**STANDARD EQUIPMENT**

- Alternator, 60 Ampere, 24V
- Auto-diesel
- Automatic engine warm-up system
- Batteries, 12V x 2
- Boom holding valve
- Corrosion resistor
- Counterweight
- Dry type air cleaner, double element
- Electric horn
- Engine, Komatsu SAA6D114E-3
- Engine overheat prevention system
- Fan guard structure
- Hydraulic track adjusters (each side)
- Multi-function color monitor
- Power maximizing system
- PPC hydraulic control system
- Radiator & oil cooler dust proof net
- Rear reflector
- Rear view mirror, RH, LH, rear, side wise
- ROPS cab (ISO 12117-2)
- Seat belt, retractable
- Slip-resistant Plates
- Starting motor, 7.5 kW/24 v x 1
- Suction fan
- Track guiding guard, center section
- Track roller
  - PC300-8, 7 each side
  - PC300LC-8, 8 each side
- Track shoe
  - PC300-8, 600 mm 24" triple grouser
  - PC300LC-8, 700 mm 28" triple grouser
- Travel alarm
- Two-mode settings for boom
- Working light, 2 (boom and RH)
- Working mode selection system
- Additional filter system for poor-quality fuel
- Air conditioner with defroster
- Arms
  - 2220 mm 7’3” arm assembly
  - 2550 mm 8’4” arm assembly
  - 3165 mm 10’5” arm assembly
  - 4020 mm 13’2” arm assembly
- Batteries, 140 Ah/2 x 12 V
- Bolt-on top guard, (Operator Protective Guards level 2 (OPG))
- Boom, 6470 mm 21’3”
- Cab accessories
  - Rain visor
  - Sun visor
- Cab front guard
  - Full height guard
  - Half height guard
- Heater with defroster
- Long lubricating intervals for implement bushing
- Rear view monitoring system
- Seat, suspension with heater
- Seat, suspension
- Service valve
- Shoes, Triple grouser shoes
  - PC300-8
  - 700 mm 28”, 800 mm 31.5”
  - PC300LC-8
  - 600 mm 24”, 800 mm 31.5”
- Track roller guards (full length)
- Track frame undercover
- Working lights (2 on cab)
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  - 600 mm 24”, 800 mm 31.5”
- Track roller guards (full length)
- Track frame undercover
- Working lights (2 on cab)

**OPTIONAL EQUIPMENT**

- Ripper bucket for hard and rock ground
  - Capacity
    - SAE heaped 0.9 m³ 1.18 yd³
    - CECE heaped 0.8 m³ 1.05 yd³
    - Width 1200 mm 47.2”

**SPECIAL PURPOSE BUCKET**

- Ripper bucket for hard and rock ground
  - Capacity
    - SAE heaped 0.9 m³ 1.18 yd³
    - CECE heaped 0.8 m³ 1.05 yd³
    - Width 1200 mm 47.2”

**HYDRAULIC EXCAVATOR**

**HORSEPOWER**

Gross: 194 kW 260 HP @ 1950 rpm
Net: 184 kW 246 HP @ 1950 rpm

**OPERATING WEIGHT**

PC300-8: 31100–32010 kg 68,560–70,570 lb
PC300LC-8: 31600–32580 kg 69,670–71,830 lb

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**Productivity Features**

- **High Production and Low Fuel Consumption**
  High power, working performance and fuel efficiency improve production and fuel costs.

- **Large Drawbar Pull**
  Provides superb steering and slope climbing performance.

- **Large Digging Force**
  Pressing the Power Max function button temporarily increases the digging force 7%.

- **Two-mode Setting for Boom**
  Switch selection allows either powerful digging or smooth boom operation.
  See page 5.

**Easy Maintenance**

- Long replacement interval of engine oil, engine oil filter, hydraulic oil and hydraulic filter.
- Equipped with fuel pre-filter as standard (with water separator).
- Side-by-side radiator and oil cooler configuration enables independent removal and installation of those two components.
- Equipped with the EMMS monitoring system.
- Easy access to engine oil filter and fuel drain valve.
- Large fuel tank capacity.

