

KOMATSU

Komatsu PC400HL



Harvestline

Engine Power
270 kW

Operating Weight
48,000 kg

Komatsu Forest Pty Ltd.
www.komatsuforest.com.au

PC400HL

Komatsu Forest's Unique Forest Combination

Specifications

ENGINE

Model	Komatsu SAA6D125E-5
Type	Water-cooled, 4-cycle, direct injection
Aspiration	Turbocharged, aftercooled
Number of cylinders	6
Piston displacement	11.04 L
Horsepower	
SAE J1995	Gross 270 kW 362 HP
Rated rpm	1900 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	690 L/min
Hydraulic motors	
Travel	2x axial piston motor with parking brake
Swing	1x axial piston motor with swing holding brake
Relief valve setting	
Implement circuits	37.3 MPa 380 kgf/cm ²
Travel circuit	37.3 MPa 380 kgf/cm ²
Swing circuit	27.9 MPa 285 kgf/cm ²
Pilot circuit	3.2 MPa 33 kgf/cm ²
Hydraulic cylinders	
Boom	2- 160 x 1570 x 100 mm
Arm	1- 185 x 1820 x 120 mm

DRIVES AND BRAKES

Steering control	Two levers with pedals
Drive method	Hydrostatic
Maximum drawbar pull	330 kN 33,700 kgf
Gradeability	70%, 35°
Maximum travel speed (Auto-Shift)	
High	5.5 km/h
Mid	4.0 km/h
Low	3.0 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	9.1 rpm

UNDERCARRIAGE

Center frame	X-frame
Track frame	Box-section
Seal of track	Sealed track
Track adjuster	Hydraulic
Number of shoes (Each side)	49
Number of carrier rollers	2 each side
Number of track rollers (Each side)	8

COOLANT AND LUBRICANT CAPACITY (REFILLING)

Fuel tank	650 L
Coolant	36.0 L
Engine	37.0 L
Final drive (Each side)	10.5 L
Swing drive	20.0 L
Hydraulic tank	248 L

OPERATING WEIGHT

Operating Weight	48,000 kg
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MACHINE DIMENSIONS

A	Overall length	11,760 mm
B	Overall width (Track)	3,600 mm
C	Overall height	4,975 mm
D	Tail swing radius	5,050 mm
E	Crawler length	5,390 mm
F	Ground Clearance (Max)	760 mm
G	Ground Clearance (Counterweight)	1,560 mm
H	Track shoe width	700 mm
I	Boom Reach (Hinge Pin)	11,370 mm

