

KOMATSU

PC58MR-5

EU Stage V Engine

MINI-EXCAVATOR

PRELIMINARY

PC58



ENGINE POWER

29,1 kW / 39,0 HP @ 2.400 rpm

OPERATING WEIGHT

5.640 kg

BUCKET CAPACITY

0,055 - 0,18 m³

ENHANCED FUEL EFFICIENCY AND ENVIRONMENTAL PERFORMANCE

Powerful and Environmentally Friendly

- NEW** • Low consumption EU Stage V engine
- NEW** • Integrated Diesel Particulate Filter (DPF) with 6.000 SMR cleaning interval
- NEW** • Upper exhaust pipe
- 6 selectable working modes
- Auto-deceleration and idle shutdown

First-Class Comfort

- NEW** • Grammer adjustable suspension seat (standard)
- Improved operator convenience
- Multi-function monitor with high resolution 3,5" LCD color display
- NEW** • Eco-gauge and fuel consumption gauge



PC58MR-5

Maximized Efficiency

NEW

- Lehnhoff Powertilt available as factory fit
- Standard 3rd auxiliary circuit for hydraulic powertilt and 4th line for hydraulic quick-coupler single effect

NEW

- Increased lifting capacity over side (+13%)

Safety First

NEW

- Additional track roller

NEW

- LED working lights (standard)
- Neutral position detection system
- Emergency engine stop switch
- Seat belt caution indicator

Easy Maintenance

NEW

- Extended maintenance information displayed on the monitor
- Tilting cab
- Wide opening engine hood



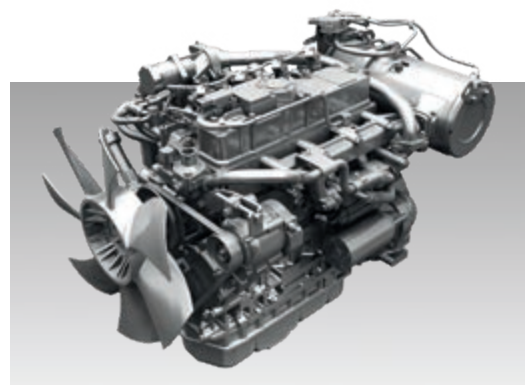
KOMTRAX

NEW

- Komatsu Wireless Monitoring System
- Integrated communication antenna

NEW

- 4G mobile communications
- Increased operational data and reports



Komatsu 4D88E-7 engine with High-Pressure Common Rail (HPCR) injection system and integrated Diesel Particulate Filter (DPF). It requires no Adblue® to meet emission standards.



Lehnhoff Powertilt is available as factory fit. It combines all benefits of a quick-coupler with a tilt motor, offering a huge work range of 2 x 90° swivel range to both sides.



Updated monitoring system, including Eco-gauge and fuel consumption gauge, as well as extended maintenance and operational data reports.

ENGINE

Model	Komatsu 4D88E-7
Type	Water-cooled, 4-cycle direct injection
Engine power	
at rated engine speed	2.400 rpm
ISO 14396	29,1 kW / 39,0 HP
ISO 9249 (net engine power)	27,7 kW / 37,2 HP
No. of cylinders	4
Bore × stroke	88 × 90 mm
Displacement	2.189 cm ³
Max. torque / engine speed	137 Nm / 1.440 rpm
Air filter type	Dry

OPERATING WEIGHT (APPR.)

Rubber shoes	5.570 kg
Roadliner shoes	5.640 kg
Steel shoes	5.640 kg

DIMENSIONS & WORKING RANGE

Boom length	mm	2.900
Arm length	mm	1.640
A Overall length	mm	5.550
B Overall height	mm	2.590
C Overall width	mm	1.960
D Clearance under counterweight	mm	610
E Ground clearance	mm	290
F Tail swing radius	mm	1.175
G Track length on ground	mm	2.000
H Track length	mm	2.520
I Track gauge	mm	1.560
J Shoe width	mm	400
K Overall width of upper structure	mm	1.835
L Distance, swing center to rear end	mm	1.265
M/N Boom swing angle	°	85 / 50
O Boom offset LH	mm	630
P Boom offset RH	mm	880
Q Max. digging height	mm	5.915
R Max. dumping height	mm	4.200
S Max. digging depth	mm	3.770
T Max. vertical wall digging depth	mm	3.030
U Max. digging reach	mm	6.220
V Max. digging reach at ground level	mm	6.075
W Min. swing radius	mm	2.285
Min. swing radius at boom swing	mm	1.760

DRIVES AND BRAKES

Steering control	2 levers with pedals giving full independent control of each track
Drive method	Hydrostatic
Hydraulic motors	2 × axial piston motor
Reduction system	Planetary gear
Max. travel speeds	
Lo / Hi	2,6 / 4,6 km/h
Maximum drawbar pull	4.200 daN (4.280 kgf)

UNDERCARRIAGE

Construction	X-frame centre section with box section track frames
Rollers	
Track rollers (each side)	5
Carrier rollers (each side)	1
Shoe width	400 mm

