

**PONSSE**



**THE KING-SIZE CARRIER  
OF HEAVY LOADS**



**PONSSE BUFFALOKING**

# TAKE FULL ADVANTAGE OF THE KING SIZE PERFORMANCE

PONSSE BuffaloKing provides its operator with a powerful Ponsse K100+ loader, large carrying capacity, powerful Mercedes-Benz engine and a strong frame. With a carrying capacity of 18 tonnes (39,683 lbs), this machine was designed to be reliable and powerful with the minimum additional weight.

PONSSE BuffaloKing's frame structure is very rigid, and components and service points have been positioned considering the ease of serviceability. Extremely long service intervals increase effective operating hours and reduce maintenance costs.

As with all other PONSSE forwarders, the hydraulic capacity of PONSSE BuffaloKing has no comparison in this size class. Combined with the powerful K100+ loader and intelligent



**POWER AND PRECISION** BuffaloKing's strong hydraulics and precise loader control enable easy and secure loading operation.

OptiControl control system, it provides utmost efficiency and cost-effectiveness along its entire maximum reach of 9.5 m (31.2 ft).

The new cabin offers plenty of storage space, the most ergonomic controls available in the market and excellent visibility.

#### PONSSE MANAGER

PONSSE Manager allows you to easily monitor and control your company's daily operations. The comprehensive and user-friendly tool helps in maintaining your harvester fleet and increases the efficiency of work planning and reporting. PONSSE Manager provides you with real-time, comprehensive data on your fleet – both performance and sites. Manager can be used conveniently on a smartphone, tablet or PC. Forest machines equipped with data transfer and GPS transmit the data automatically to an Internet-based reporting service.



EVERY DETAIL DESIGNED FOR

# GUARANTEED POWER AND COMFORT



## ACTIVE CRANE

PONSSE Active Crane is a new crane control system, where the direction and speed of the boom tip is controlled instead of individual movements of the crane. It's enough for the operator to give the grapple a desired direction, and the automation controls lifting, luffing and extension automatically.



## ERGONOMICS

Ergonomics and ease of use are important factors when it comes to productivity. The completely new cabin offers plenty of storage space, the most ergonomic controls available in the market and excellent visibility which is characteristic of all PONSSE forest machines.



## FRAMES

A simple and strong frame structure. In addition to reliability, the functional positioning and serviceability of components are typical characteristics of the structure.



## ENGINE

A powerful Mercedes-Benz engine with high torque has low emissions and fast response!



## LOADER

Maneuvering the powerful PONSSE K100+ loader is easy and effective. Loader reach is 7,8 or 9,5 meters (26/31 feet).



## SERVICEABILITY

Ease of maintenance can be achieved through an improved positioning of service points, service lights and safe service platforms.



## TRANSMISSION

The upgraded transmission offers more practical tractive force and an even better feel in all types of terrain.

# 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 a special attention has been put into positioning

of components and service points, as well as the ease of maintenance, as requested by our customers.



**SERVICE LIGHTS**  
Service lights are located in the bumper casings and under the cabin and engine cover.



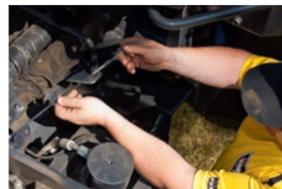
**EASY ACCESSIBILITY**  
Batteries, Webasto heating systems, the central lubrication unit, electrical centre, pneumatic connectors and measuring points are easily accessible under opening bumper casings.



**STORAGE SPACE FOR ACCESSORIES**  
The machine provides plenty of storage space for tools and accessories in various locations.



**CLARITY FOR MAINTENANCE**  
Machine designs have been clarified and machine models standardised. In addition, an owner's manual and a service book are always delivered with the machine.



