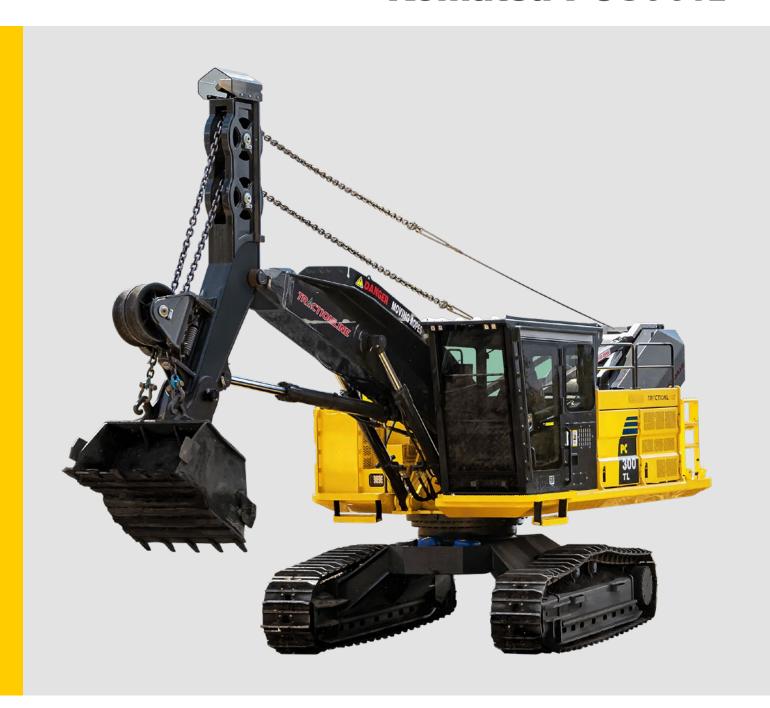


Komatsu PC300TL



Tractionline

Engine Power 194 kW

Operating Weight 42,000 kg

PC300TL

Komatsu Forest's Unique Forest Combination

Specifications

ENGINE

Model	Komatsu SAA6D114E-3
Туре	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

Туре	HydrauMind
Number of selectable working modes	
Main pump	
Туре	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/cm2
Travel circuit	37.3 MPa 380 kgf/cm2
Swing circuit	27.9 MPa 285 kgf/cm2
Pilot circuit	3.2 MPa 33 kgf/cm2
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	42,000 kg
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MACHINE DIMENSIONS

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

