

The image shows a logging operation in a forest. A yellow and black PONSSE harvester is positioned in the center, holding a log. To the right, a yellow and black PONSSE skidder is visible. In the foreground, there is a large stack of cut logs. The background consists of tall trees in a forest. The PONSSE logo is displayed in a yellow box at the top center. The text 'TECHNICAL DATA' is centered in white, flanked by two horizontal yellow lines.

PONSSE

TECHNICAL DATA

Technical data, H5

Weight, min. (without rotator)	900 kg
Length	1335 mm
Height w/o rotator.	1350 mm
Width	1240 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 mm
Chain speed	40 m/s
Chain pitch	0.404 "
Cutting diameter	640 mm

Feeding unit:	
Feeding type	3 rollers
Feeding motors	325/250 cc
Feeding force	19 kN
Feeding speed	0 – 6 m/s
Max. opening	530 mm

Optimum tree range diameter 45mm – 400mm

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

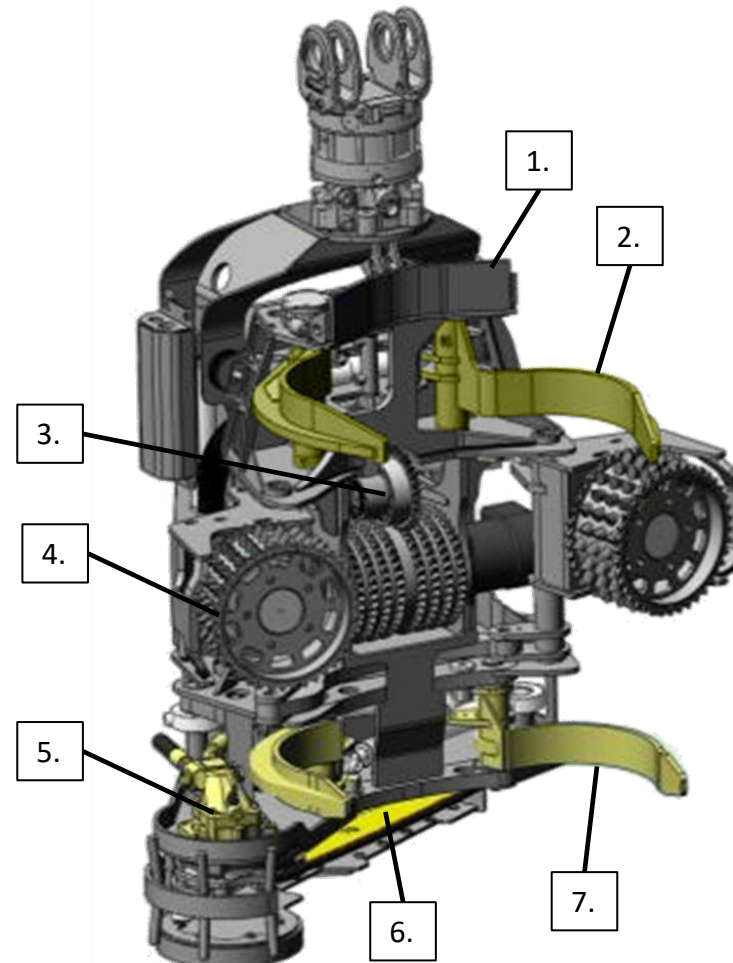
Max. opening, front/rear 550/600 mm

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

Technical data, H5 main components

Main components

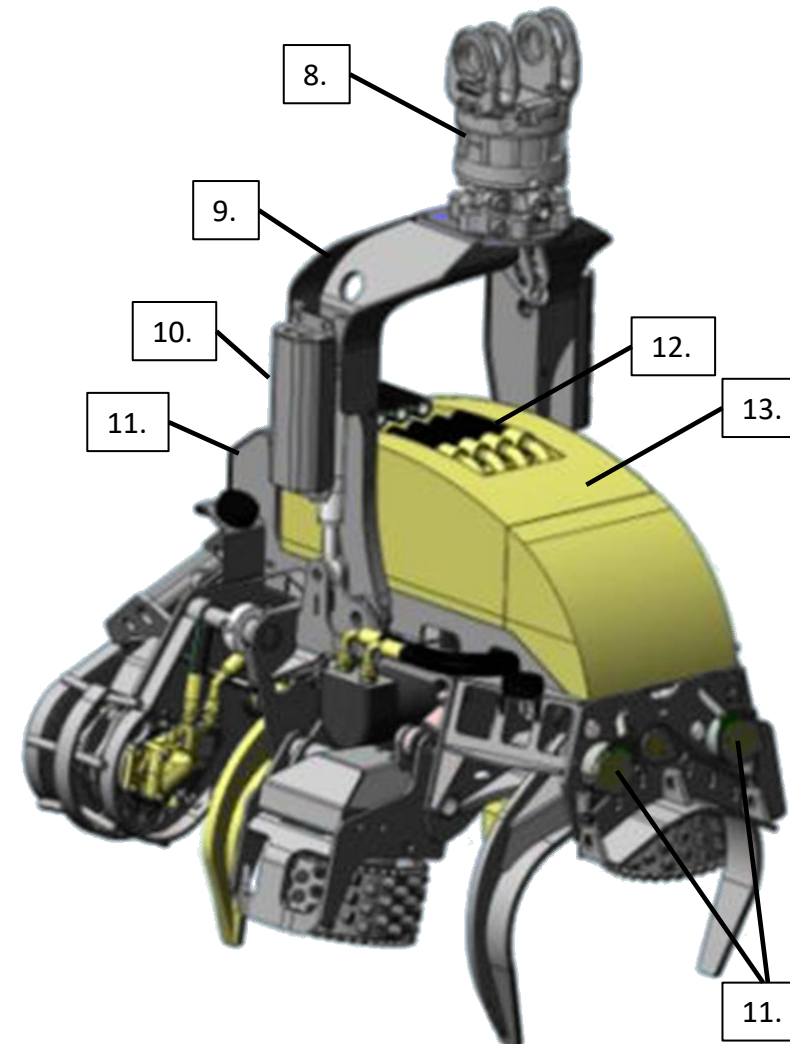
1. Solid front delimiting blade
2. Front delimiting blades
3. Measuring wheel
4. Feeding rollers
5. Saw motor
6. Saw bar
7. Rear delimiting blades



Technical data, H5 main components

Main components

- 8. Rotator
- 9. Tilt frame
- 10. Color marking tank
- 11. Chain oil tank
- 12. Connection hoses
- 13. Valve block cover
- 14. Diameter sensors / blade measuring



H5 options

- Saw motor: parker or bucher
- Feed roller options
