

***A SPECIALIST IN
HEAVY-DUTY
HARVESTING***

BEAR

PONSSE





PONSSE BEAR

A SPECIALIST IN HEAVY-DUTY HARVESTING

The most powerful engine, the sturdiest crane, two large work pumps, large harvester head, incredible production in dense forests and refined ergonomics: these are what the PONSSE Bear is made of. The Bear is extremely powerful, with state-of-the-art ergonomics. Despite its incredible power, the Bear is highly economical. High fuel economy, long service intervals and speedy maintenance makes the Bear an affordable tool with low lifecycle costs which endures hard work, tirelessly, year after year.

PONSSE BEAR

is the largest harvester in the model series, an agile giant, for large trees and stands. Raw power, combined with advanced modern technology and operator-based ergonomics, makes the Bear a productive harvester, which feels at home in challenging conditions and large stands.

CABIN AND CONTROL SYSTEM

The most spacious and comfortable cabin and the most ergonomic controls in the market guarantee the best working comfort. The PONSSE Opti information system is an advanced and easy-to-use interface for machine and work management.

ENGINE AND HYDRAULICS

Two large 190 cm³ work pumps, together with the strong and mighty Mercedes-Benz/MTU engine, offer the best hydraulic power that never runs out.

FRAME STRUCTURES AND FRAME OSCILLATION LOCK

The design of the Bear frame focuses particularly on durability and ease of maintenance. The reliable frame oscillation lock with hydraulic cylinders, is solid and acts as a shock absorber when driving.

EIGHT WHEELS

With its eight wheels, the Bear is very stable on slopes and in uneven terrain. The low surface pressure, relative to the machine's size, enables the Ponsse Bear to still be efficient in softer conditions.



CRANE

Choose from either the super-strong C6 sliding boom crane or the C55 parallel crane.

HARVESTER HEADS

PONSSE harvester heads are known for their high efficiency/weight ratios and strong structure, which are second to none. Options include the powerful H7 and H8 for clear cutting.



CABIN

WORKPLACE WITH A VIEW

The Bear has no obstacles to productivity in sight.

The PONSSE Bear cabin is your vantage point to the latest in forest machine technology. It is a work environment for professionals who value comfort, safety and ergonomics.

The control devices are the best you will find in forest machines in terms of their ergonomics. The large cabin, expansive windows and thin window pillars ensure excellent visibility in all directions.

On request, the cabin can also be equipped with the best forest machine seat in the world, PONSSE Seat.



PONSSE SEAT

UNBEATABLE COMFORT

THE ONLY SEAT ON THE MARKET SPECIALLY DESIGNED FOR FOREST MACHINE DRIVERS.

COMFORT ABOVE ALL ELSE.

The breathable fabric and ergonomic seat supports, guarantee improved working comfort.

DURABLE AND EASILY MAINTAINABLE FABRIC.

The new seat fabric is five times more durable than before. In addition to this, the dirt repellent surface makes cleaning more effortless than ever before.



DURABLE AND STABLE BASE.

The reinforced base and suspension provide the seat with superior durability and stability. This, combined with the increased driver weight capacity (210 kg), ensures that the new seat dampens swinging motions and vibrations more efficiently than previous models.

EASY ACCESS TO SEAT CONTROLS AND BASE.

All adjustment controls are conveniently located at the front of the seat cushion. The base can also be accessed easily by removing the cushion.



**ACTIVE
CARE**

**LESS SERVICE,
MORE OPERATION**

The technology and hydraulics offer longer service intervals, increasing effective operating hours and reducing operating costs. Easy access to important components speeds up maintenance. In all PONSSE models special attention has been put into the positioning of components and service points, as well as the ease of maintenance, as requested by our customers.

**ENSURE MAXIMUM
PRODUCTIVITY
PONSSE**

Active Care service agreements offer the best possible service for forest machine entrepreneurs. You can focus on your logging, while Ponsse will make sure that the machine will maintain its performance and productivity from one logging site to the next. With the PONSSE Active Care service agreement, you can outsource the scheduled maintenance of your forest machine to Ponsse. Machines are maintained regularly by our professionals using only high-quality and original PONSSE parts, lubricants and filters to keep the machines in good operating condition to retain its value.



