HORSEPOWER
Gross: 149 kW 200 HP / 2050 rpm
Net: 140 kW 187 HP / 2050 rpm

OPERATING WEIGHT
PC270-8: 27140 – 28050 kg
59,830 – 61,840 lb
PC270LC-8: 28040 – 29020 kg
61,820 – 63,980 lb

Photo may include optional equipment.
Ecology and Economy Features

- **Low fuel consumption by total control of the engine, hydraulic and electronic system.**
  Reduces fuel consumption by approx. 10%. (Compared with the PC270-7)

- **Low emission engine**
  A powerful, turbocharged and air-to-air aftercooled Komatsu SAA6D107E-1 provides 140 kW 187 HP. This engine is U.S. EPA Tier 3 and EU Stage 3A emissions certified, without sacrificing power or machine productivity.
  - Economy mode improves fuel consumption.
  - ECO gauge for energy-saving operations
  - Extended idling caution for fuel conservation

- **Low operation noise**
  The dynamic noise is lowered by 1 dB compared with the PC270-7, realizing a low noise operation.

- **Large Drawbar Pull**
  Provides superb steering and slope climbing performance.
  See pages 4 and 5.

Safety Design

- Cab dedicated to hydraulic excavator for protecting the operator in the event of a roll over accident.
- Slip-resistant plates for safe work on machine
- Safety enhancement with large side-view, sidewise, and rear mirrors added.
- Rear view monitoring system for easy checking behind the machine (Optional)
- ROPS cab (ISO 12117-2)
  See page 7.

Large Liquid Crystal Display (LCD) monitor

- Easy-to-see and use 7” large multi-function color monitor
- Can be displayed in 12 languages for global support.
  See page 8.
Large Comfortable Cab

- Low-noise cab, similar to passenger car
- Low vibration with cab damper mounting
- Highly pressurized cab with optional air conditioner
- Operator seat and console with armrest that enables operations in the appropriate operational posture

See page 6.

Easy Maintenance

- Long replacement interval of engine oil, engine oil filter, and hydraulic filter
- Remote mounted engine oil filter and fuel drain valve for easy access
- Equipped with the fuel pre-filter as standard (With water separator)
- Side-by-side cooling concept enables individual cooling modules to be serviced.
- Equipped with the equipment management monitoring system

See page 9.
Komatsu Technology

Komatsu develops and produces all major components, such as engines, electronics and hydraulic components, in house. With this “Komatsu Technology,” and adding customer feedback, Komatsu is achieving great advancements in technology. To achieve both high levels of productivity and economical performance, Komatsu has developed the main components with a total control system. The result is a new generation of high performance and environment friendly excavators.

Low Fuel Consumption

The newly-developed Komatsu SAA6D107E-1 [ecot3] engine enables NOx emissions to be significantly reduced with the accurate multi-staged fuel injection by the engine controller. It improves total engine durability using the high-pressure fuel injection system developed specifically for construction machinery. This excavator significantly reduces hourly fuel consumption using the highly-efficient matching techniques of the engine and hydraulic unit and also provides features that promote energy-saving operations such as the E mode and ECO gauge.

Fuel consumption 10% reduced

Compared with the PC270-7 at P mode and 100% working efficiency, Fuel consumption varies depending on job conditions.
Low Emission Engine
Komatsu SAA6D107E-1 meets U.S. EPA Tier 3 and EU Stage 3A emissions certified and reduced NOx emission by 29% compared with the PC270-7.

Working Modes Selectable
Two established work modes are further improved.

P mode – Power or work priority mode has low fuel consumption, but fast equipment speed and maximum production and power are maintained.

E mode – Economy or fuel priority mode further reduces fuel consumption, but maintains the P-mode-like working equipment speed for light duty work.

You can select Power or Economy modes using a one-touch operation on the monitor panel depending on workloads.

Low Operation Noise
Enables a low noise operation using the low-noise engine and methods to cut noise at source.

Idling Caution
To prevent unnecessary fuel consumption, an idling caution is displayed on the monitor, if the engine idles for 5 minutes or more.

Large Maximum Drawbar Pull
PC270-8’s maximum drawbar pull provides superb slope climbing performance.

The optional heavy duty travel motor gives a extra 6% increase.
Low Cab Noise

The newly-designed cab is highly rigid and has excellent sound absorption ability. Thorough improvement of noise source reduction and use of low noise engine, hydraulic equipment, and air conditioner allows this machine to generate a low level of noise similar to that of a passenger car.