- Saw chain grease lubrication
- Rotator: Indexator / black bruin
- Stump treatment
- Color marking (Ponsse or SuperMark),
- Saw box lights
- Opti control systems & GPS
- Connection hoses and rotating swivel connectors
- ORFS hydraulic fitting
- Ponsse Caliper3 electronic calipers

Comparison

	PONSSE H5	JD H413	Logmax 4000T	Komatsu C93
Weight (starting)	From 900 kg	From 940 kg	From 777 kg	From 976 kg
Width (opened)	1240 mm	1450 mm	1185 mm	1420 mm
Lenth	1335 mm	NA	N/A	1347 mm
Saw unit:				
Saw motor	30/32 cc	19 cc	19 cc	19 cc
Saw bar length	750 mm	750 mm	670 mm	750 mm
Cutting diam. Max	640 mm	580 mm	580mm	600 mm
Feeding unit:	3 rollers	4 rollers	2 rollers	3 rollers
Feeding power	19 kN	19-23 kN	20,3 kN	20.1 / 25,3 kN
Feeding speed	0-6 m/s	0-5,6m/s	0 – 5m/s	0 – 5 m/s
Delimiting unit:	2 fixed, 4 movable	2 fixed, 4 movable	4 movable (one is front knife)	1 fixed, 3 movable
Max. opening (front/rollers/rear)	550 / 530 / 600 mm	560/ 560 / 570 mm	517 / 460 / NA mm	600 / 550 / 700 mm

The PONSSE logo is positioned at the top center of the page. It consists of the word "PONSSE" in a bold, black, sans-serif font, with each letter contained within a separate yellow square. The background of the entire page is a dark, atmospheric photograph of a logging site at night or in low light. A yellow PONSSE skid steer loader is visible on the right side, and a large stack of cut logs is in the foreground. The scene is illuminated by the machine's headlights, creating a misty and industrial atmosphere.

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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.