

KOMATSU

WB97R-8

PRELIMINARY



Rigid backhoe loader

Engine power
75 kW / 101 HP @ 2300 rpm

Operating weight
7310 - 9020 kg

Bucket capacity
1.03 m³ (4×1 bucket)

Increased efficiency and
environmental performance



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75 kW / 101 HP @ 2300 rpm

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Bucket capacity
1.03 m³ (4×1 bucket) m³

Powerful and environmentally friendly

- NEW** • EU Stage V engine
- NEW** • Increased engine displacement: 3,6 ltr
- Viscous fan clutch
- Monitoring system with Eco gauge
- Power and Eco mode improve fuel efficiency

First-class comfort

- Multi-function monitor with high resolution 7" LCD color display
- Air-suspended operator seat (Standard)
- Ergonomic switch layout for the operator console
- Dial type fuel control and electric accelerator pedal
- Styling, state-of-the-art Komatsu design
- Hammer piping (Standard)
- NEW** • Power assisted brake

Safety first

- Anti-burst valves for stabilizers, boom and arm (Standard)
- Emergency engine stop switch
- Seat belt caution indicator
- Unrivalled front visibility thanks to lateral exhaust pipe
- Street mode function

Easy maintenance

- Easy refilling from ground level for hydraulic oil, AdBlue® and fuel
- Maintenance information displayed on the monitor
- NEW** • Rear tool box

Komtrax

- Komatsu Wireless Monitoring System
- 4G mobile communications
- NEW** • Increased operational data and reports



Specifications

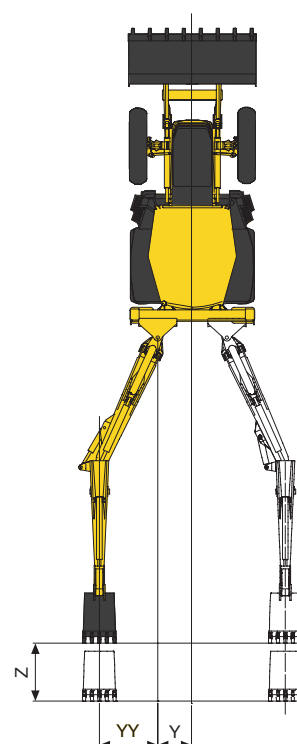
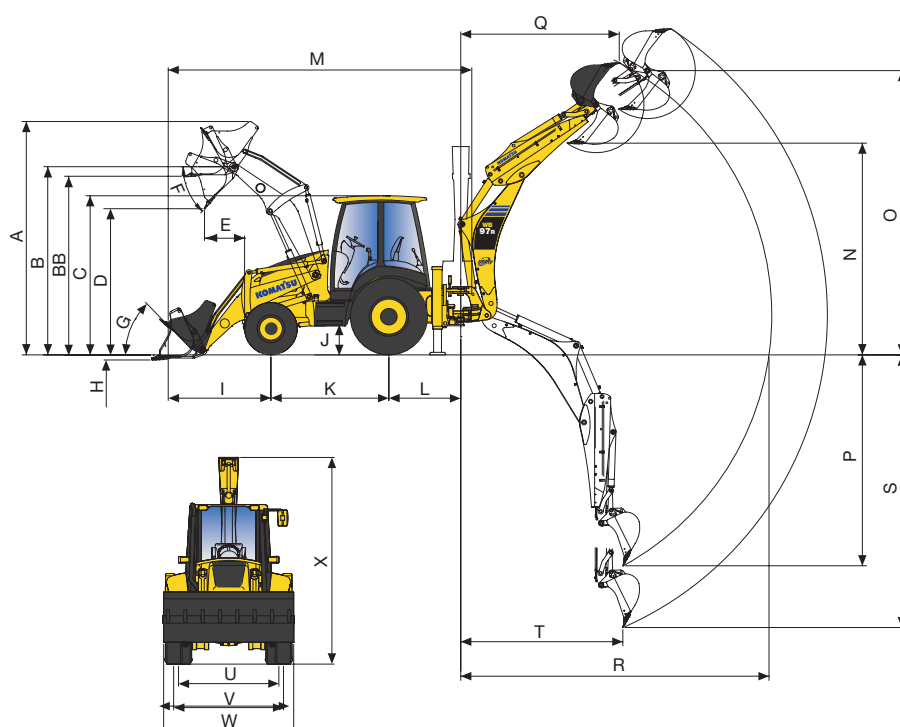
WB97R-8E0

Engine

Model	Komatsu SAA4D102SE-1
Type	Common rail direct injection, water-cooled, emissionised, turbocharged, after-cooled diesel
Engine power	
at rated engine speed	2300 rpm
ISO 14396	75 kW / 101 HP
ISO 9249 (net engine power)	68.6 kW / 92.0 HP
No. of cylinders	4
Bore × stroke	102 × 110 mm
Displacement	3.6 ltr

Environment

Engine emissions	Fully complies with EU Stage V exhaust emission regulations
Noise levels	Noise levels (external/internal) fully comply with 2000/14/EC Stage 2 and 98/37/EC
Vibration levels (EN 12096:1997)	
Hand/arm	≤ 2.5 m/s ² (uncertainty K = 1.2 m/s ²)
Body	≤ 0.5 m/s ² (uncertainty K = 0.2 m/s ²)



A	Max. height	4335 mm
B	Pin height	3405 mm
	- with 20" front tyres	3450 mm
BB	Forks loading max height	3135 mm
C	Cab height	2910 mm
D	Max. dumping height	2750 mm
E	Max. dumping reach (45°)	690 mm
F	Dumping angle	43°
G	Rollback angle	42°
H	Digging depth (only for 18" front tyres)	180 mm
I	Bucket reach	2175 mm
J	Ground clearance	385 mm
K	Wheel base	2175 mm
L	Backhoe swing centre distance	1325 mm
M	Transport length	5995 mm
N	Dumping height SAE	3910 mm
	Max. dumping height	4390 mm
	- with extended telescopic SAE	4835 mm
	- with extended telescopic max	5170 mm

O	Max. digging height	6020 mm
	- with extended telescopic	6680 mm
P	Digging depth SAE	4570 mm
	- with extended telescopic	5825 mm
Q	Reach at max height	3045 mm
	- with extended telescopic	4240 mm
R	Max. reach from swing centre	6035 mm
	- with extended telescopic	7175 mm
S	Max. digging depth	5245 mm
	- with telescopic	6410 mm
T	Digging reach	2320 mm
U	Rear tread	1800 mm
V	Front tread	1945 mm
W	Overall width (with bucket)	2340 mm
	Overall width (with 20" front tyre)	2440 mm
X	Transport hoe height	3785 mm
Y	Side shift	605 mm
YY	Side shift with offset	1080 mm
Z	Telescopic stroke	1240 mm