Low Vibration with Cab Damper Mounting

PC270-8 uses viscous damper mounting for cab that incorporates longer stroke and the addition of a spring. The new cab damper mounting combined with high rigidity deck aids vibration reduction at operator seat.

Wide Newly-designed Cab

Newly-designed wide spacious cab includes seat with reclining backrest. The seat height and longitudinal inclination are easily adjusted using a pull-up lever. You can set the appropriate operational posture of armrest together with the console. Reclining the seat further enables you to place it into the fully flat state with the headrest attached.

Pressurized Cab

Optional air conditioner, air filter and a higher internal air pressure (+6.0 mm Aq +0.2"Aq) prevent external dust from entering the cab.

Automatic Air Conditioner (Optional)

Enables you to easily and precisely set cab atmosphere with the instruments on the large LCD. The bi-level control function keeps the operator’s head and feet cool and warm respectively. This improved air flow function keeps the inside of the cab comfortable throughout the year. Defroster function keeps front glass clear.
Safety Features

**ROPS Cab**
The machine is equipped with a ROPS cab that conforms to ISO 12117-2 for excavators as standard equipment. The ROPS cab has high shock-absorption performance, featuring excellent durability and impact strength. It also satisfies the requirements of ISO 10262 OPG top guard level 1 for falling objects. Combined with the retractable seat belt, the ROPS cab protects the operator in case of tipping over and against falling objects.

**Lock Lever**
Locks the hydraulic pressure to prevent unintentional movement. Neutral start function allows machine to be started only in lock position.

**Large Side-view, Rear, and Sidewise Mirrors**
Enlarged left-side mirror and addition of rear and side mirror allow the PC270-8 to meet the visibility requirements (ISO 5006).

**Rear View Monitoring System (Optional)**
The operator can view the rear of the machine with a color monitor screen.

**Slip-resistant Plates**
Highly durable slip-resistant plates maintain superior traction performance for the long term.

**Pump/engine Room Partition**
Pump/engine room partition prevents oil from spraying onto the engine if a hydraulic hose should burst.

**Thermal and Fan Guards**
Thermal and fan guards are placed around high-temperature parts of the engine and fan drive.
Large LCD Color Monitor

Large Multi-lingual LCD Monitor
A large user-friendly color monitor enables safe, accurate and smooth work. Improved screen visibility is achieved by the use of LCD that can easily be read at various angles and lighting conditions. Simple and easy to operate switches. Industry first function keys facilitate multi-function operations. Displays data in 12 languages to globally support operators around the world.

Mode Selection
The multi-function color monitor has Power mode, Economy mode, Lifting mode, Breaker mode and Attachment mode.

<table>
<thead>
<tr>
<th>Working Mode</th>
<th>Application</th>
<th>Advantage</th>
</tr>
</thead>
<tbody>
<tr>
<td>P</td>
<td>Power mode</td>
<td>• Maximum production/power</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Fast cycle time</td>
</tr>
<tr>
<td>E</td>
<td>Economy mode</td>
<td>• Excellent fuel economy</td>
</tr>
<tr>
<td>L</td>
<td>Lifting mode</td>
<td>• Hydraulic pressure is increased by 7%</td>
</tr>
<tr>
<td>B</td>
<td>Breaker operation</td>
<td>• Optimum engine rpm, hydraulic flow</td>
</tr>
<tr>
<td>ATT</td>
<td>Attachment mode</td>
<td>• Optimum engine rpm, hydraulic flow, 2 way</td>
</tr>
</tbody>
</table>

Lifting Mode
When the Lifting mode is selected, lifting capacity is increased 7% by raising hydraulic pressure.

Equipment Management Monitoring System

Monitor function
Controller monitors engine oil level, coolant temperature, battery charge and air clogging, etc. If controller finds any abnormality, it is displayed on the LCD.

Maintenance function
Monitor informs replacement time of oil and filters on LCD when the replacement interval is reached.

Trouble data memory function
Monitor stores abnormalities for effective troubleshooting.
HYDRAULIC EXCAVATOR

MAINTENANCE FEATURES

Side-by-side Cooling
Since radiator, aftercooler and oil cooler are arranged in parallel, it is easy to clean, remove and install them. Radiator, aftercooler, and oil cooler made of aluminum have high cooling efficiency and are easily recycled.

Easy Access to Engine Oil Filter and Fuel Drain Valve
Engine oil filter and fuel drain valve are remote mounted to improve accessibility.

Sloping Track Frame
Prevents dirt and sand from accumulating and allows easy mud removal.

Gas Assisted Engine Hood Damper Cylinders
The engine hood can be easily opened and closed with the assistance of the gas assisted engine hood damper cylinders.

