

KOMATSU[®]

901XC

Exceptional manoeuvrability and comfort

Forestry Quality[™]

901

HARVESTERS



Low ground pressure, stability and good reach

901XC



The Komatsu 901XC is a thinning harvester with extreme stability and good reach. Its eight wheels reduce ground damage on soft forest floors and deliver excellent manoeuvrability in steep terrain.

Engine

The Komatsu 901XC has a powerful engine producing 170 kW at 1,900 rpm and 950 Nm of torque at 1,500 rpm. Naturally, the engine fulfils the requirements of EU Stage IV/EPA Tier 4 Final, which means minimised emissions of environmentally hazardous particles and nitrogen oxides, as well as reduced fuel consumption. Thanks to its intelligent variable fan control, noise levels are low – without compromising engine power.

Operator environment

The levelling system keeps the cab horizontal, which means you're always sitting comfortably and relaxed. The operator environment is unique in several other ways as well. Large cab volume, good visibility in all directions, smart screen placement and remote control/ key for controlling the main circuit breaker and the diesel heater. Floor heating, effective lighting and three joystick alternatives – including EME – to choose between make for a comfortable cab. Add the optional Autolev Advanced cab damping for the ultimate comfort.

Hydraulics

The 901XC features Komatsu's unique 3-pump hydraulics. The unique pressure and flow optimisation enables you to work significantly faster as the 3-pump hydraulics allow you to use several crane and head functions simultaneously with maximum hydraulic power, such as slewing the crane, feeding a log and manoeuvring the machine, with optimally low fuel consumption.



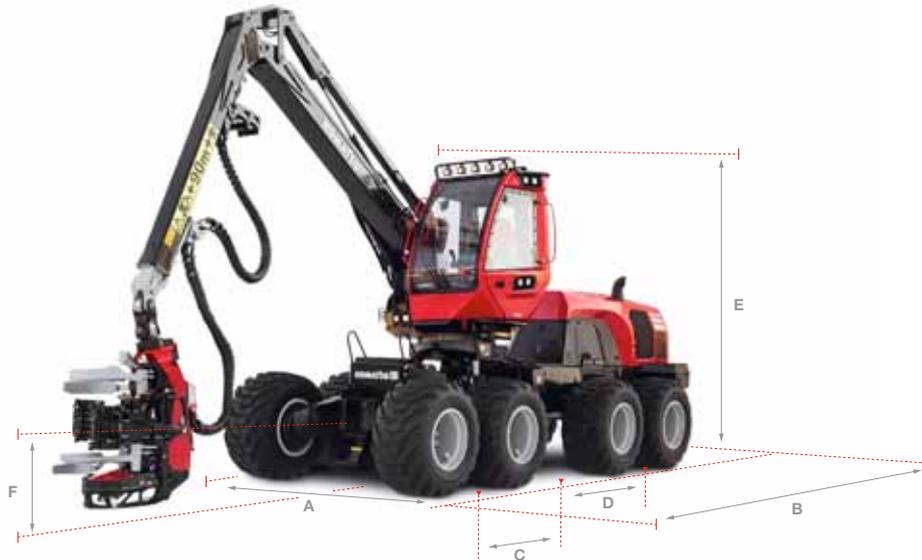
Transmission

The Komatsu 901XC makes light work of inclines and difficult terrain. One important reason for this is the impressive starting tractive force and the unique interaction between the engine, control system and power transmission. The hydrostatic, power-optimised transmission enables engine power to be fully utilised, providing excellent climbing ability and considerable advantages in difficult terrain. Several pre-set and task-specific driving modes enable you to maximise productivity and benefit from every ounce of horsepower and every litre of diesel.

Stability

Komatsu's eight-wheeled harvesters are the most stable thanks to a concept that combines technologies both old and new. It's based on the tried and tested concept of a rigid articulated joint and a swing axle working together with the cab's tilt cylinders. On the 901XC, the swing axle is paired up with Komatsu Comfort Bogie, lowering the machine's centre of gravity and increasing ground contact. This unique bogie with twin suspension systems provides a good balance between performance on soft ground and excellent manoeuvrability in steep terrain.

TECHNICAL SPECIFICATIONS



DIMENSIONS

A. Width:	With 600 wheels: 2,776 mm With 710 wheels: 2,996 mm
B. Length, total:	7,675 mm
C. Length, front axle to articulated joint:	1,850 mm
D. Length, articulated joint to rear axle:	2,100 mm
E. Transport height:	3,810 mm
F. Ground clearance:	650 mm

WEIGHT

Approximate weight:	20,000 kg
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ENGINE

Type: Europe and North America:	66 AWF, 6-cylinder diesel engine with turbo and intercooler. EPA Tier 4 Final and EU Stage 4.
Type: Outside Europe and North America:	66 WF-4V -AWF, 6-cylinder diesel engine with turbo and intercooler. Stage 2.
Engine displacement:	6.6 l
Power:	170 kW DIN at 1,900 rpm
Torque:	950 Nm at 1,500 rpm
Fuel tank:	420 l

CRANE

Model and reach:	200H: 10 m	200H DT: 11 m
Lifting torque, gross:	198 kNm	
Slewing torque, gross:	43 kNm	

HEAD

Recommended heads:	10 m: S82, S92, C93, C124. 11 m: S82, S92, C93
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HYDRAULIC SYSTEM

Flow:	400 l/min at 1,600 rpm
System pressure:	280 bar

ELECTRICAL SYSTEM

Voltage:	24 V
Battery capacity:	2 x 180 Ah
Alternator:	2 x 100 A

TRANSMISSION

Driving speed:	0-7/20 km/h (off-road/road)
Tractive force:	181 kN

NOTES

The specifications describe possible equipment, not which equipment is standard or optional. Standard and optional equipment varies between countries. Your sales representative has an up-to-date list of what is included. Weights are based on the equipment specified in the basic specification. Specifications and designs are subject to alteration without prior notice.

