

PONSSE

**DURABLE  
PERFORMANCE**

**I-HB  
I-HD**





## PONSSE H8HD

# TOUGH PERFORMANCE

PONSSE H8 HD is a tough-built harvester head with high power and excellent geometry for the most demanding logging operations. It is designed for the hard use on tracked base machines, featuring a heavy-duty frame structure and efficient hydraulic system to ensure high reliability and performance.



BEAR



20-30 T




PONSSE H8 HD is a heavy-duty harvester head for felling and processing both hardwood and softwood trees in difficult conditions. Strong grip, powerful feeding and fast sawing are packed in a robust and reliable package that can be fitted to various tracked carriers. Reinforced frame and tilt arm provide the strength needed in tough operations. Wide feed roller geometry supports even the large stems with feed rollers instead of delimiting blades. This allows using lower pressure on knives, which improves fuel economy, feeding speed and measuring accuracy. Optimal tilt pivot geometry minimizes the upwards torque of the head, giving smoother feeding and better grip of the tree.


PONSSE Opti control system is designed specifically for PONSSE harvester heads. All adjustments and settings work perfectly together with the head, offering easy but versatile functions to perfectly fit the base machine and work requirements. PONSSE systems offer mobile follow-up for overall production with either manual or automatic data transfer.

The PONSSE H8 HD is available with a top saw for processing curvy trees with multiple branches. Processing delimiting knives are longer than standard knives in order to make it easier when picking logs out from a pile.







**740 mm  
(29.2 in)**



**from 1,450 kg  
(3,197 lbs)**



**36 kN  
(8,093 lbf)**




**720/800 mm  
(28.3/31.5 in)**


H8HD 1,690 mm  
(66 in)  
H8 HD Top Saw  
1,760 mm (69 in)




1,650 mm (65 in)




**720 mm  
(29.2 in)**



**from 1,650 kg  
(3,638 lbs)**



**36 kN  
(8,093 lbf)**



**600 mm  
(24 in)**

## H8 HD TOP SAW

### MEASUREMENTS

Weight:	H8 HD: from 1,450 kg (3,196 lbs) excl. rotator H8 HD top saw: from 1,650 kg (3,638 lbs) excl. rotator
Length:	H8 HD: 1,560 mm (61 in) H8 HD top saw: 1,765 mm (69 in)
Width:	1 650 mm (65 in)
Height without rotator:	H8 HD: 1,690 mm (66 in) H8 HD top saw: 1,910 mm (75 in)

### SAW UNIT

Hydraulic chainsaw	
Saw motor:	30/32cc
Saw bar length:	820/900 mm (32/35 in)
Cutting diameter:	720/800 mm (28.3/31.5 in)
Chain:	0,404"

### TOP SAW

Saw motor:	19cc
Top saw bar:	750 mm (30 in)
Top saw cutting diameter:	600 mm (24 in)
Top saw chain:	0.404"

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

### FEEDING UNIT

Feeding system:	3 rollers
Largest opening (feeding rollers):	740 mm (29.2 in)
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.	

### TRACKED CARRIER

Operating pressure:	28 MPa (4,061 psi)
Carrier weight (min):	20 tons

### OPTIONAL EQUIPMENT

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



**Ponsse Plc**  
Ponssentie 22  
FI-74200 Vieremä  
FINLAND  
Tel. +358 20 768 800  
www.ponsse.com

**Ponsse UK Ltd.**  
4 Annan Business Park  
Annan  
Dumfriesshire  
DG12 6TZ  
UNITED KINGDOM  
Tel. + 44 1461 207 510

**Ponsse Machines Ireland Ltd**  
Cappakeel, Emo  
Portlaoise  
R32NN28  
Laois  
IRELAND  
Tel. +353 57 863 3762

**Ponsse North America, Inc.**  
4400 International Lane  
Rhineland, WI 54501  
USA  
Tel. +1 715 369 4833  
Fax +1 715 369 4838

**PONSSE**

**A logger's best friend**  
[www.ponsse.com](http://www.ponsse.com)