Equipped with the Fuel Pre-filter (With Water Separator)
Removes water and contaminants in the fuel to prevent fuel problems. (With built-in priming pump)

Long-life Oil, Filter
Uses high-performance filtering materials and long-life oil. Extends the oil and filter replacement interval.

Washable Cab Floormat
The PC270-8’s cab floormat is easy to keep clean. The gently inclined surface has a flanged floormat and drainage holes to facilitate runoff.

Equipped with the Eco-drain Valve as Standard.
Prevents clothes and the ground from becoming contaminated due to oil leakage when replacing the engine oil.

Large-capacity Fuel Tank and Rustproof Treatment

Long Work Equipment Greasing Interval (Optional)
High quality BMRC bushings and resin shims are optionally available for work equipment pins excluding bucket, extending greasing interval to 500 hours.

Air Conditioner Filter (Optional)
The air conditioner filter is removed and installed without the use of tools facilitating filter maintenance.

Maintenance Schedule

<table>
<thead>
<tr>
<th>Component</th>
<th>Interval</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engine oil &amp; Engine oil filter</td>
<td>every 500 hours</td>
</tr>
<tr>
<td>Hydraulic oil</td>
<td>every 5000 hours</td>
</tr>
<tr>
<td>Hydraulic oil filter</td>
<td>every 1000 hours</td>
</tr>
</tbody>
</table>

Hydraulic oil filter (Eco-white element)
SPECIFICATIONS

**ENGINE**

- Model: Komatsu SAA6D107E-1
- Type: Water-cooled, 4-cylinder, direct injection
- Aspiration: Turbocharged, aftercooled
- Number of cylinders: 6
- Bore: 107 mm 4.21"
- Stroke: 124 mm 4.88"
- Piston displacement: 6.69 ltr 408 in³
- Horsepower:
  - SAE J1995: Gross 149 kW 200 HP
  - ISO 9249 / SAE J1349: Net 140 kW 187 HP
- Rated rpm: 2050 rpm
- Fan drive method for radiator cooling: Mechanical
- Governor: All-speed control, electronic
- U.S. EPA Tier 3 and EU Stage 3A certified

**HYDRAULICS**

- Type: HydrauMind (Hydraulic Mechanical Intelligence New Design) system, closed-center system with load sensing valves and pressure compensated valves
- 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 ltr/min 119 U.S. gal/min
  - Supply for control circuit: Self-reducing valve
  - Hydraulic motors:
    - Travel: 2 x axial piston motor with parking brake
    - Swing: 1 x axial piston motor with swing holding brake
  - Relief valve setting:
    - Hydraulic motors: 37.3 MPa 5,400 psi
    - Travel circuit: 37.3 MPa 5,400 psi
    - Swing circuit: 28.9 MPa 4,190 psi
    - Pilot circuit: 3.2 MPa 470 psi
- Hydraulic cylinders:
  - (Number of cylinders – bore x stroke x rod diameter)
    - Boom: 2 – 140 mm x 1300 mm x 100 mm 5.5" x 51.2" x 3.9"
    - Arm: 1 – 150 mm x 1635 mm x 110 mm 5.9" x 64.3" x 4.3"
    - Bucket: 1 – 140 mm x 1009 mm x 100 mm 5.5" x 39.7" x 3.9"

**DRIVES AND BRAKES**

- Steering control: Two levers with pedals
- Drive method: Hydrostatic
- Maximum drawbar pull: 249 kN 25400 kgf 56,000 lb
  - *(264 kN 26900 kgf 59,300 lb)*
- Gradeability: 70%, 35°
- Maximum travel speed: High 5.5 km/h 3.4 mph *(4.5 km/h 2.8 mph)*
  - (Auto-Shift) Mid 4.1 km/h 2.5 mph *(3.3 km/h 2.1 mph)*
  - Low 3.0 km/h 1.9 mph *(2.8 km/h 1.8 mph)*
- Service brake: Hydraulic lock
- Parking brake: Mechanical disc brake
  - *(With optional heavy duty travel motor)*

**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
- Swing drive:
  - Swing speed: 10.5 rpm
  - Holding brake/Swing lock: Mechanical disc brake
- Number of shoes (Each side): 45
- Number of track rollers (Each side): 2 each side
- Number of track rollers (Each side): 8

**COOLANT AND LUBRICANT CAPACITY (REFILLING)**

- Fuel tank: 400 ltr 105.7 U.S. gal
- Coolant: 20.6 ltr 5.4 U.S. gal
- Engine: 23.1 ltr 6.1 U.S. gal
- Final drive (Each side): 8.5 ltr 2.2 U.S. gal
- Swing drive: 8.2 ltr 2.2 U.S. gal
- Hydraulic tank: 132 ltr 34.9 U.S. gal

**OPERATING WEIGHT (APPROXIMATE)**

- Operating weight including 5850 mm 192" one-piece boom, 3045 mm 10’0" arm, SAE heaped
- Rated capacity of lubricants, coolant, full fuel tank, operator, and standard equipment.