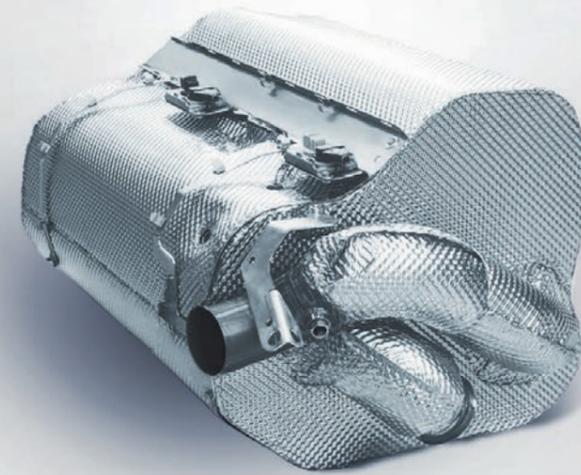
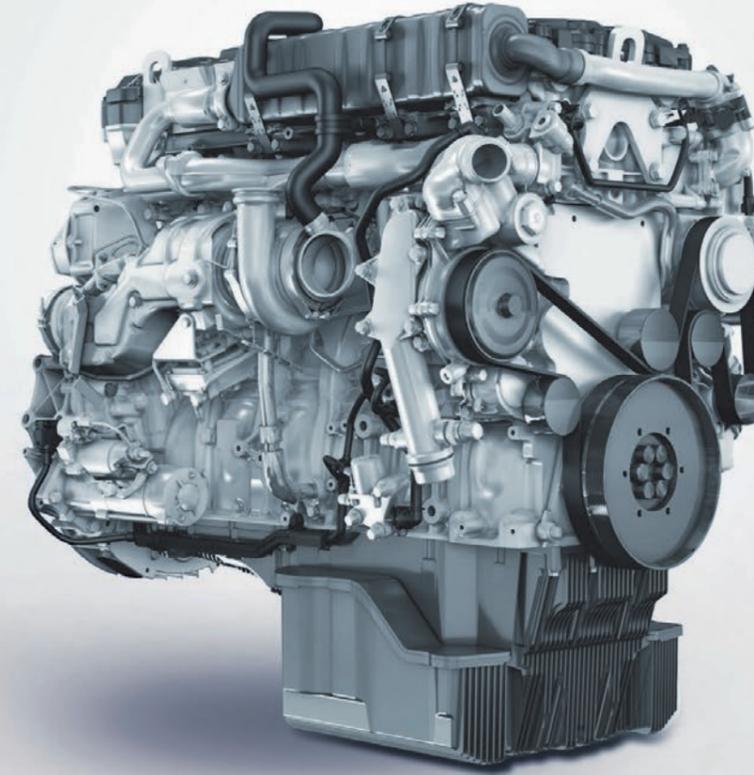
**INSPECTION POINTS**  
Daily checks are easy to perform without climbing or stretching.



**SERVICE PLATFORMS AND STEPS**  
The anti-slip service platforms and attachments of the new service steps enable easier and safer maintenance procedures.

# CLEAN PERFORMANCE WITH NEW ENGINE

Ponsse uses the latest Mercedes-Benz/MTU engine technology to provide the highest performance and fuel economy with excellent reliability. They provide high torque at lower rpm level, as well as significantly lower emission levels. In Europe Stage V-engines are used where particle mass (PM) and amount of nitrous oxides are significantly lowered. Along with particle mass, in the new STAGE V level engines also number of particles is reduced by a diesel particulate filter (DPF).



*In North America PONSSE machines use the powerful and responsive Tier 4F level Mercedes Benz/MTU engines. In other countries, a Stage III level engines are used.*

# THE MOST COMFORTABLE OFFICE IN THE FIELD

**THE PONSSE BUFFALOKING CABIN** offers a viewpoint to the latest forest machine technology. It provides a working environment for skilled professionals who value comfort, safety and ergonomics. The ergonomics of the controls 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 PONSSE Comfort forest machine user interface has been developed together with operators and it utilises years of experience.

# THE BEST COACH FOR OPERATORS



**THE PONSSE ECODRIVE** application provides operators with useful and easily understandable information about the use of the machine. Through the machine's control system, it monitors machine load and fuel consumption for each function and indicates in real time whether the operator's working methods and machine controls are economical and efficient. Eco-Drive lets you focus on what is essential in order to develop working methods.

