

KOMATSU®

PC18MR-3

NET HORSEPOWER

11.2 kW 15 HP

OPERATING WEIGHT

1855 kg 4,090 lb

PC
18MR

COMPACT HYDRAULIC
EXCAVATOR



Photo may include optional equipment.

WALK-AROUND

Performance and Versatility

- Standard auxiliary hydraulics
- Two track options: rubber, steel
- Automatic two-speed travel
- ISO/SAE pattern change valve
- Expandable undercarriage: 980 mm **3'3"** to 1300 mm **4'3"**

Service and Maintenance

- Wide opening engine hood and side covers
- Side-by-side radiator and oil cooler are easily inspected
- Grease points for work equipment are on the same side of the boom and arm
- Tilt-forward operator's station provides full access to engine and hydraulic components
- Hydraulic hoses are alpha-numerically marked or color coded making them easy to identify

Operator Comfort

- Large operator platform
- Adjustable suspension seat
- Pilot proportional joystick controls
- Easy entry and egress
- Low noise



KOMTRAX equipped machines can send location, SMR and operation maps to a secure website utilizing wireless technology.

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DIG DEPTH
2160 mm 7'1"



Value, Durability, and Strength

- KOMTRAX® wireless equipment monitoring system
- Castings are used for boom foot, tip, and swing yoke
- Large diameter swing pin
- O-ring face seal hydraulic fittings
- Moisture/dust resistant electrical connectors
- Hydraulic lines are routed through boom for protection

Peace of Mind

- Two-post ROPS canopy
- Neutral engine start system
- Excellent visibility enhances job site awareness
- Low emission Komatsu engine with dual element air cleaner
- One key operates the ignition and all machine locks

Photos may include optional equipment.

OPERATOR ENVIRONMENT



Operator Station

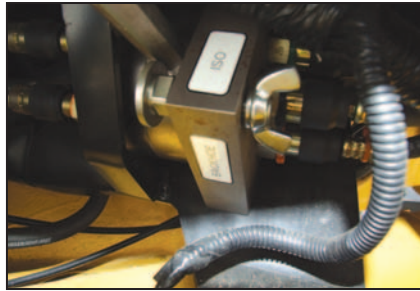
- Spacious canopy with unobstructed floor provides the operator with ample leg room
- Folding travel pedals
- Two-post ROPS canopy provides unequalled visibility
- Fully adjustable suspension seat reduces operator fatigue
- PPC joystick controls are low effort and provide fine control
- Gauges and indicator lights are easy to read

FEATURES



Tight Tail Swing

The operator can focus more on the work in front and worry less about rear swing clearance, even in confined areas, with only an 80 mm **3.1"** projection over the tracks.



Pattern Change Valve

Whether you are comfortable with ISO or SAE, you can easily change from one to the other.



Excellent Visibility

The operator's station design allows the operator to maintain a 360° field-of-view.



Tilt-Up Operator Compartment

The operator compartment tilts forward for easy access to hydraulic and engine components.



Wide Opening Engine Hood and Side Covers

Allow easy access for daily checks and regular maintenance.



Expandable Undercarriage

980 mm **3'3"** to 1300 mm **4'3"**



Neutral Engine Start System

Locks out drives and hydraulics during machine start up.



Manual Selector Valve

Allows the operator to switch between one-way (Breaker) and two-way auxiliary hydraulic flow (Thumb).



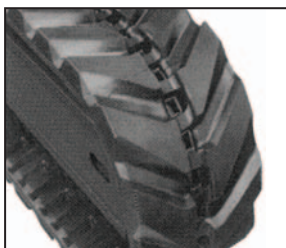
Large Diameter Swing Pin

Has high durability and maintains suitable clearances between pin and bushing after long-term operation.

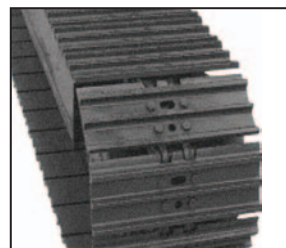
Extended Maintenance Intervals

Lubricate swing circle	500 hrs
Lubricate work equipment	500 hrs
Replace engine oil and filter	500 hrs
Fuel filter	500 hrs
Hydraulic filter	1000 hrs