<table>
<thead>
<tr>
<th>Shoes</th>
<th>PC270-8</th>
<th>PC270LC-8</th>
</tr>
</thead>
<tbody>
<tr>
<td>600 mm 24”</td>
<td>27140 kg 59,830 lb</td>
<td>55 kPa 0.56 kgf/cm² 7.96 psi</td>
</tr>
<tr>
<td>700 mm 28”</td>
<td>27700 kg 61,070 lb</td>
<td>48 kPa 0.49 kgf/cm² 6.97 psi</td>
</tr>
<tr>
<td>800 mm 31.5”</td>
<td>28050 kg 61,840 lb</td>
<td>42 kPa 0.43 kgf/cm² 6.15 psi</td>
</tr>
</tbody>
</table>

*CAPACITY (REFILLING)*

- Operating weight including 5850 mm 192" one-piece boom, 3045 mm 10’0” arm, SAE heaped
- Rated capacity of lubricants, coolant, full fuel tank, operator, and standard equipment.
### Dimensions

<table>
<thead>
<tr>
<th>Dimension</th>
<th>PC270-8</th>
<th>PC270LC-8</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall length</td>
<td>9840 mm 32’7”</td>
<td>9860 mm 32’4”</td>
</tr>
<tr>
<td>Length on ground (transport)</td>
<td>6090 mm 12’0”</td>
<td>5330 mm 17’6” 9650 mm 16’9”</td>
</tr>
<tr>
<td>Grouser height</td>
<td>2625 mm 20’6”</td>
<td>5495 mm 18’0” 5095 mm 16’9”</td>
</tr>
<tr>
<td>Machine cab height</td>
<td>3110 mm 10’10” 3205 mm 10’0” 3280 mm 10’9”</td>
<td></td>
</tr>
<tr>
<td>Overall height (to top of boom)*</td>
<td>3100 mm 10’10” 3225 mm 10’10” 3280 mm 10’10”</td>
<td></td>
</tr>
<tr>
<td>Tail swing radius</td>
<td>2940 mm 9’6”</td>
<td>2940 mm 9’0”</td>
</tr>
<tr>
<td>Track length on ground</td>
<td>3700 mm 12’2”</td>
<td>4630 mm 13’3”</td>
</tr>
<tr>
<td>Track length</td>
<td>4625 mm 15’2”</td>
<td>4955 mm 16’3”</td>
</tr>
<tr>
<td>Track gauge</td>
<td>2950 mm 8’6”</td>
<td>2950 mm 8’0”</td>
</tr>
<tr>
<td>Width of crawler</td>
<td>3190 mm 10’6”</td>
<td>3290 mm 10’10”</td>
</tr>
<tr>
<td>Shoe width</td>
<td>460 mm 24”</td>
<td>700 mm 28”</td>
</tr>
<tr>
<td>Grouser height</td>
<td>36 mm 1’2”</td>
<td>36 mm 1’4”</td>
</tr>
<tr>
<td>Machine cab height</td>
<td>2225 mm 7’4”</td>
<td>2225 mm 7’4”</td>
</tr>
<tr>
<td>Machine cab width</td>
<td>2710 mm 8’11”</td>
<td>2710 mm 8’11”</td>
</tr>
<tr>
<td>Distance, swing center to rear end</td>
<td>2905 mm 9’6” 2905 mm 9’0”</td>
<td></td>
</tr>
</tbody>
</table>

* : Including grouser height

### Working Range

<table>
<thead>
<tr>
<th>Bucket Capacity</th>
<th>SAE, PCSA</th>
<th>CECE</th>
<th>Weight (kg)</th>
<th>Number of Teeth</th>
<th>Arm Length (m)</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Heaped)</td>
<td>Without Side Cutters</td>
<td>With Side Cutters</td>
<td>With Side Cutters</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.14 m³</td>
<td>1300 mm 51.2”</td>
<td>1405 mm 55.3”</td>
<td>793 kg 1,750 lb</td>
<td>5</td>
<td>2.5 m 8’2”</td>
</tr>
<tr>
<td>1.26 m³</td>
<td>1400 mm 55.1”</td>
<td>1505 mm 59.3”</td>
<td>845 kg 1,860 lb</td>
<td>5</td>
<td>3.0 m 10’0”</td>
</tr>
</tbody>
</table>