See pages 4 and 5.

**Ecology and Economy Features**

- Low emission engine
  A powerful turbocharged and air to air aftercooled Komatsu SAA6D114E-3 engine provides 184 kW 246 HP. This engine is EPA Tier 3 and EU Stage 3A emissions certified, without sacrificing power or machine productivity.
- Economy mode saves fuel consumption.
- Low operation noise.

See page 6.

**Large Comfortable Cab**

- Low-noise cab
- 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 7.

**Safety Design**

- ROPS cab (ISO 12117-2)
- 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)

See page 7.
Productivity Features

● High Production and Low Fuel Consumption
High power, working performance and fuel efficiency improve production and fuel costs.

● Large Drawbar Pull
provides superb steering and slope climbing performance.

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• Low operation noise
See pages 4 and 5.

Large Drawbar Pull

Photo may include optional equipment.
**Larger Maximum Drawbar Pull**

Larger maximum drawbar pull provides superb steering and slope climbing performance.

- **Maximum drawbar pull:** 264 kN (26900 kgf) 59,300 lb

**Smooth Loading Operation**

Two return hoses improve hydraulic performance. In the arm-out function, a portion of the oil is returned directly to the tank providing smooth operation.

- Boom floats upward, reducing lifting of machine front. This facilitates gathering blasted rock and scraping down operations.
- Boom pushing force is increased. Good digging operation on hard ground is improved.

**Large Digging Force**

With the one-touch Power Max. function, digging force has been further increased. (8.5 seconds of operation)

- **Maximum arm crowd force (ISO):** 160 kN (16.3t) 171 kN (17.4t)
- **Maximum bucket digging force (ISO):** 212 kN (21.6t) 227 kN (23.1t)

*Measured with Power Max function, 3385 mm (10’5”) arm and ISO rating*

**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.

**Eco-gauge that Assists Energy-saving Operations**

Equipped with the Eco-gauge that can be recognized at a glance on the right of the multi-function color monitor for environment-friendly energy-saving operations. Allows focus on operation in the green range with reduced CO₂ emissions and efficient fuel consumption.

**Idling Caution**

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

**Environment-friendly Clean Engine**

The PC300-8 gets its exceptional power and work capacity from a Komatsu SAA6D114E-3 engine. Output is 184 kW (246 HP), providing increased hydraulic power and improved fuel efficiency.

Komatsu SAA6D114E-3 engine is EPA Tier 3 and EU Stage 3A emissions certified and reduced NOx emission by 40%. The SAA6D114E-3 engine adopts the electronically controlled Heavy Duty HPCR* fuel injection system.

*HPCR : High Pressure Common Rail

**Hydraulics**

Unique two-pump system ensures smooth compound movement of the work equipment. HydraulMind controls both pumps for efficient engine power use. This system also reduces hydraulic loss during operation.

**Low Operation Noise**

Enables a low noise operation using the low-noise engine and methods to cut noise at source. Ambient noise meets the EU Stage 2 noise regulation.

**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 environmentally friendly excavators.

**Productivity & Ecology Features**

- **HYDRAULIC EXCAVATOR**
- **Electronics Control technology**
- **Hydraulic technology**

**Ecot3**

- **Engine technology**
- **Electronic control technology**
- **Hydraulic technology**

**Engine**

Heavy duty HPCR (High Pressure Common Rail) system

**Hydraulic control valve**

Seven-inch TFT liquid crystal display

**Electric control unit for engine**

**Komatsu Technology**

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PRODUCTIVITY & ECOLOGY FEATURES

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

Larger Maximum Drawbar Pull
Larger maximum drawbar pull provides superb steering and slope climbing performance.

Maximum drawbar pull: 264 kN 26,900 kgf 59,300 lb

Large Digging Force
With the one-touch Power Max. function digging force has been further increased. (8.5 seconds of operation)

Maximum arm crowd force (ISO): 160 kN (16.3t) 7% UP

Maximum bucket digging force (ISO): 212 kN (21.6t) 7% UP

*Measured with Power Max function; 3185 mm 10’5” arm and ISO rating

Smooth Loading Operation
Two return hoses improve hydraulic performance. In the arm out function, a portion of the oil is returned directly to the tank providing smooth operation.

