

# KOMATSU

## PW98MR-11

*EU Stage V Engine*

**MIDI-EXCAVATOR**



**ENGINE POWER**

50,7 kW / 68,0 HP @ 1.850 rpm

**OPERATING WEIGHT**

10.090 - 10.760 kg

**BUCKET CAPACITY**

max. 0,282 m<sup>3</sup>

# PW98MR

# Walk-Around

PW98MR-11







### ***Powerful and Environmentally Friendly***

- NEW** • Low consumption EU Stage V engine
- NEW** • Integrated Diesel Particulate Filter (DPF) with 6.000 SMR cleaning interval
- NEW** • Viscous engine fan clutch
- NEW** • Reduced fuel consumption: -10% vs Dash 10
- NEW** • Higher productivity: +5% vs Dash 10
- NEW** • Higher efficiency: +17% vs Dash 10



### ***Maximized Efficiency***

- NEW** • Lehnhoff Powertilt and Variolock available as factory fit
- NEW** • Komatsu Integrated Attachment Control (KIAC) for HCU/C version (option)
- NEW** • Attachment oil flow: +10% l/min vs Dash 10
- NEW** • 100% differential lock for better traction

### ***First-Class Comfort***

- Multi-function monitor with high resolution 7" LCD color display
- NEW** • Relocated swing control on joystick lever provides more space in the cab
- NEW** • Rear- and side view camera system
- NEW** • Attachment changeover via monitor

### ***Safety First***

- NEW** • LED working lights (standard)
- Short tail swing: only 310 mm protrusion over tyres
- Neutral position detection system
- Emergency engine stop switch
- Seat belt caution indicator

### ***Easy Maintenance***

- Extended maintenance information displayed on the monitor
- Large access doors for maintenance
- NEW** • Blade/outrigger cylinders with integrated check valve

### ***KOMTRAX***

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

**ENGINE**

Model	Komatsu SAA3D95E-1
Type	Water-cooled, 4-cycle direct injection
Engine power	
at rated engine speed	1.850 rpm
ISO 14396	50,7 kW / 68,0 HP
ISO 9249 (net engine power)	50,6 kW / 67,8 HP
No. of cylinders	3
Bore × stroke	95 × 115 mm
Displacement	2.445 cm <sup>3</sup>
Max. torque / engine speed	339 Nm / 1.400 rpm
Air filter type	Dry

**AXLES**

Driving and steering axles with epicyclic reduction gears in the hubs. The oscillation of the front axle can be blocked by means of two hydraulic pistons.

Tyres	
Twin tyres (standard)	8.25 - 20
Single tyres (option)	500 / 45-20

**WORKING RANGE**

Arm length	1.650 mm	1.900 mm
A Max. digging height	8.400 mm	8.630 mm
B Max. dumping height	6.330 mm	6.525 mm
C Max. digging depth	4.055 mm	4.305 mm
D Max. vertical wall digging depth	3.415 mm	3.650 mm
E Max. digging reach	7.585 mm	7.835 mm
F Max. digging reach at ground level	7.290 mm	7.560 mm
G Min. swing radius	3.165 mm	3.350 mm

**MACHINE DIMENSIONS**

Arm length	1.650 mm	1.900 mm
Driving position		
Overall length	5.940 mm	6.070 mm
Overall height (to top of boom)	3.860 mm	3.900 mm
Transport position		
Overall length	6.810 mm	7.000 mm
Overall height (to top of boom)	3.160 mm	3.270 mm
Overall height of cab	3.080 mm	
Clearance under counterweight	1.120 mm	
Ground clearance	335 mm	
Tail swing radius	1.485 mm	
Machine tail height	2.300 mm	
Tail length	1.485 mm	
Wheel base	2.200 mm	
Overall width	2.315 mm	
Overall width (blade)	2.350 mm	

All dimensions with single tyres 18 × 19.5

**STEERING**

Hydraulically operated steering system that acts on the front and rear wheels by means of double rod hydraulic cylinders in the axles. The operator can select three kinds of steering by means of an electric switch.

Two steering wheels	
Four steering wheels	
Crab steering	
Steering radius	
Two steering wheels	6.450 mm
Four steering wheels	4.040 mm

**HYDRAULIC SYSTEM**

Type	Komatsu CLSS
Maximum pump flow	165 l/min
Main pumps	Variable displacement, axial piston

**ENVIRONMENT**

Engine emissions	Fully complies with EU Stage V exhaust emission regulations
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