* General purpose use, density up to 1.8 ton/m³, 1.52 U.S. ton/yd³
LIFTING CAPACITY

A: Reach from swing center
B: Bucket hook height
C: Lifting capacity
Cf: Rating over front
Cs: Rating over side
MAX: Rating at maximum reach

### PC270-8

<table>
<thead>
<tr>
<th>A</th>
<th>MAX</th>
<th>B</th>
<th>7.6 m 25'</th>
<th>6.1 m 20'</th>
<th>4.6 m 15'</th>
<th>3.0 m 10'</th>
<th>1.5 m 5'</th>
</tr>
</thead>
<tbody>
<tr>
<td>7.6 m 25'</td>
<td><em>5500 kg</em></td>
<td><em>5500 kg</em></td>
<td><em>5500 kg</em></td>
<td><em>5500 kg</em></td>
<td><em>5500 kg</em></td>
<td><em>5500 kg</em></td>
<td><em>5500 kg</em></td>
</tr>
<tr>
<td>6.1 m 20'</td>
<td><em>5300 kg</em></td>
<td><em>5100 kg</em></td>
<td><em>4900 kg</em></td>
<td><em>4900 kg</em></td>
<td><em>4900 kg</em></td>
<td><em>4900 kg</em></td>
<td><em>4900 kg</em></td>
</tr>
<tr>
<td>4.6 m 15'</td>
<td><em>5100 kg</em></td>
<td><em>4900 kg</em></td>
<td><em>4900 kg</em></td>
<td><em>4900 kg</em></td>
<td><em>4900 kg</em></td>
<td><em>4900 kg</em></td>
<td><em>4900 kg</em></td>
</tr>
<tr>
<td>3.0 m 10'</td>
<td><em>5000 kg</em></td>
<td><em>4800 kg</em></td>
<td><em>4800 kg</em></td>
<td><em>4800 kg</em></td>
<td><em>4800 kg</em></td>
<td><em>4800 kg</em></td>
<td><em>4800 kg</em></td>
</tr>
<tr>
<td>1.5 m 5'</td>
<td><strong>7950 kg</strong></td>
<td><em>7950 kg</em></td>
<td><em>7950 kg</em></td>
<td><em>7950 kg</em></td>
<td><em>7950 kg</em></td>
<td><em>7950 kg</em></td>
<td><em>7950 kg</em></td>
</tr>
<tr>
<td>0 m</td>
<td><em>7950 kg</em></td>
<td><em>7950 kg</em></td>
<td><em>7950 kg</em></td>
<td><em>7950 kg</em></td>
<td><em>7950 kg</em></td>
<td><em>7950 kg</em></td>
<td><em>7950 kg</em></td>
</tr>
<tr>
<td>–1.5 m</td>
<td><em>7950 kg</em></td>
<td><em>7950 kg</em></td>
<td><em>7950 kg</em></td>
<td><em>7950 kg</em></td>
<td><em>7950 kg</em></td>
<td><em>7950 kg</em></td>
<td><em>7950 kg</em></td>
</tr>
<tr>
<td>–3.0 m</td>
<td><em>7950 kg</em></td>
<td><em>7950 kg</em></td>
<td><em>7950 kg</em></td>
<td><em>7950 kg</em></td>
<td><em>7950 kg</em></td>
<td><em>7950 kg</em></td>
<td><em>7950 kg</em></td>
</tr>
<tr>
<td>–4.6 m</td>
<td><em>7950 kg</em></td>
<td><em>7950 kg</em></td>
<td><em>7950 kg</em></td>
<td><em>7950 kg</em></td>
<td><em>7950 kg</em></td>
<td><em>7950 kg</em></td>
<td><em>7950 kg</em></td>
</tr>
</tbody>
</table>

