KOMATSU

PC17R-5 PC20R-5



Hydraulic excavator

Engine power

11.8 kW / 15.8 HP @ 2600 rpm

Operating weight

PC17R-5: 1755 - 1835 kg PC20R-5: 1985 - 2040 kg

Bucket capacity

PC17R-5: 0.022 - 0.028 m³ PC20R-5: 0.020 - 0.030 m³

PC17/20R-5



PC20R-5: 0.020 - 0.030 m³

High versatility, low fuel-consumption and safe performance in tight spaces

Powerful and environmentally friendly

NEW
 Newly developed for the EU market

NEW
 Low-consumption EU Stage V engine

Highest stability and lifting capacity thanks to new body and counterweight design

 Increased working capacity due to topmounted boom cylinder (PC20R-5)

Total versatility

 Designed for easy transport on a 2.5 tonnes GVW trailer (PC17R-5)

 Lehnhoff Powertilt available as factory fit (PC20R-5)

 • 3rd auxiliary circuit for hydraulic powertilt and 4th line for hydraulic quick-coupler single effect (PC20R-5) (option)

NEW
 Hydraulic quick coupler line (PC20R-5) (option)

• Proportional control for attachments (option)

NEW
 Variable gauge undercarriage as standard

First-class comfort

NEW
 Newly designed cab

Orammer adjustable suspension seat (PC20R-5) (option)

• Improved operator convenience

Low vibration levels with short pitch rubber
 shoes

Safety first

NEW
 Dual lock system for PPC controls

• Secondary engine shutdown switch

• Seat belt caution indicator

• Lifting eyes on cabin roof and tie down points on upper structure

NEW
 LED working lights (option)

Easy maintenance

NEWImproved filtration

• Easy maintenance access direct from ground level

NEW
 Fully opening engine door and side cover

Komtrax

- Komatsu Wireless Monitoring System
- 4G mobile communicationsIntegrated communication antenna
 - Increased operational data and reports

Engine

Model	Komatsu 3D67E-2
Туре	Swirl chamber
Engine power	
at rated engine speed	2600 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 cm ³

Drives and brakes

Type	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		

Swing system

Swing speed	9 rpm
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Environment

Engine emissions	Fully complies with EU Stage V exhaust emission regulations
Noise levels	
LwA external	93 dB(A) (2000/14/EC Stage II)
LpA operator ear	78 dB(A) (ISO 6396 dynamic test)

Hydraulic system

Туре	Komatsu CLSS
Main pumps	1 × variable displacement pump
	1 × gear pump
Max. pump flow	36 I/min
Max. operating pressure	
PC17R-5	18.5 MPa (185 bar)
PC20R-5	21.0 MPa (210 bar)
Bucket digging force (ISO 6015)	
PC17R-5	11.9 kN (1210 kgf)
PC20R-5	15.9 kN (1620 kgf)
Arm crowd force (ISO 6015) PC17R-5	
880 mm arm	7.4 kN (750 kgf)
1130 mm arm	5.75 kN (585 kgf)
Arm crowd force (ISO 6015) PC20R-5	
965 mm arm	9.9 kN (1010 kgf)
1215 mm arm	7.85 kN (865 kgf)

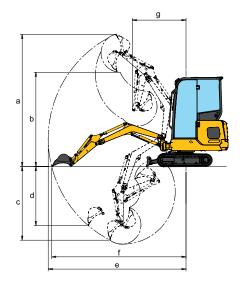
Undercarriage

Construction	Variable gauge with centre sliding section	
Track rollers (each side)	3	
Shoe width	230 mm	

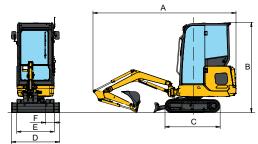
Blade

Туре	Central welded steel structure with extendable side sections
Width (min)	1280 (990) × 250 mm

Working range		PC17R-5		PC20R-5		
	Arm length	mm	880	1130	965	1215
а	Max. digging height	mm	3370	3670	3570	3800
b	Max. dumping height	mm	2450	2660	2560	2760
С	Max. digging depth	mm	2000	2200	2100	2370
d	Max. vertical wall digging depth	mm	1500	1740	1685	1980
е	Max. digging reach	mm	3630	3890	3830	4100
f	Max. digging reach at ground level	mm	3540	3800	3760	4030
g	Min. swing radius	mm	1425	1560	1415	1515



Machine dimensions		PC17R-5	PC20R-5
A Overall length	mm	3800	3845
B Overall height	mm	2370	2370
C Track length	mm	1450	1570
D Track gauge (min)	mm	990	990
E Track gauge (max)	mm	1280	1280
F Shoe width	mm	230	230
Tail swing radius	mm	1120	1120



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