KOMATSU

PC18MR-5

EU Stage V Engine

PC18

MINI-EXCAVATOR

PRELIMINARY



ENGINE POWER
11,8 kW / 15,8 HP @ 2.600 rpm

OPERATING WEIGHT
1.900 kg

BUCKET CAPACITY
0,03 - 0,06 m³

ENHANCED FUEL EFFICIENCY AND ENVIRONMENTAL PERFORMANCE

Powerful and Environmentally Friendly

- NEW • Low consumption EU Stage V engine
- NEW • Completely renewed for EU market
- NEW • Increased working capacity: up to 15%



Images may display optional equipment or specifications not available in your area.

First-Class Comfort

- NEW • Improved operator convenience
- NEW • Multiple accessories around the operator's seat
- NEW • Short pitch rubber shoes for less vibrations

Maximized Versatility

- NEW • Top layout boom cylinder
- NEW • 1st aux. proportional line on joystick (option)
- NEW • Attachment oil flow adjustment (option)
- NEW • Hydraulic quick coupler line (option)
- • Variable undercarriage



The boom cylinder is now mounted on top of the boom. This helps to avoid hitting it against obstacles when loading truck or digging deep. This design also increases the boom's pressing force, enhancing penetration into the ground.

Safety First

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



A fingertip proportional switch on the joystick now improves attachment versatility and controllability. The auxiliary oil flow rate can easily be adjusted in the machine settings.

Easy Maintenance

- NEW • Fully opening engine door and side cover
- NEW • Long-life hydraulic oil filter
- NEW • 2-split floor mat for easier cleaning

KOMTRAX

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



Daily inspection points are accessible faster and more conveniently.

ENGINE

Model	Komatsu 3D67E-2
Type	Swirl chamber
Engine power	
at rated engine speed	2.600 rpm
ISO 14396	11,8 kW / 15,8 HP
ISO 9249 (net engine power)	11,4 kW / 15,3 HP
No. of cylinders	3
Bore × stroke	67 × 74 mm
Displacement	778 cm³
Air filter type	Dry

OPERATING WEIGHT (APPR.)

Rubber shoes	1.900 kg

Operating weight with canopy

HYDRAULIC SYSTEM

Type	HydrauMind
Maximum pump flow	41,2 + 12,7 l/min
Max. operating pressure	22,9 MPa (234 bar)
Bucket digging force (ISO 6015)	15,9 kN
Arm crowd force (ISO 6015)	9,9 kN

DRIVES AND BRAKES

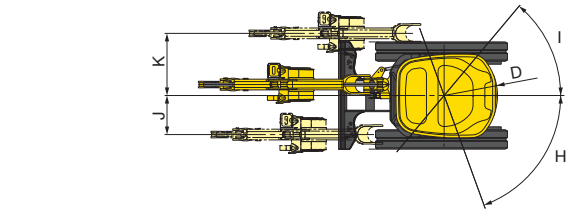
Steering control	2 levers with pedals giving full independent control of each track
Drive method	Hydrostatic
Max. travel speeds	
Lo / Hi	2,2 / 4,1 km/h
Maximum drawbar pull	1.700 kgf

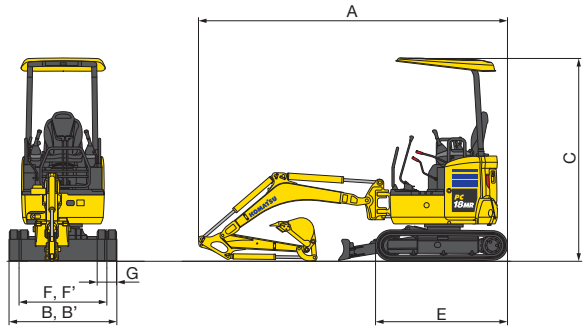
UNDERCARRIAGE

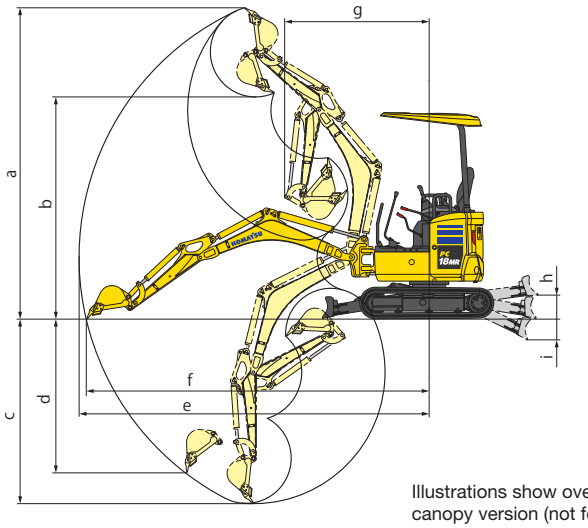
Construction	X-frame centre section with box section track frames
Shoe width	230 mm

DIMENSIONS & WORKING RANGE

	Arm length	mm	1.010	1.215
A	Overall length	mm	3.670	
B	Overall width (expanded)	mm	990 (1.280)	
C	Overall height	mm	2.320	
D	Tail swing radius	mm	715	
E	Track length	mm	1.570	
F	Track gauge (expanded)	mm	760 (1.045)	
G	Shoe width	mm	230	
H/I	Boom swing angle	°	70 / 50	
J	Boom offset LH	mm	465	
K	Boom offset RH	mm	740	
a	Max. digging height	mm	3.640	3.810
b	Max. dumping height	mm	2.600	2.770
c	Max. digging depth	mm	2.160	2.360
d	Max. vertical wall digging depth	mm	1.800	2.040
e	Max. digging reach	mm	4.090	4.300
f	Max. digging reach at ground level	mm	4.010	4.220
g	Min. swing radius	mm	1.690	1.700
	Min. swing radius at boom swing	mm	1.300	1.400
	Max. blade lift	mm	280	
	Max. blade depth	mm	240	







Illustrations show overseas canopy version (not for EU)

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