### PC350-8

<table>
<thead>
<tr>
<th>A</th>
<th>MAX</th>
<th>B</th>
<th>7.6 m 25'</th>
<th>6.1 m 20'</th>
<th>4.6 m 15'</th>
<th>3.0 m 10'</th>
<th>1.5 m 5'</th>
</tr>
</thead>
<tbody>
<tr>
<td>7.6 m 25'</td>
<td><em>3450 kg</em></td>
<td><em>3450 kg</em></td>
<td><em>3450 kg</em></td>
<td><em>3450 kg</em></td>
<td><em>3450 kg</em></td>
<td><em>3450 kg</em></td>
<td><em>3450 kg</em></td>
</tr>
<tr>
<td>6.1 m 20'</td>
<td><em>3300 kg</em></td>
<td><em>3100 kg</em></td>
<td><em>2900 kg</em></td>
<td><em>2900 kg</em></td>
<td><em>2900 kg</em></td>
<td><em>2900 kg</em></td>
<td><em>2900 kg</em></td>
</tr>
<tr>
<td>4.6 m 15'</td>
<td><em>3050 kg</em></td>
<td><em>2900 kg</em></td>
<td><em>2900 kg</em></td>
<td><em>2900 kg</em></td>
<td><em>2900 kg</em></td>
<td><em>2900 kg</em></td>
<td><em>2900 kg</em></td>
</tr>
<tr>
<td>3.0 m 10'</td>
<td><em>3000 kg</em></td>
<td><em>2900 kg</em></td>
<td><em>2900 kg</em></td>
<td><em>2900 kg</em></td>
<td><em>2900 kg</em></td>
<td><em>2900 kg</em></td>
<td><em>2900 kg</em></td>
</tr>
<tr>
<td>1.5 m 5'</td>
<td><em>4500 kg</em></td>
<td><em>3600 kg</em></td>
<td><em>3300 kg</em></td>
<td><em>3300 kg</em></td>
<td><em>3300 kg</em></td>
<td><em>3300 kg</em></td>
<td><em>3300 kg</em></td>
</tr>
<tr>
<td>0 m</td>
<td><em>5000 kg</em></td>
<td><em>4200 kg</em></td>
<td><em>3600 kg</em></td>
<td><em>3600 kg</em></td>
<td><em>3600 kg</em></td>
<td><em>3600 kg</em></td>
<td><em>3600 kg</em></td>
</tr>
<tr>
<td>–1.5 m</td>
<td><em>5000 kg</em></td>
<td><em>4200 kg</em></td>
<td><em>3600 kg</em></td>
<td><em>3600 kg</em></td>
<td><em>3600 kg</em></td>
<td><em>3600 kg</em></td>
<td><em>3600 kg</em></td>
</tr>
<tr>
<td>–3.0 m</td>
<td><em>5000 kg</em></td>
<td><em>4200 kg</em></td>
<td><em>3600 kg</em></td>
<td><em>3600 kg</em></td>
<td><em>3600 kg</em></td>
<td><em>3600 kg</em></td>
<td><em>3600 kg</em></td>
</tr>
<tr>
<td>–4.6 m</td>
<td><em>5000 kg</em></td>
<td><em>4200 kg</em></td>
<td><em>3600 kg</em></td>
<td><em>3600 kg</em></td>
<td><em>3600 kg</em></td>
<td><em>3600 kg</em></td>
<td><em>3600 kg</em></td>
</tr>
</tbody>
</table>

### Notes

- Load is limited by hydraulic capacity rather than tipping. Ratings are based on ISO Standard No.10567. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.
**LIFTING CAPACITY**

- **Reach from swing center**
- **A**: Bucket hook height
- **B**: Lifting capacity
- **C**: Rating over front
- **Ct**: Rating over side
- **Cs**: Rating at maximum reach

### PC270LC-8

#### Arm: 2500 mm (8'2")
- Bucket: 1.26 m$^3$ (1.65 yd$^3$)
- Shoe: 700 mm (28") triple grouser

<table>
<thead>
<tr>
<th>A</th>
<th>MAX</th>
<th>7.6 m 25'</th>
<th>6.1 m 20'</th>
<th>4.6 m 15'</th>
<th>3.0 m 10'</th>
<th>1.5 m 5'</th>
</tr>
</thead>
<tbody>
<tr>
<td>B</td>
<td>Cf</td>
<td>Cs</td>
<td>Cf</td>
<td>Cs</td>
<td>Cf</td>
<td>Cs</td>
</tr>
<tr>
<td>7.6 m 25'</td>
<td>*5550 kg</td>
<td>*12,300 lb</td>
<td>*5550 kg</td>
<td>*12,300 lb</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6.1 m 20'</td>
<td>*5350 kg</td>
<td>*11,800 lb</td>
<td>5100kg</td>
<td></td>
<td>*7150 kg</td>
<td>*15,700 lb</td>
</tr>
<tr>
<td>4.6 m 15'</td>
<td>*4540 kg</td>
<td>*10,000 lb</td>
<td>4500 kg</td>
<td>9900 kg</td>
<td>*9400 kg</td>
<td>*20,700 lb</td>
</tr>
<tr>
<td>3.0 m 10'</td>
<td>*5800 kg</td>
<td>*12,600 lb</td>
<td>5600 kg</td>
<td>10800 kg</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.5 m 5'</td>
<td>6200 kg</td>
<td>13,700 lb</td>
<td>4200 kg</td>
<td>9000 kg</td>
<td>11500 kg</td>
<td></td>
</tr>
<tr>
<td>0 m 0'</td>
<td>6400 kg</td>
<td>14,100 lb</td>
<td>4100 kg</td>
<td>9000 kg</td>
<td>11500 kg</td>
<td></td>
</tr>
<tr>
<td>-1.5 m</td>
<td>7100 kg</td>
<td>15,200 lb</td>
<td>9850 kg</td>
<td>21,700 kg</td>
<td></td>
<td></td>
</tr>
<tr>
<td>-3.0 m -10'</td>
<td>8800 kg</td>
<td>19,400 lb</td>
<td>*9900 kg</td>
<td>*21,800 lb</td>
<td></td>
<td></td>
</tr>
<tr>
<td>-4.6 m -15'</td>
<td>9000 kg</td>
<td>19,900 lb</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### PC270LC-8

