



PONSSE

**RELIABLE
EFFICIENCY**

PONSSE H7EUCA

PONSSE H7euca is a new generation harvester head for debarking the trees during processing. The H7euca is based on long experience of the PONSSE harvester head family, the reliability and the excellent characteristics of the H7 harvester head and the experience of debarking requirements.

PONSSE H7euca



The PONSSE H7euca harvester head represents state-of-the-art technology in eucalyptus harvesting, featuring high efficiency and reliability. Easily adjustable and service-friendly H7euca harvester head is optimised for debarking. The delimiting knives and feed rollers guarantee good debarking results during the first feed. The PONSSE H7euca is suitable for use in both wheeled harvesters and tracked machines.

Productive and easy to use

The automatic control of the PONSSE H7euca harvester head ensures that the wood is always fed at maximum speed to the right length. This considerably speeds up the harvesting operation. Automatic debarking of the tree butt makes working easier and helps prevent operator fatigue.

The easy-to-use automatic features control the saw motion according to the tree diameter and blade position, and guarantee fast cutting. While it increases sawing efficiency, it also increases the service life of the blade and the chain. Saw control calibration is done simply by the push of a button. The tilt force and speed are based on its superb geometry. The motion is exceptionally smooth and soft, reducing the amount of strain directed to the harvester head. The PONSSE H7euca harvester head can be easily modified for harvesting softwood.

Durability and agility

The short and durable structure and excellent delimiting capacity of the harvester head guarantee high productivity even in difficult conditions. The excellent roller geometry gives strong grip with large stems but also enables effective feed down to the smallest tree top.

FEATURES THAT GUARANTEE POWER

- RELIABLE AND SIMPLE STRUCTURE
- OPTIMIZED FOR DEBARKING
- EXCELLENT GRIPPING GEOMETRY AND GOOD ADJUSTMENTS
- FAST AND POWERFUL FEEDING
- FAST AND ECONOMICAL SAWING
- AUTOMATIC BUTT DEBARKING FUNCTION

DIMENSIONS:

Weight (excl. rotator):	2,646 lbs (1,200 kg)
Length:	59.1 in (1,500 mm)
Width:	60.6 in (1 540 mm)
Height without rotator:	66.1 in (1 680 mm)
Power consumption:	130–140 kW
Operating pressure:	2.900–4.060 PSI (20–28 MPa)
Oil flow requirement:	53–66 gal/min (240–300 l/min)

SAW UNIT:

Hydraulic chain saw	
Cutting diameter:	25.2 in (640 mm)
Chain speed:	131 ft/s (40 m/s)
Chain:	0.404"

FEEDING UNIT:

Feed system:	3 rollers
Largest opening (feed rollers):	25 in (630 mm)
Largest opening (front/back blades):	24.4–28.7 in (620/730 mm)
Feed power:	25/30 kN
Feed speed:	19.7 ft/s (6 m/s)

DELIMITING UNIT:

Two stationary and four hydraulically actuated knives. Separately controlled delimiting knives and feed rollers.	
Proportional adjustment of rollers and knives	
Control system:	Opti2 or Opti4G

OPTIONAL EQUIPMENT

Plenty of optional equipment is available in addition to the comprehensive PONSSE H7euca 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.



Ponsse Plc
 Ponssentie 22
 FI-74200 Vieremä
 FINLAND
 Tel. +358 20 768 800
 Fax +358 20 768 8690

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

Ponsse UK Ltd.
 Unit 3, Broomhouses 1
 Industrial Estate
 Lockerbie,
 Dumfriesshire DG11 2RZ
 UNITED KINGDOM
 Tel. +44 1576 203 000
 Fax +44 1576 202 202

A logger's best friend

www.ponsse.com