



**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 feeding 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):	1 200 kg
Length:	1 500 mm
Width:	1 540 mm
Height without rotator:	1 680 mm
Power consumption:	130–140 kW
Operating pressure:	28 MPa
Oil flow requirement:	300 l/min

### SAW UNIT:

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

\* available optional saw box lights and saw chain grease lubrication

The manufacturer reserves the right to make technical changes and improvements.

### FEEDING UNIT:

Feeding system:	3 rollers
Largest opening (feed rollers):	630 mm
Largest opening (front/back blades):	620/730 mm
Feeding force:	25 kN
Feeding speed:	5-6 m/s
Feeding motors:	520/315 cc

### DELIMITING UNIT:

Two stationary and four hydraulically actuated knives. Separately controlled delimiting knives and feeding 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.