#### Arm: 3045 mm (10')
- Bucket: 1.26 m$^3$ (1.65 yd$^3$)
- Shoe: 700 mm (28") triple grouser

<table>
<thead>
<tr>
<th>A</th>
<th>MAX</th>
<th>7.6 m 25'</th>
<th>6.1 m 20'</th>
<th>4.6 m 15'</th>
<th>3.0 m 10'</th>
<th>1.5 m 5'</th>
</tr>
</thead>
<tbody>
<tr>
<td>B</td>
<td>Cf</td>
<td>Cs</td>
<td>Cf</td>
<td>Cs</td>
<td>Cf</td>
<td>Cs</td>
</tr>
<tr>
<td>7.6 m 25'</td>
<td>*3450 kg</td>
<td>*7,800 lb</td>
<td>*3450 kg</td>
<td>*7,800 lb</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6.1 m 20'</td>
<td>*3300 kg</td>
<td>*7,300 lb</td>
<td>*4100 kg</td>
<td>*9,100 lb</td>
<td>*6350 kg</td>
<td>*14,000 lb</td>
</tr>
<tr>
<td>4.6 m 15'</td>
<td>*3350 kg</td>
<td>*7,300 lb</td>
<td>*6250 kg</td>
<td>*13,600 lb</td>
<td>*7200 kg</td>
<td>*14,900 lb</td>
</tr>
<tr>
<td>3.0 m 10'</td>
<td>*3500 kg</td>
<td>*7,600 lb</td>
<td>*7250 kg</td>
<td>*14,600 lb</td>
<td>*8450 kg</td>
<td>*16,400 lb</td>
</tr>
<tr>
<td>1.5 m 5'</td>
<td>3900 kg</td>
<td>8,600 lb</td>
<td>4200 kg</td>
<td>9,300 lb</td>
<td>*8750 kg</td>
<td>*15,900 lb</td>
</tr>
<tr>
<td>0 m 0'</td>
<td>4500 kg</td>
<td>9,900 lb</td>
<td>4500 kg</td>
<td>9,900 lb</td>
<td>*9950 kg</td>
<td>*12,700 lb</td>
</tr>
<tr>
<td>-1.5 m</td>
<td>5500 kg</td>
<td>12,200 lb</td>
<td>9800 kg</td>
<td>21,700 kg</td>
<td>*12150 kg</td>
<td>*23,900 lb</td>
</tr>
<tr>
<td>-3.0 m -10'</td>
<td>7400 kg</td>
<td>16,300 lb</td>
<td>9800 kg</td>
<td>21,600 kg</td>
<td>*12800 kg</td>
<td>*24,900 lb</td>
</tr>
<tr>
<td>-4.6 m -15'</td>
<td>8450 kg</td>
<td>18,300 lb</td>
<td>6050 kg</td>
<td>13,300 lb</td>
<td>*11750 kg</td>
<td>*23,900 lb</td>
</tr>
</tbody>
</table>

