

KOMATSU

PC24MR-5

EU Stage V Engine

MINI-EXCAVATOR

PRELIMINARY



ENGINE POWER

15,8 kW / 21,2 HP @ 2.500 rpm

OPERATING WEIGHT

2.340 - 2.560 kg

BUCKET CAPACITY

0,035 - 0,085 m³

PC24

Walk-Around

HIGHEST PERFORMANCE COMBINED WITH EASIEST TRANSPORTATION

Powerful and Environmentally Friendly

NEW

- Low consumption EU Stage V engine

NEW

- Completely renewed for EU market

PC24MR-5



First-Class Comfort

- NEW** • Newly designed cab
- NEW** • Improved operator convenience
- NEW** • Multiple accessories around the operator's seat
- NEW** • Spring assisted front windows

Maximized Versatility

- NEW** • Relocated boom swing cylinder
- NEW** • Compact 1.400 mm undercarriage
- Hydraulic quick coupler line (optional)
- Proportional control for attachments (optional)

Safety First

- NEW** • Dual lock system
- NEW** • Emergency engine stop switch
- NEW** • Seat belt caution indicator

Easy Maintenance

- NEW** • Fully opening engine door and side cover
- NEW** • Long-life hydraulic oil filter
- NEW** • Easier refuelling due to lowered fuel filler

KOMTRAX

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



Newly designed MR-5 style cabin with wider entrance, much more space for the operator and many improved safety features



The swing cylinder has been relocated to the left hand side of the excavator to minimize protrusion so the operator doesn't have to worry about the cylinder when working near a wall.



Daily inspection points are accessible faster and more conveniently.

ENGINE

Model	Komatsu 3D76E-6
Type	Swirl chamber
Engine power	
at rated engine speed	2.500 rpm
ISO 14396	15,8 kW / 21,2 HP
ISO 9249 (net engine power)	15,4 kW / 20,7 HP
No. of cylinders	3
Bore × stroke	76 × 82 mm
Displacement	1.115 cm ³
Max. torque / engine speed	66,6 Nm / 1.875 rpm
Air filter type	Dry

OPERATING WEIGHT (APPR.)

Rubber shoes	2.430 kg
Steel shoes	2.560 kg

Operating weights with cabin

DIMENSIONS & WORKING RANGE

Boom length	mm	1.810	
Arm length	mm	870	1.320
A Overall length	mm	3.750	3.850
B Overall height	mm	2.525	
C Overall width	mm	1.450	
D Clearance under counterweight	mm	495	
E Ground clearance	mm	250	
F Tail swing radius	mm	870	
G Track length on ground	mm	1.400	
H Track length	mm	1.845	
I Track gauge	mm	1.200	
J Shoe width	mm	250	
K Overall width of upper structure	mm	1.435	
L Distance, swing center to rear end	mm	905	
M/N Boom swing angle	°	75 / 50	
O Boom offset LH	mm	510	
P Boom offset RH	mm	760	
Q Max. digging height	mm	3.965	4.265
R Max. dumping height	mm	2.685	2.985
S Max. digging depth	mm	2.315	2.665
T Max. vertical wall digging depth	mm	1.590	1.900
U Max. digging reach	mm	4.150	4.500
V Max. digging reach at ground level	mm	4.000	4.350
W Min. swing radius	mm	1.790	1.940
Min. swing radius at boom swing	mm	1.450	1.515
Max. blade lift	mm	240	
Max. blade depth	mm	330	

HYDRAULIC SYSTEM

Type	Komatsu CLSS
Maximum pump flow	49,5 + 15,5 + 10,9 l/min
Max. operating pressure	24,5 MPa (250 bar)
Bucket digging force (ISO 6015)	18,8 kN
Arm crowd force (ISO 6015)	13,6 kN

DRIVES AND BRAKES

Steering control	2 levers with pedals giving full independent control of each track
Drive method	Hydrostatic
Max. travel speeds	
Lo / Hi	2,8 / 4,6 km/h
Maximum drawbar pull	2.060 kgf

UNDERCARRIAGE

Construction	X-frame centre section with box section track frames
Shoe width	250 mm