Track Options Available



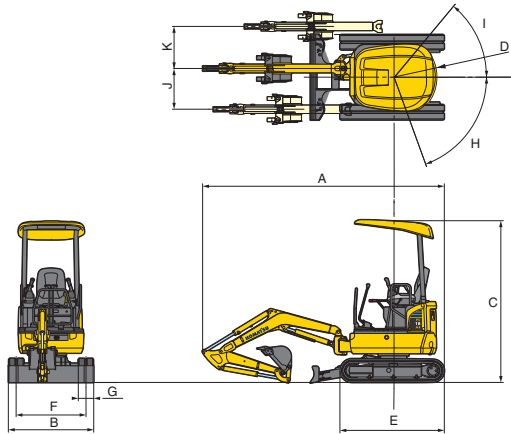
Rubber (standard)



Steel (optional)



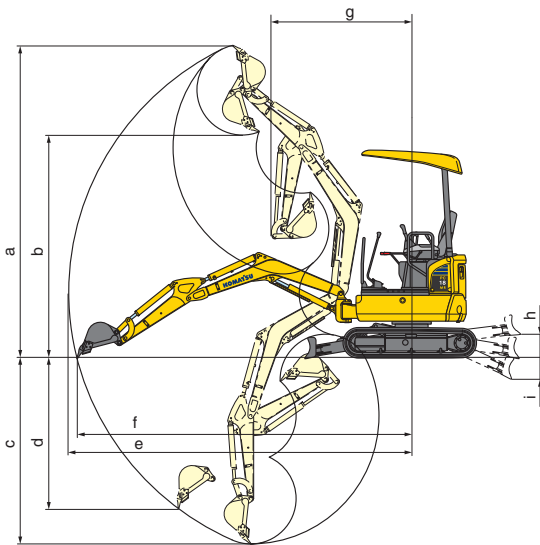
DIMENSIONS



A	Overall length	3650 mm 12'0"
B	Overall width	980 - 1300 mm 3'3" - 4'3"
C	Overall height	2410 mm 7'11"
D	Tail swing radius	715 mm 2'4"
E	Crawler length	1555 mm 5'1"
F	Track gauge	750 - 1070 mm 2'6" - 3'6"
G	Track shoe width	230 mm 9.1"
H/I	Boom swing angle	Left 70°/Right 50°
J/K	Bucket offset	LH 465 mm/RH 785 mm LH 1'6"/RH 2'7"



WORKING RANGE



	Arm Length	965 mm 3'2"
a	Maximum digging height	3615 mm 11'10"
b	Maximum dumping height	2610 mm 8'7"
c	Maximum digging depth	2160 mm 7'1"
d	Maximum vertical digging depth	1785 mm 5'10"
e	Maximum digging reach	4025 mm 13'2"
f	Maximum reach-ground level	3935 mm 12'11"
g	Minimum swing radius (With boom swing)	1670 mm 5'5" (1355 mm 4'5")
h	Maximum blade lift	280 mm 11"
i	Maximum blade depth	250 mm 10"



LIFTING CAPACITY

Blade on ground and expanded undercarriage		Unit: kgf lbf							
		2 m 6.5'		2.5 m 8.2'		3 m 10'		Maximum Reach	
		Front	Side	Front	Side	Front	Side	Front	Side
Arm Length 965 mm 3'2"	3 m 10'	—	—	—	—	—	—	355* 783*	355 783
	2 m 6.5'	—	—	318* 701*	318 701	314* 692*	235 518	318* 701*	216 476
	1 m 3.25'	653* 1440*	421 928	454* 1001*	302 666	367* 809*	229 505	324* 714*	182 401
	0 m 0'	806* 1777*	396 873	551* 1215*	287 633	412* 908*	221 487	338* 745*	187 412
	-1 m -3.25'	635* 1400*	401 884	446* 983*	289 637	—	—	342* 754*	245 540

*Load is limited by hydraulic capacity rather than tipping. Rated loads do not exceed 87% of hydraulic capacity or 75% of tipping load.



STANDARD EQUIPMENT

- Air cleaner, dual element
- Automatic two-speed travel control
- Auxiliary hydraulics with selector valve
- Backfill blade, adjustable width
- Expandable undercarriage: 980 mm **3'3"** to 1300 mm **4'3"**
- KOMTRAX®
- Pattern change valve
- Rearview mirrors
- Rubber track
- Suspension seat with 50 mm **2"** wide retractable seat belt
- Travel alarm
- Travel pedals
- Two-post ROPS canopy



OPTIONAL EQUIPMENT

- 76 mm **3"** retractable seat belt
- Additional work light
- Steel track
- Wide variety of attachments

KOMATSU®