# PONSSE BUFFALOKING

## DIMENSIONS

Minimum weight:	6-wheeler	19 200 kg (42,329 lbs)
	8-wheeler	20 600 kg (45,415 lbs)
Typical weight:	6-wheeler	19 700 kg (43,431 lbs)
	8-wheeler	21 100 kg (46,517 lbs)
Length:	10 600–10 860 mm (417–428 in) + glide bunk 700 mm (28 in)	
Width:	2 990–3 300 mm (118–130 in)	
Transportation height:	3 910 mm (154 in)	
Ground clearance:	730 mm (28.7 in)	
Steering angle:	± 44 degrees	

## LOADER

Model:	PONSSE K100+	
Lifting moment (gross):	160 kNm (118.001 lb-ft)	
Reach:	S / M: 7,8/9,5 m (26/31 ft)	

## TYRES

6-wheeler:	34" Front	26.5" Back
8-wheeler:	26.5" Front	26.5" Back

## GRAPPLE

Model:	Several different grapple alternatives	
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## ENGINE

Model:	Mercedes-Benz OM936 LA EU Stage V/Tier 4 Final
	Mercedes-Benz OM906 LA EU Stage IIIA (according to legal requirements)
Power:	Stage V and Tier 4F: 210 kW (286 hp) Stage IIIA: 205 kW (275 hp)
Torque:	1 200–1 600 rpm (Stage V: 1 200 Nm, Tier 4F: 1 150 Nm, Stage IIIA: 1 100 Nm)
Tractive force:	210 kN (49,500 lbf)
Driving speed:	20 km/h (0–12 mph)
Fuel tank volume:	200 l (53 gal US)

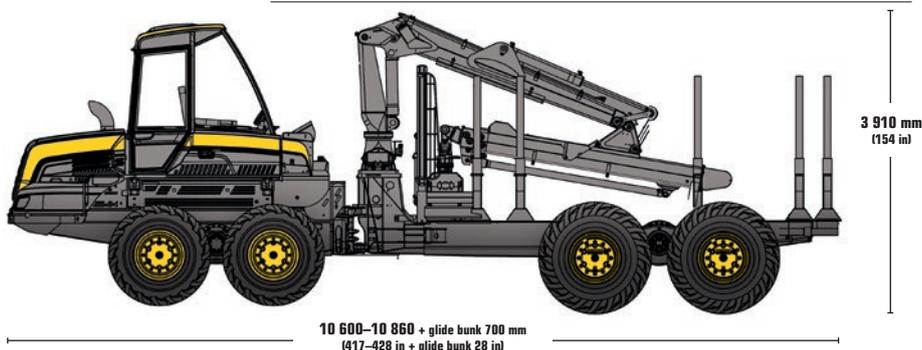
## HYDRAULIC SYSTEM

Control system:	PONSSE OptiControl
Working pump:	190 cm <sup>3</sup> (11.6 cu in)
Oil tank volume:	170 l (45 gal US)

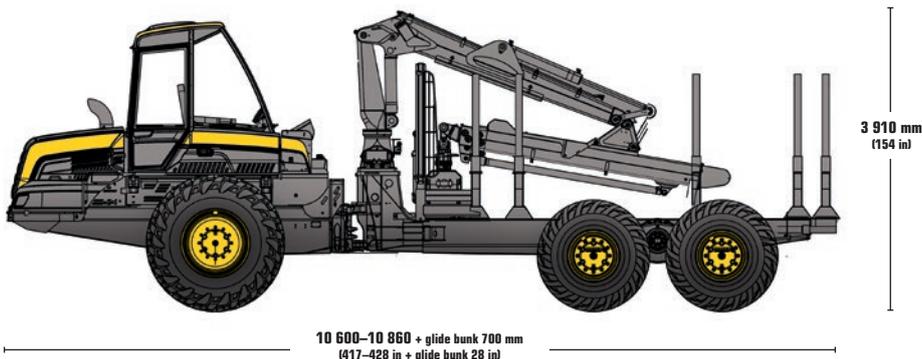
## LOAD SPACE

Capacity:	18 000 kg (39,683 lbs)
Load space cross-sectional area:	5,2–5,8 m <sup>2</sup> (56–63 sq ft)
Load space length:	5 190–5 450 mm (204–214 in) + glide bunk 700 mm (28 in)

Log gate can be moved hydraulically.



## PONSSE BUFFALOKING 6W



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**Ponsse Plc.**  
Ponssentie 22  
74200 Vieremä  
FINLAND  
Tel.: +358 20 768 800  
Fax: +358 20 768 8690  
www.ponsse.com

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

**Ponsse UK Ltd.**  
4 Annan Business Park  
Annan  
Dumfriesshire  
DG12 6TZ  
UNITED KINGDOM  
Tel. +44 1461 207 510  
Fax +44 1481 207 511

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[www.ponsse.com](http://www.ponsse.com)