

PONSSE



**ECONOMICAL
AND EFFICIENT**

PONSSE BEAVER



SMALLER SIZE CATEGORY GENERAL HARVESTER A REAL POWER HOUSE

The multipurpose PONSSE Beaver is excellent for harvesting from first thinning to regeneration felling.

PONSSE Beaver is based on simple and robust solutions, many of which are familiar from PONSSE harvesters in larger size categories. The most powerful hydraulic capacity in its size category, reliable Ponsse cranes and efficient harvester heads make up for an entity that is not shadowed even by its larger counterparts.

Beaver's chassis structure is based on a short wheelbase and free-floating portal axle. Combined, they result in an agile

all-terrain solution for the demanding conditions of first thinnings. Thanks to the extendable crane, a low centre of gravity and long reach, Beaver is stable in all conditions.

Beaver is available with a PONSSE C22 parallel crane or PONSSE C2 sliding boom crane, depending on the conditions and what the operators are used to. The available harvester heads are PONSSE H5 and H6.





CRANES FOR YOUR NEEDS

The **PONSSE C22** parallel crane is economical and extremely easy to use. The low centre of gravity, functional geometry and the exceptional performance of the hydraulic tilt movement enhance the machine's stability and result in substantially lower rates of fuel consumption. The C22 crane is specifically designed for thinning.

The **PONSSE C2** sliding boom crane provides durability and speed in harvesting. The C2 crane is delivered with an external or built-in hydraulic hose set. The crane boom head also allows the use of a multi-plate swing damper at the top of the hanger. This makes handling the harvester head quicker and more controlled.

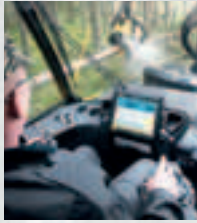


WITH PONSSE ACCURACY

All Ponsse crane models are designed and manufactured in-house so that the quality and functionality of the crane/basic machine combination will match the requirements of the operator and Ponsse.

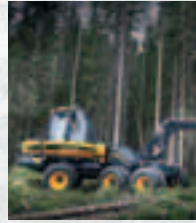
PONSSE BEAVER

ACCURATE AND ECONOMICAL



CABIN AND CONTROL SYSTEM

Forest work is a joy in the most spacious and comfortable cabin on the market. With top-class ergonomics, the controls make working even more accurate. The control of the machine and work is crowned by the easy-to-use, advanced PONSSE Opti information system.



FRAME STRUCTURE

With the free-floating portal front axle, Beaver's ground clearance is high without increasing the total height of the machine. The low centre of gravity, sturdy frame joint and swing axle that can be locked freely with hydraulic cylinders during work make Beaver a stable machine.



ENGINE AND HYDRAULICS

Beaver's power stems from the high torque of the Mercedes-Benz engine and large 190 cm³ working pump. They allow for the best possible efficiency and utilisation ratio – impressive power with low fuel consumption.



AGILITY

The turning radius of the agile and compact Beaver is only 20 feet long. With the far-reaching crane, Beaver moves around smoothly even in the tightest places.





HARVESTER HEADS

Ponsse harvester heads are known for their high efficiency/weight ratios and robust structure, which are second to none. The best harvester heads on the market are available for Beaver: the small and spunky H5 is good for work focused on thinning, whereas the light and efficient H6 proves its worth at more sizable logging sites.



CRANE

It's the operator's working methods and habits that determine the right choice of crane. Beaver can be fitted with either the economical and easy-to-use C22 parallel crane or the durable and fast C2 sliding boom crane.





A FIVE-STAR WORKSTATION

The cabin of a PONSSE forest machine offers a cross-section of the latest forest machine technology. It provides a working environment for skilled professionals who value comfort, safety and ergonomics. The ergonomics of the control devices represent the cutting edge of forest machines and, thanks to the large cabin, wide windows and thin window pillars, the visibility from the cabin is excellent in all directions.

The new PONSSE Comfort forest machine user interface was developed in cooperation with operators and is based on years of experience. Among other features, it is equipped with new control handles, armrests with switches and a cabin switch panel. The development work included an in-depth analysis of operator's ergonomics, habits and wishes. This analysis formed the basis for taking operator ergonomics to a whole new level. Ball or mini handles are still an available option to this new Ponsse Comfort control handles.

