

# KOMATSU

## Komatsu PC270HW



Harvester/Processor

Engine Power  
149 kW

Operating Weight  
31,500 kg

Komatsu Forest Pty Ltd.  
[www.komatsuforest.com.au](http://www.komatsuforest.com.au)

# PC270HW

# 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 <sup>2</sup>	
Travel circuit	37.3 MPa 380 kgf/cm <sup>2</sup>	
Swing circuit	28.9 MPa 295 kgf/cm <sup>2</sup>	
Pilot circuit	3.2 MPa 33 kgf/cm <sup>2</sup>	
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	31,500 kg
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### MACHINE DIMENSIONS

A Overall length	9,240 mm
B Overall width (Track)	3,470 mm
C Overall height	3,980 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

