

The PONSSE logo is displayed in a yellow, segmented font at the top center of the image. The background is a dark, atmospheric photograph of a logging site at night or in low light. A yellow PONSSE skidder is visible on the right, and a large stack of cut logs is in the foreground. The scene is illuminated by the machine's headlights, creating a misty or foggy atmosphere.

PONSSE

TECHNICAL DATA

Technical data, H7

Weight, min. (without rotator)	1150 kg
Length	1500 mm
Height w/o rotator.	1680 mm
Width	1540 mm
Power consumption	130-140 kW
Operating pressure	28 Mpa
Oil flow requirement	300 l/min
Rotator	AV14/ AV17/H182 indexator or RH3016 Black bruin
Measuring and control automatics:	Ponsse Opti4G

Saw unit:	Hydraulic chain saw
Saw motor	30/32 cc
Power	45 kW
Saw bar length	750 (820/900 optional saw box) mm
Chain speed	40 m/s
Chain pitch	0.404 "
Cutting diameter	640 (720/800 optional saw box) mm

Feeding unit:	
Feeding type	3 rollers
Feeding motors	620/400 cc
Feeding force	30 kN
Feeding speed	0 – 5 m/s
Max. opening	650 mm

Optimum tree range diameter **45mm – 500mm**

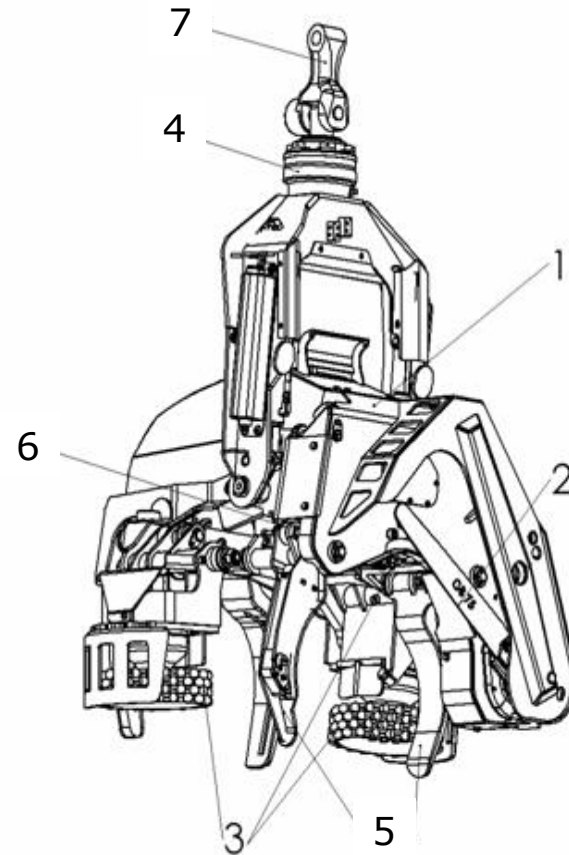
Delimiting unit: One bolted and adjustable (2cm) + 4 movable knives (+ 1 fixed rear knife)

Max. opening, front/rear 640/750 mm

Delimiting knives and feed rollers separately controllable, adjustable pressure for knives and rollers

Technical data, H7 main components

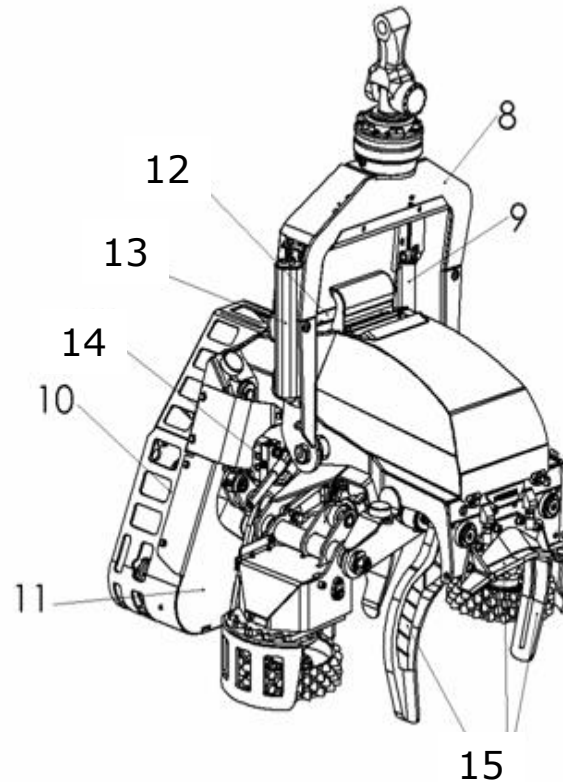
Main components



1. Lubrication oil tank
2. Saw blade
3. Feeding rollers
4. Rotator
5. Rear delimiting knives
6. Rear delimiting knives cylinder
7. Link

