

PC17R-5 PC20R-5

PRELIMINARY



Hydraulic excavator

Engine power
11.4 kW / 15.3 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



Engine power

11.4 kW / 15.3 HP @ 2600 rpm

Operating weight

PC17R-5: 1755 - 1835 kg

PC20R-5: 1985 - 2040 kg

Transport weight (rubber shoes)

PC17R-5: 1670 kg

PC20R-5: 1890 kg

Bucket capacity

PC17R-5: 0.022 - 0.028 m³

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
- NEW** • Highest stability and lifting capacity thanks to new body and counterweight design
- NEW** • Increased working capacity due to top-mounted boom cylinder (PC20R-5)

Total versatility

- NEW** • Designed for easy transport on a 2.5 tonnes GVW trailer (PC17R-5)
- NEW** • Lehnhoff Powertilt available as factory fit (PC20R-5)
- NEW** • 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)
- NEW** • Proportional control for attachments (option)
- NEW** • Variable gauge undercarriage as standard

First-class comfort

- NEW** • Newly designed cab
- NEW** • Grammer adjustable suspension seat (PC20R-5) (option)
- NEW** • Improved operator convenience
- NEW** • Low vibration levels with short pitch rubber shoes

Safety first

- NEW** • Dual lock system for PPC controls
- NEW** • Secondary engine shutdown switch
- NEW** • Seat belt caution indicator
- NEW** • Lifting eyes on cabin roof and tie down points on upper structure
- NEW** • LED working lights (option)

Easy maintenance

- NEW** • Improved filtration
- NEW** • Easy maintenance access direct from ground level
- NEW** • Fully opening engine door and side cover

Komtrax

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

Engine

Model	Komatsu 3D67E-2
Type	Swirl chamber
Engine power	
at rated engine speed	2600 rpm
ISO 14396	11.4 kW / 15.3 HP
ISO 9249 (net engine power)	11.8 kW / 15.8 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)

Working range

	mm	PC17R-5		PC20R-5	
		880	1130	965	1215
Arm length					
a Max. digging height	mm	3370	3670	3570	3800
b Max. dumping height	mm	2450	2660	2560	2760
c Max. digging depth	mm	2000	2200	2100	2370
d Max. vertical wall digging depth	mm	1500	1740	1685	1980
e 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

	mm	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

Hydraulic system

Type	Komatsu CLSS
Main pumps	1 × variable displacement pump 1 × gear pump
Max. pump flow	36 l/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

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