### PC270LC-8

#### Arm: 3500 mm (11'6'')
- Bucket: 1.26 m$^3$ (1.65 yd$^3$)
- Shoe: 700 mm (28") triple grouser

<table>
<thead>
<tr>
<th>A</th>
<th>MAX</th>
<th>7.6 m 25'</th>
<th>6.1 m 20'</th>
<th>4.6 m 15'</th>
<th>3.0 m 10'</th>
<th>1.5 m 5'</th>
</tr>
</thead>
<tbody>
<tr>
<td>B</td>
<td>Cf</td>
<td>Cs</td>
<td>Cf</td>
<td>Cs</td>
<td>Cf</td>
<td>Cs</td>
</tr>
<tr>
<td>7.6 m 25'</td>
<td>*2900 kg</td>
<td>*6,400 lb</td>
<td>*2900 kg</td>
<td>*6,400 lb</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6.1 m 20'</td>
<td>*2800 kg</td>
<td>*6,100 lb</td>
<td>*4400 kg</td>
<td>*9,700 lb</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4.6 m 15'</td>
<td>*2800 kg</td>
<td>*6,100 lb</td>
<td>*5800 kg</td>
<td>*12,600 lb</td>
<td>*6600 kg</td>
<td>*14,600 lb</td>
</tr>
<tr>
<td>3.0 m 10'</td>
<td>*2950 kg</td>
<td>*6,600 lb</td>
<td>*6850 kg</td>
<td>*15,100 lb</td>
<td>*7900 kg</td>
<td>*17,400 lb</td>
</tr>
<tr>
<td>1.5 m 5'</td>
<td>3250 kg</td>
<td>*7,500 lb</td>
<td>7100 kg</td>
<td>15,600 lb</td>
<td>*9250 kg</td>
<td>*20,400 lb</td>
</tr>
<tr>
<td>0 m 0'</td>
<td>3750 kg</td>
<td>*8,300 lb</td>
<td>6900 kg</td>
<td>15,200 lb</td>
<td>9900 kg</td>
<td>21,900 kg</td>
</tr>
<tr>
<td>-1.5 m</td>
<td>4600 kg</td>
<td>*10,200 lb</td>
<td>3900 kg</td>
<td>8,800 lb</td>
<td>9700 kg</td>
<td>21,400 kg</td>
</tr>
<tr>
<td>-3.0 m -10'</td>
<td>6250 kg</td>
<td>*13,800 lb</td>
<td>3900 kg</td>
<td>8000 lb</td>
<td>9550 kg</td>
<td>21,900 kg</td>
</tr>
<tr>
<td>-4.6 m -15'</td>
<td>8150 kg</td>
<td>*18,000 lb</td>
<td>3900 kg</td>
<td>8000 lb</td>
<td>*9900 kg</td>
<td>*19,900 lb</td>
</tr>
</tbody>
</table>

*Load is limited by hydraulic capacity rather than tipping. Ratings are based on ISO standard No.10567. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.*
STANDARD EQUIPMENT

- Alternator, 60 ampere, 24 v
- Auto-decel
- Automatic engine warm-up system
- Counterweight
- Dry type air cleaner, double element
- Electric horn
- Engine, Komatsu SAA6D107E-1
- Engine overheat prevention system
- Equipment management monitoring system
- Fan guard structure
- Hydraulic track adjusters (Each side)
- In-line filter
- Multi-function color monitor
- Power maximizing system
- Pressure Proportional Control (PPC) hydraulic control system
- Radiator and oil cooler dust proof net
- Rear reflector
- Rearview mirrors, RH, LH, rear, sidewise
- ROPS cab (ISO 12117-2)
- Slip-resistant plates
- Track shoe
  - PC270-8, 600 mm 24" triple grouser
  - PC270LC-8, 700 mm 28" triple grouser
- Starting motor, 4.5 kW/24 V x 1
- Travel alarm
- Working light, 2 (Boom and RH)
- Working mode selection system

OPTIONAL EQUIPMENT

- Additional filter system for poor-quality fuel
- Air conditioner with defroster
- Air conditioner with large blower
- Arms
  - 2500 mm 8'2" HD arm assembly
  - 3045 mm 10'0" HD arm assembly
  - 3500 mm 11'6" HD arm assembly
- Batteries, large capacity
- Bolt-on top guard, OPG ISO 10262 level 2 (FOG)
- Boom and arm holding valve
- Boom, 5850 mm 19'2" (PC270-8)
- Boom, 5850 mm 19'2" with attachment piping
- Cab front guard
  - Full height guard
  - Half height guard
- Deck guard
- Heavy duty travel motor
- One service valve
- Power supply, 12 V
- Seat belt, retractable
- Seat, suspension
- Shoes, triple grouser
  - PC270-8: 700 mm 28", 800 mm 31.5"
  - PC270LC-8: 600 mm 24", 800 mm 31.5"
- Track frame undercover
- Track roller guards (Full length)

SPECIAL PURPOSE BUCKET

- Bucket
  — Play adjustment mechanism

For a complete line up of available attachments, please contact your local Komatsu distributor