

KOMATSU

Komatsu PC300HW



Harvester/Processor

Engine Power
194 kW

Operating Weight
38,500 kg

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

PC300HW

Komatsu Forest's Unique Forest Combination

Specifications

ENGINE

Model	Komatsu SAA6D114E-3	
Type	Water-cooled, 4-cycle, direct injection	
Aspiration	Turbocharged, aftercooled	
Number of cylinders	6	
Piston displacement	8.27 L	
Horsepower		
SAE J1995	Gross 194 kW 260 HP	
Rated rpm	1950 rpm	

HYDRAULICS

Type	HydrauMind	
Number of selectable working modes	6	
Main pump		
Type	Two variable displacement piston type	
Pumps for	Boom, arm, bucket, swing, and travel circuits	
Maximum flow	535 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- 140 x 1480 x 100 mm	
Arm	1- 160 x 1825 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	5.5 km/h	
Mid	4.5 km/h	
Low	3.2 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	9.5 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	605 L	
Coolant	31.0 L	
Engine	37.0 L	
Final drive (Each side)	9.0 L	
Swing drive	16.5 L	
Hydraulic tank	188 L	

OPERATING WEIGHT

Operating Weight	38,500 kg	
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MACHINE DIMENSIONS

A	Overall length	9,650 mm
B	Overall width (Track)	3,470 mm
C	Overall height	3,980 mm
D	Tail swing radius	3,450 mm
E	Crawler length	4,955 mm
F	Ground Clearance (Max)	865 mm
G	Ground Clearance (Counterweight)	1,640 mm
H	Track shoe width	600 mm
I	Boom Reach (Hinge Pin)	10,139 mm

