

KOMATSU

Komatsu PC270HW



Log Loader

Engine Power
149 kW

Operating Weight
31,500 kg

PC270HW

Komatsu Forest's Unique Forest Combination

Specifications

ENGINE

Model	Komatsu SAA6D107E-1
Type	Water-cooled, 4-cycle, direct injection
Aspiration	Turbocharged, aftercooled
Number of cylinders	6
Piston displacement	6.69 L
Horsepower	
SAE J1995	Gross 149 kW 200 HP
Rated rpm	2050 rpm

HYDRAULICS

Type	HydrauMind
Number of selectable working modes	4
Main pump	
Type	Variable displacement piston type
Pumps for	Boom, arm, bucket, swing, and travel circuits
Maximum flow	450 L/min
Hydraulic motors	
Travel	2x axial piston motor
Swing	1x axial piston motor
Relief valve setting	
Implement circuits	37.3 MPa 380 kgf/cm ²
Travel circuit	37.3 MPa 380 kgf/cm ²
Swing circuit	28.9 MPa 295 kgf/cm ²
Pilot circuit	3.2 MPa 33 kgf/cm ²
Hydraulic cylinders	
Boom	2- 140 x 1300 x 100 mm
Arm	1- 150 x 1635 x 110 mm

DRIVES AND BRAKES

Steering control	Two levers with pedals
Drive method	Hydrostatic
Maximum drawbar pull	264 kN 26,900 kgf
Gradeability	70%, 35°
Maximum travel speed (Auto-Shift)	
High	4.5 km/h
Mid	3.3 km/h
Low	2.8 km/h
Service brake	Hydraulic lock
Parking brake	Mechanical disc brake

SWING SYSTEM

Drive method	Hydrostatic
Swing reduction	Planetary gear
Swing circle lubrication	Grease-bathed
Service brake	Hydraulic lock
Holding brake/Swing lock	Mechanical disc brake
Swing speed	10.5 rpm

UNDERCARRIAGE

Center frame	X-frame
Track frame	Box-section
Seal of track	Sealed track
Track adjuster	Hydraulic
Number of shoes (Each side)	48
Number of carrier rollers	2 each side
Number of track rollers (Each side)	8

COOLANT AND LUBRICANT CAPACITY (REFILLING)

Fuel tank	400 L
Coolant	20.6 L
Engine	23.1 L
Final drive (Each side)	8.5 L
Swing drive	8.2 L
Hydraulic tank	132 L

OPERATING WEIGHT

Operating Weight	31,500 kg
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MACHINE DIMENSIONS

A Overall length	9,240 mm
B Overall width (Track)	3,470 mm
C Overall height	3,980 mm
D Tail swing radius	2,940 mm
E Crawler length	4,955 mm
F Ground Clearance (Max)	865 mm
G Ground Clearance (Counterweight)	1,590 mm
H Track shoe width	600 mm
I Boom Reach (Hinge Pin)	9,718 mm