MERCEDES-BENZ ENGINES

CLEANER AND MORE EFFICIENT

Explosive power and increased torque. Lower emission level and fuel consumption.

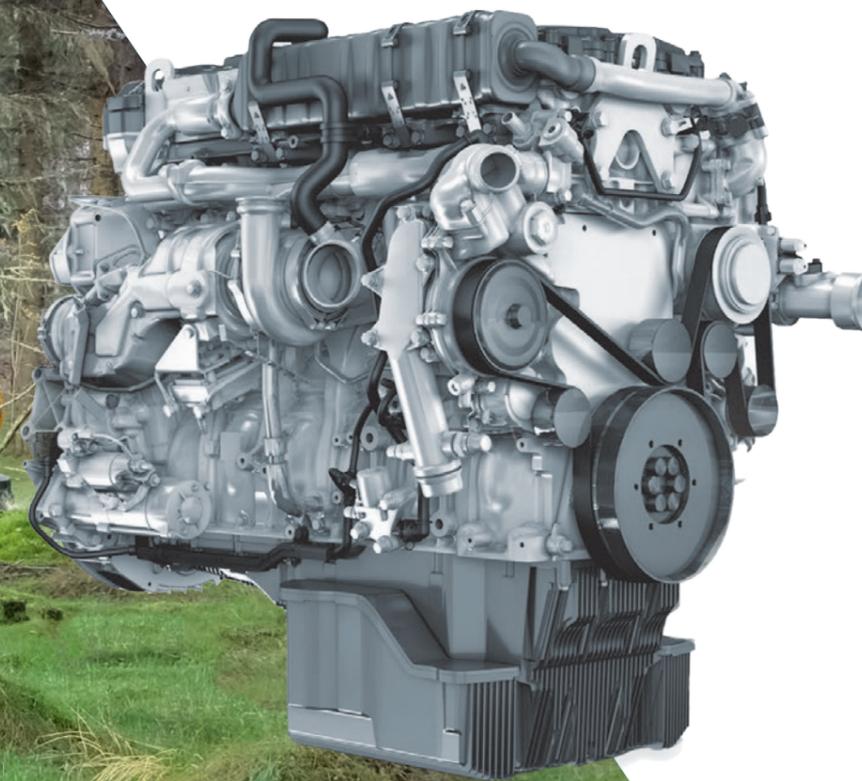
The new Mercedes-Benz/MTU STAGE V emission engines are efficient and economical.

The torque has been increased, and maximum torque can be reached at lower engine speeds.

The Mercedes-Benz/MTU STAGE V emission engines are modern, low-emission engines with significantly lower particulate matter (PM) and nitrogen oxide (NOx) emissions compared to engines of the previous emission levels (STAGE III and IV).

In addition to particulate matter, the STAGE V engines also now control particulate volume with a particulate filter (DPF).

Outside Europe a Tier 4F or Stage III level Mercedes-Benz engines are used depending on market specific emission requirements.



Our goal is to manufacture the most productive and economical forest machines on the market. We call this the PONSSE Boost/Save operating model.

At Ponsse, we have always put the customers first.

For decades now, we have been developing the world's best cut-to-length forest machines as well as related services and information systems. The users of the machines are the best specialists in their field, and we closely listen to their feedback. Together, we have managed to continue increasing the productivity and efficiency of harvesting and reduce the costs. This has been the result of long-term collaboration. However, we want to serve our customers even better.

Boost./Save means even more efficient products and better services for our customers. It means efficient and productive machines, agile product development, thorough training, comprehensive maintenance, original spare parts and the most modern information systems in the field.

Boost./Save means efficient and productive harvesting!

