

***A STABLE AND  
ERGONOMIC  
POWERHOUSE***

**ERGO**

**PONSSE**







**PONSSE ERGO**

# ***A STABLE FAVORITE***

## **A CONQUEROR OF STEEP SLOPES AND DIFFICULT TERRAIN**

Despite its young age, the PONSSE Ergo is already a true classic. After all, it is the globally best-selling PONSSE machine. It has gained its reputation from thinning and regeneration felling sites around the world, by being reliable and dependable. Even though conditions range from the Siberian cold to South American heat, production must be high every day, and in all seasons. Our customers cannot afford to choose a forest machine they cannot fully trust. This is why their choice is a PONSSE forest machine and specifically Ergo, an excellent all-around harvester.



# PONSSE ERGO

is a stable machine thanks to its low centre of mass and balanced structure, particularly on steep slopes and in uneven terrain. The crane is located on the back bogie, providing an excellent balance between the front and rear frames. Any stress directed at the operator remains low, as the cabin stays stable, regardless of the tree size.

## 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.

## CRANE

Choose the PONSSE C44+ parallel crane or the PONSSE C5 sliding boom crane. The tilt angle of the crane base is  $\pm 20^\circ$  as standard, resulting in smooth working and making the crane power available even on the steepest slopes. The powerful and accurate two-engine slewing is a standard feature in both crane options.

## ENGINE AND HYDRAULICS

The powerful engine and double-circuit hydraulics produce more than enough power, both in harvesting and transmission. The power, torque and fuel economy of the Mercedes-Benz / MTU engine are better than ever. The advanced transmission offers excellent handling and machine control – especially in uneven terrain and on steep slopes.

## FRAME STRUCTURES AND FRAME OSCILLATION LOCK

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

## HARVESTER HEADS

PONSSE harvester heads are known for their high efficiency/weight ratios and strong structure, which are second to none. A broad harvester head range is available for the Ergo: choose H6 for thinning-based harvesting or H7 or the sturdy H8 for regeneration felling. H7 Euca and H77 Euca are efficient when harvesting eucalyptus.



H6

H7

H7 Euca

H77 Euca

H8



## CABIN

# WORKPLACE WITH A VIEW

THE ERGO HAS NO OBSTACLES TO PRODUCTIVITY IN SIGHT.

The PONSSE Ergo 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 decreases 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 removable cushion gives easy access to the seat base for maintenance.





**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.*



**EXTREME COMFORT IN ALL TERRAINS**

# ***TOP PRODUCTIVITY HOUR AFTER HOUR***

**Unparalleled comfort and first-rate control.**

**Active Frame helps the driver keep alert and productive.**

PONSSE Ergo Active Frame features durable frame structures. Easy maintenance has been taken into account in the positioning of the components and maintenance targets. In addition to this, the machine's extremely long maintenance intervals increase effective operating hours and reduce maintenance costs.

Even in rough terrains, excellent operator comfort and machine handling are maintained. Ponsse's proprietary Active Frame cabin suspension system ensures that lateral swings affecting the driver are eliminated in an efficient and unnoticeable manner.

The structurally simple yet effective system ensures an exceptionally comfortable working environment. The driver's body is subjected to significantly less stress than ever before. The Active Frame system helps the driver keep alert and productive for hours on end, even in rough terrain.



**PONSSE MANAGER**

# ***REAL-TIME MANAGEMENT***

**PONSSE Manager connects forest machines to an information network.**

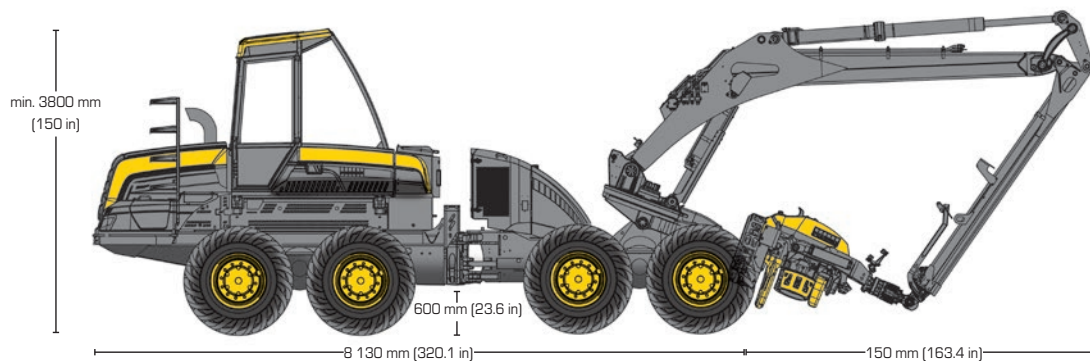
PONSSE Manager, the modern digitalisation platform for forest machines, enables comprehensive services now and in the future. The easy-to-use tool offers assistance in harvesting equipment maintenance and work planning, along with providing access to extensive reporting.

