

KOMATSU

Komatsu PC270LL



Log Loader

Engine Power
149 kW

Operating Weight
33,000 kg

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

PC270LL

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 | 33,000 kg |
|------------------|-----------|

MACHINE DIMENSIONS

| | | |
|---|-----------------------------------|----------|
| A | Overall length | 9,240 mm |
| B | Overall width (Track) | 3,470 mm |
| C | Overall height | 5,050 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 |
| J | Cabin height (Transport position) | 3,900 mm |