PONSSE BOOST/SAVE ***POWER AND SAVINGS***



PONSSE MANAGER ***REAL-TIME MANAGEMENT***

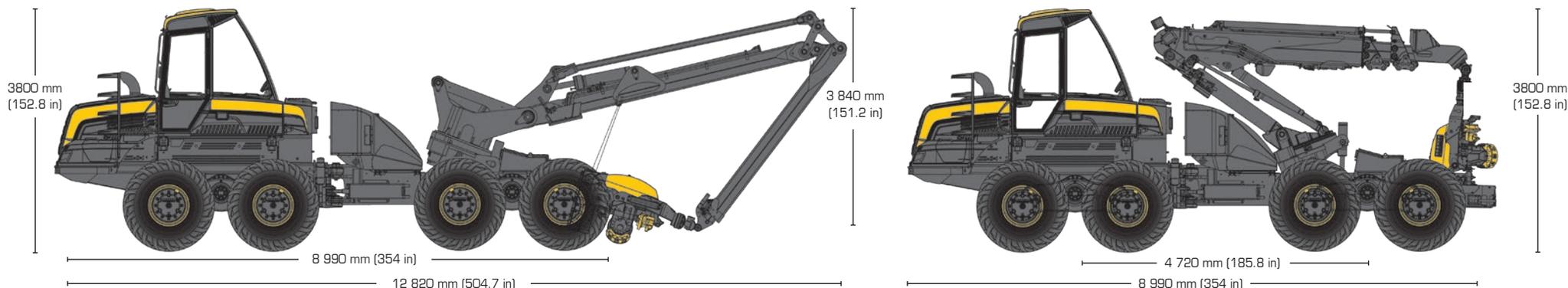
PONSSE Manager connects forest machines to an information network.

PONSSE Manager, the modern digitalization platform for forest machines, enables comprehensive services now and in the future. The easy-to-use tool offers assistance in harvesting equipment maintenance and work planning, along with providing access to functional and extensive reporting.

PONSSE Manager provides real-time information on equipment performance and work site status. The solution can be easily used via a smartphone, tablet or computer.



PONSSE BEAR



DIMENSIONS

Length:	8 990 mm (354 in)
Width:	2 990-3 130 mm (117.7–123 in)
Transportation height:	3 880 mm (152.8 in)
Weight:	23 800 kg (52,470 lbs)
Typical weight:	24 500 kg (54,013 lbs)
Ground clearance:	700 mm (27.6 in)

ENGINE

Model:	Mercedes-Benz/MTU OM936 LA Stage V or Tier4 MB OM926 LA EU Stage IIIA
Power:	Stage V and Tier 4F: 260 kW (354 hp) Stage IIIA: 240 kW (322 hp)
Torque:	Stage V and Tier 4F: 1 450 Nm (1 200–1 600 rpm) Stage IIIA: 1 300 Nm (1 200–1 500 rpm)
Tractive force:	230 kN (51,706 lbf)
Fuel tank volume:	400 l (105.6 gal US)

TIRES

Front:	650/65-26,5" or 750/55-26,5"
Rear:	600/55-26,5"; 710/45-26,5" or 800-40-26,5"

HYDRAULIC SYSTEM

Control system:	PONSSE OptiControl
Harvester head pump:	190 cm ³ (11.6 cu in)
Crane pump:	190 cm ³ (11.6 cu in)
Hydraulic oil tank volume:	290 l (76.6 gal US)

CRANE

	C55	C6
Lifting moment:	255 kNm	310 kNm
Slewing torque:	67 kNm	67 kNm
Turning angle:	250°	250°
Crane tilt angle:	±20°	±20°
Reach:	9.5/11 m (31/36 ft)	8.6/10 m (28/33 ft)

HARVESTER HEAD

Model:	PONSSE H7 PONSSE H7 HD PONSSE H8 PONSSE H8 HD PONSSE H8 Top Saw
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In addition to the comprehensive standard equipment, plenty of optional equipment is available for the PONSSE Bear. Consult your nearest PONSSE retailer for more information on our standard and optional equipment.



Ponsse Plc
Ponssentie 22
FI-74200 Vieremä
FINLAND
Tel. +358 20 768 800
www.ponsse.com

Ponsse UK Ltd.
4 Annan Business Park
Annan
Dumfriesshire
DG12 6TZ
UNITED KINGDOM
Tel. + 44 1461 207 510

Ponsse Machines Ireland Ltd
Cappakeel, Emo
Portlaoise
R32NN28
Laois
IRELAND
Tel. +353 57 863 3762

Ponsse North America, Inc.
4400 International Lane
Rhineland, WI 54501
USA
Tel. +1 715 369 4833
Fax +1 715 369 4838



A logger's best friend
www.ponsse.com