

KOMATSU

Komatsu PC300TL



Tractionline

Engine Power
194 kW

Operating Weight
42,000 kg

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

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

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MACHINE DIMENSIONS

A Overall length	9,980 mm
B Overall width (Track)	3,470 mm
C Overall height	3,905 mm
D Tail swing radius	5,465 mm
E Crawler length	4,900 mm
F Ground Clearance (Max)	870 mm
G Ground Clearance (Counterweight)	1,575 mm
H Track shoe width	600 mm
I Boom Reach (Hinge Pin)	8,030 mm