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

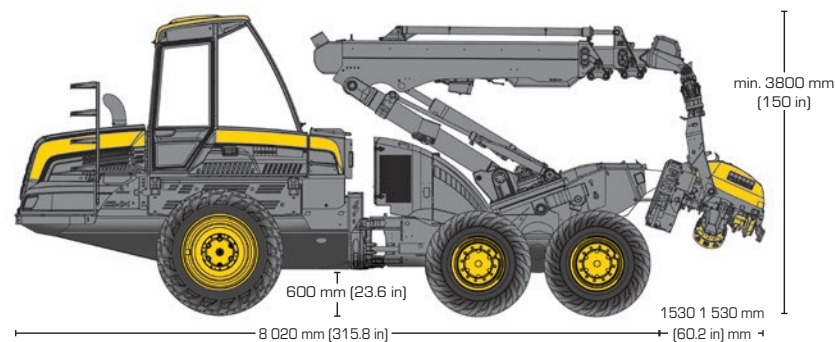




## PONSSE ERGO 8W



## PONSSE ERGO 6W



| DIMENSIONS                    | 8W                               | 6W                             |
|-------------------------------|----------------------------------|--------------------------------|
| Length:                       | 8130 mm (320 in)                 | 8020 mm (316 in)               |
| Width:                        | 2 630–3 085 mm<br>(103.5–121 in) | 2 670–3 085 mm<br>(105–121 in) |
| Transportation height (min.): | 3800 mm (150 in)                 | 3800 mm (150 in)               |
| Control system:               | 20500 kg (45,194 lbs)            | 19000 kg (41,887 lbs)          |
| Typical weight:               | 21500 kg (47,399 lbs)            | 20000 kg (44,092 lbs)          |
| Ground clearance:             | 600 mm (23.6 in)                 | 600 mm (23.6 in)               |

| ENGINE            |   |                     |
|-------------------|---|---------------------|
| Model:            | MB OM936LA EU Stage V/Tier 4 Final or<br>MB OM906 LA EU Stage IIIA                  |                     |
| Power:            | Stage V and Tier 4F: 210 kW (286 hp)<br>Stage IIIA: 205 kW (275 hp)                 |                     |
| Torque:           | 1 200 -1 600 rpm<br>(Stage V: 1 200 Nm, Tier 4F: 1 150 Nm,<br>Stage IIIA: 1 100 Nm) |                     |
| Tractive force:   | 195 kN (43,838 lbf)   | 160 kN (35,969 lbf) |
| Fuel tank volume: | 380 l (100 gal US)  |                     |

| TIRES           | 8W    | 6W          |
|-----------------|-------|-------------|
| Front and rear: | 26,5" | 34" / 26,5" |

| HYDRAULIC SYSTEM           |                                  |  |
|----------------------------|----------------------------------|--|
| Control system:            | PONSSE OptiControl               |  |
| Harvester head pump:       | 190 cm <sup>3</sup> (11.6 cu in) |  |
| Crane pump:                | 145 cm <sup>3</sup> (8.8 cu in)  |  |
| Hydraulic oil tank volume: | 290 l (76.6 gal US)              |  |

| CRANE                   | C44+                             | C5                              |
|-------------------------|----------------------------------|---------------------------------|
| Slewing torque (gross): | 57 kNm                           | 57 kNm                          |
| Crane tilt angle:       | ±20°                             | ±20°                            |
| Turning angle:          | 250°                             | 250°                            |
| Lifting moment (gross): | 250 kNm                          | 248 kNm                         |
| Reach:                  | 8,6/10/11 m<br>(28.2/32.8/36 ft) | 8,6/9,5/10<br>(28.2/31/32.8 ft) |

| HARVESTER HEAD |                |                 |
|----------------|----------------|-----------------|
| Model:         | PONSSE H6      | PONSSE H7       |
|                | PONSSE H7 Euca | PONSSE H77 Euca |
|                | PONSSE H8      |                 |

In addition to the comprehensive standard equipment, plenty of optional equipment is available for the PONSSE Ergo. Consult your nearest PONSSE retailer for more information on our standard and optional equipment.



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