

PONSSE



- 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

H7euca

**RELIABLE
EFFICIENCY**

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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.



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.

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.

The agility of PONSSE H7euca harvester head is due to the control functions of its delimiting blades and feed rollers. The blade and roller pressures can be adjusted freely according to the size of the trunk, which guarantees good debarking results, firm grip and unrivalled efficiency and productivity. The controlled feed acceleration and deceleration reduce feed damage and pressure peaks, and increase efficiency.

The PONSSE H7euca harvester head can be easily modified for harvesting softwood.

TECHNICAL SPECIFICATIONS

Weight (incl. rotator and hanger):	1250 kg
Length:	1500 mm
Height without rotator:	1680 mm
Width:	1540 mm
Power consumption:	90–130 kW
Operating pressure:	20–28 MPa (2.900–4.060 PSI)
Oil flow requirement:	240–300 l/min (53–66 gal/min)

SAW UNIT

Hydraulic chain saw	
Saw bar length:	750 mm
Cutting diameter:	640 mm
Chain speed:	40 m/s (131 ft/s)
Chain:	0.404 "

FEEDING UNIT

Feed system:	3 rollers
Largest opening (feed rollers):	630 mm
Largest opening (front/back blades):	620/730 mm
Feed power:	25/30 kN
Feed speed:	0–5,8 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

OPTIONS

Supermark color marking	
Excavator tilt frame	
Optional debarking knife kits	
- optimized for diameters 30–350 mm	
- optimized for diameters 30–250 mm	
Softwood kit (knives, rollers and length measuring device)	