PONSSE BEAVER

DIMENSIONS

Length:	278.4 in (7,070 mm)
Width:	104.3–115.4 in (2,650–2,930 mm)
Transportation height (max):	140.6 in (3,570 mm)
Minimum weight:	32,849 lbs (14,900 kg)
Typical weight:	37,699 lbs (17,100 kg)
Ground clearance:	25.2 in (640 mm)

ENGINE

Model:	Mercedes-Benz OM 904 LA EUROMOT IIIA / EPA TIER 3A
Power:	129 kW (175 hp)
Torque:	675 Nm (1,200–1,600 rpm)
Tractive force:	29,225 lbf (130 kN)
Fuel tank volume:	72.6 gal UK (330 l)

TIRES

Front and Rear	600/55-26.5" or 710/45-26.5"
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HYDRAULIC SYSTEM

PONSSE OptiControl	
Working pump:	11.6 cu in (190 cm ³) / 23.5 MPa
Hydraulic oil tank volume:	44 gal UK (200 l)

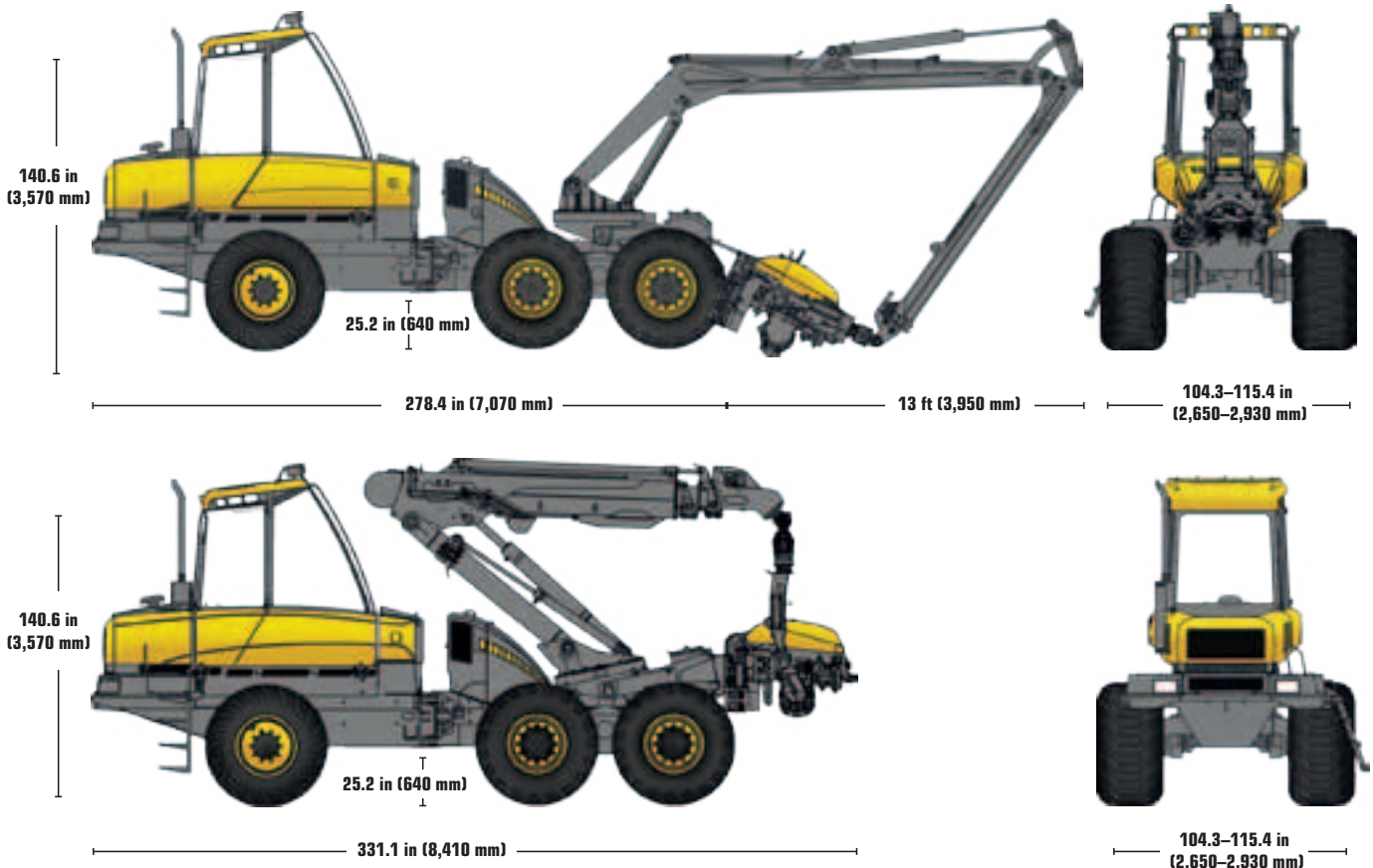
CRANE

Model:	PONSSE C2 PONSSE C22
Reach:	33/33.8/36.1 ft (10/10.3/11 m)
Lifting torque:	PONSSE C2 208 kNm, PONSSE C22 190 kNm
Slewing torque:	PONSSE C2 38 kNm, PONSSE C22 38 kNm
Turning angle:	280°
Base tilt angle:	-12°/+18°

HARVESTER HEAD

Model:	PONSSE H5 PONSSE H6
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Plenty of optional equipment is available in addition to the comprehensive PONSSE Beaver 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.

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A logger's best friend

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