

Komatsu Excavator PC270LC-8 (2019) – Detailed Specification

General Specifications

Model	Komatsu PC270LC-8
Manufacturer	Komatsu Ltd., Tokyo, Japan
Machine Type	Crawler Hydraulic Excavator
Operating Weight	27,100 – 28,000 kg
Engine Model	Komatsu SAA6D107E-1
Fuel System	Direct Injection (non-common rail)
Engine Type	6-cylinder, turbocharged, water-cooled diesel
Rated Power	141 kW (189 hp) @ 2,000 rpm
Emission Standard	Tier 3 / EU Stage IIIA
Displacement	≈ 6.7 L
Main Hydraulic Pumps	2 × variable-displacement axial piston pumps
Maximum Hydraulic Flow	2 × 245 L/min
System Pressure	34.3 MPa
Bucket Capacity	1.2 – 1.6 m³
Bucket Digging Force	≈ 184 kN
Arm Digging Force	≈ 132 kN
Swing Speed	≈ 10.5 rpm
Travel Speed (High / Low)	5.5 / 3.0 km/h
Gradeability	70% (35°)
Maximum Digging Depth	≈ 6,730 mm
Maximum Reach at Ground	≈ 10,100 mm
Maximum Dumping Height	≈ 6,900 mm
Overall Dimensions (LxWxH)	≈ 10,410 × 3,190 × 3,040 mm
Track Shoe Width	600 mm (optional 700 / 800 mm)
Fuel Tank Capacity	≈ 500 L
Hydraulic Oil Tank Capacity	≈ 210 L

Declaration: This specification sheet is intended for reference only. Actual machine specifications, configuration, performance, and ground conditions may vary depending on manufacturing batch, equipment condition, region, and jobsite environment.