

# KOMATSU

## PC24MR-5

EU Stage V Engine

MINI-EXCAVATOR

PRELIMINARY



PC24

**ENGINE POWER**

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

**OPERATING WEIGHT**

2.340 - 2.560 kg

**BUCKET CAPACITY**

0,035 - 0,085 m<sup>3</sup>

# 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

- Komatsu Wireless Monitoring System
- 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 <sup>3</sup>
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

