deceleration provide smaller pressure peaks, fewer feed damages, and improved efficiency. The grip pressure of the delimiting knives and feed rollers adjusts continuously according to the trunk size. Feed rollers support trunks from below, ensuring low friction and a firm grip during feeding.

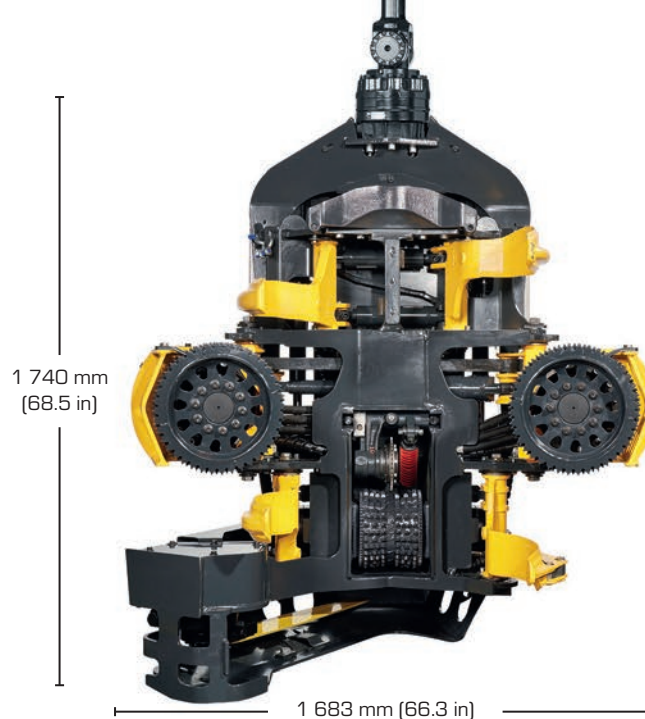
The advanced capabilities of the New H8 enable complete delimiting of trunks with diameters down to 50 mm. Plane-like knife profile lowers friction, saves fuel and maintains its sharpness for a lot longer than harvester heads that feature flat knife bottom.

The New H8's smooth, fast and strong tilt has its own proportional directional valve, which enables separate movement speed adjustments for lifting and lowering in the Opti 4G system. Advanced high-quality geometry provides optimal tilt power and speed, allowing the tilt to go near the stem surface. This helps minimize the lift-up torque, further extending the head's productive lifetime.





H8



DIMENSIONS

Dry Weight, min. (without rotator):	1 400 kg (3,086 lbs)
Length:	1 582 mm (62.3 in)
Height without rotator:	1 740 mm (68.5 in)
Width:	1 683 mm (66.3 in)
Power consumption:	130–140 kW
Operating pressure:	28 Mpa (4,061 psi)
Oil flow requirement:	320 l/min

SAW UNIT

Hydraulic chain saw	
Saw motor:	30/32 cc
Saw bar length:	820 / 900 mm (32.3 / 35.4 in)
Chain speed:	40 m/s
Chain pitch:	0.404"
Cutting diameter CT+:	660 / 790 mm (26.0 / 31.1 in)
Cutting diameter SC150:	650 / 785 mm (25.6 / 30.9 in)

FEEDING UNIT

Feeding type:	3 rollers		
Feeding motors:	620/400cc	750/500cc	Active Speed 820-550/315cc
Feeding force:	30 kN (6 744 lbf)	36 kN (8 093 lbf)	25–37,2 kN (5 620–8 363 lbf)
Feeding speed:	0–4.5 m/s	0–5 m/s	0–5,8 m/s
Max. opening:	740 mm (29.1 in)		
Optimum tree range diameter:	45–650 mm (1.8–25.6 in)		

DELIMBING UNIT

One bolted and adjustable (2cm) + 4 movable knives (+ 1 fixed rear knife)	
Max. opening, front/rear:	740 / 780 mm (29.1 / 30.7 in)
Delimiting knives and feed rollers separately controllable, adjustable pressure for knives and rollers	



Ponsse Plc.

Ponssentie 22
74200 Vieremä
FINLAND
Tel.: +358 20 768 800
Fax: +358 20 768 8690
www.ponsse.com

Ponsse North America, Inc.

4400 International Lane
Rhineland, WI 54501
USA
Tel. 715 369 4833
Fax 715 369 4838

Ponsse UK Ltd.

4 Annan Business Park
Annan
Dumfriesshire
DG12 6TZ
UNITED KINGDOM
Tel. +44 1461 207 510
Fax +44 1461 207 511

Ponsse Machines Ireland Ltd

Cappakeel, Emo
Portlaoise
R32NN28, Laois
Ireland
Tel. +353 57 863 3762



A logger's best friend

www.ponsse.com