Technical data, H7 main components

Main components



- 8. Tilt frame
- 9. Tilt cylinder
- 10. Saw cylinder
- 11. Saw motor
- 12. Manufacturing number
- 13. Color tank
- 14. Feeding motors
- 15. Front delimiting knives

H7 options

- Saw box size 75cm or 90cm
- Saw motor: parker or bucher
- Feed roller options
- Processing knives
- Saw chain grease lubrication
- Rotator: Indexator / black bruin
- Stump treatment
- Color marking (Ponsse or SuperMark),
- Saw box lights
- Find-end sensor
- Opti control systems & GPS
- Heavy-duty tilt frame
- Connection hoses and rotating swivel connectors
- Measuring wheel hydraulic intake
- ORFS hydraulic fitting
- Ponsse Caliper3 electronic calipers

Comparison

	PONSSE H7	JD H415	Komatsu S132/ Logmax 6000B	Komatsu C124
Weight (starting)	From 1150 kg	from 1330 kg >	From 1364 kg	From 1225 kg
Width (opened)	1540 mm	1720 mm	1689 mm	1750 mm
Lenth	1500 mm	1330 mm	N/A	1595 mm
Saw unit:				
Saw motor	30/32 cc	19 cc	19 cc	19 cc
Saw bar length	750 (opt.820/900) mm	750-900 mm	750 / 825 mm	750 / 825 mm
Cutting diam. Max	640 (opt.720/800) mm	750 mm	720 mm	650 mm
Feeding unit:				
	3 rollers	4 rollers	2 rollers	4 rollers
Feeding power	30 kN	25-42 kN MS	31,1 kN	28,3 kN
Feeding speed	0-5 m/s	2,9->7 m/s MS	0 – 5 m/s	0 – 5 m/s
Delimiting unit:				
	2 fixed, 4 movable	2 fixed, 4 movable	4 movable	1 fixed, 4 movable
Max. opening (front/rollers/rear)	640 / 650 / 750 mm	680 / 680 / 730 mm	641 / 625 / 690 mm	625 / 650 / 700 mm

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PONSSE

The title 'ATTACHMENT INSTALLATION DATA' is centered in a large, white, bold, sans-serif font. It is flanked by two horizontal yellow lines, one above and one below the text.

ATTACHMENT INSTALLATION DATA

Base machine recommendations

Harvester head model	Working pressure min / max. MPa	min / max flow L / min.	Recommended engine power KW	Recommended crane lifting capacity* kg	Harvester head min / max weight** kg	Recommended base machine weight kg
H5	28	160 - 235	≥ 70	≥ 1100	960 - 1040	10 000 - 13 000
H6	28	210 - 280	≥ 80	≥ 1250	1070 - 1165	13 000 - 16 000
H7	28	240 - 320	≥ 90	≥ 1450	1230 - 1350	16 000 - 22 000
H7HD	28	240 - 320	≥ 90	≥ 1500	1330 - 1450	20 000 - 25 000
H7euca	28	230 - 280	≥ 90	≥ 1450	1310 - 1390	20 000 - 25 000
H77, 670cc	28	260 - 320	≥ 90	≥ 1500	1300 - 1450	20 000 - 25 000
H77, 780cc	28	260 - 330	≥ 90	≥ 1500	1300 - 1450	20 000 - 25 000
H8HD, 750cc	28 - 31	260 - 330	≥ 120	≥ 1500	1340 - 1450	22 000 - 30 000
H8, 620cc	28 - 31	260 - 330	≥ 120	≥ 1500	1340 - 1450	22 000 - 30 000
H10, 1250cc	28 - 31	300 - 350	≥ 150	≥ 3100	2700 - 3000	28 000 - 40 000
H10, 940cc	28 - 31	300 - 340	≥ 150	≥ 3100	2700 - 3000	28 000 - 40 000

*Crane maximum reach crane lifting capacity.

**Max. weight = kg with rotator and connection hoses and extra equipments.