Two-mode Setting for Boom
Smooth mode provides easy operation for gathering blasted rock or scraping down operation. When maximum digging force is needed, switch to Power mode for more effective excavating.

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

Return hoses

Smooth mode
Power mode

Boom floating upward, reducing lifting of machine front. This facilitates gathering blasted rock and scraping down operations.

Boom pushing force is increased, ditch digging and box digging operation on hard ground are improved.
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 PC300-8 to meet the new ISO visibility requirements.

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.

Low Vibration with Cab Damper Mounting
PC300-8 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 Hg +0.2”Hg) 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 airflow 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 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.

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

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Enlarged left-side mirror and addition of rear and side mirror allow the PC300-8 to meet the new ISO visibility requirements.

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.

Slip-resistant Plates
Highly durable slip-resistant plates maintain superior traction performance for the long term.
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Slip-resistant Plates
Highly durable slip-resistant plates maintain superior traction performance for the long term.
Easy Radiator Cleaning
Since radiator and oil cooler are arranged side-by-side, it is easy to clean, remove and install them.

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.

Easy Access to Engine Oil Filter and Fuel Drain Valve
Engine oil level gauge, and fuel filter are one side mounted to improve accessibility. Engine oil filter and fuel drain valve are remotely mounted to improve accessibility.

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.

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

Large Fuel Tank Capacity
Large fuel tank capacity extends operating hours before refueling. Fuel tank is treated for rust prevention and improved corrosion resistance.

Maintenance Features

Large Multi-LCD Color Monitor
A large user-friendly color monitor enables safe, accurate and smooth work. Improved screen visibility is achieved by the use of TFT liquid crystal display that can easily be read at various angles and lighting conditions. Simple and easy to operate switches. 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.

EMMS (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.

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

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

Large Fuel Tank Capacity
Large fuel tank capacity extends operating hours before refueling. Fuel tank is treated for rust prevention and improved corrosion resistance.
**SPECIFICATIONS**

**ENGINE**
- Model: Komatsu SAA6D114E-3
- Type: Water-cooled, 4-cycle, direct injection
- Aspiration: Turbocharged, aftercooled
- Number of cylinders: 6
- Bore: 114 mm
- Stroke: 135 mm
- Piston displacement: 8.27 l (505 in³)

**HYDRAULICS**
- Drive method: Hydrostatic
- Swing reduction: Planetary gear
- Swing circle lubrication: Mechanical disc brake
- Swing speed: 9.5 rpm
- Rated rpm: 1950 rpm
- Pressure compensated valves

**COOLANT AND LUBRICANT**
- Fuel tank: 188 l (9.2 U.S. gal)
- Hydraulic tank: 9.2 U.S. gal
- Coolant: 605 ltr
- Oil capacity of lubricants, coolant, full fuel tank, operator, and standard equipment:
  - 3.19 m³
  - 10'5" arm, SAE heaped
  - 4.02 m³
  - 10'5" and 4.02 m³

**DRIVES AND BRAKES**
- Steer control: Two levers with pedals
- Driving control: Two levers with pedals
- Maximum drawbar pull: 26900 kgf (59,300 lb)

**COOLING**
- Coolant: 605 ltr

**ARM LENGTH**

<table>
<thead>
<tr>
<th>Model</th>
<th>PC300-8</th>
<th>PC300LC-8</th>
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</thead>
<tbody>
<tr>
<td>Length</td>
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<tr>
<td>Width</td>
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<tr>
<td>Height</td>
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**WEIGHT**

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<tr>
<td>Rated drawbar pull</td>
<td>26900 kgf (59,300 lb)</td>
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**BUCKET CAPACITY**

<table>
<thead>
<tr>
<th>Model</th>
<th>PC300-8</th>
<th>PC300LC-8</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of teeth</td>
<td>1460</td>
<td>1460</td>
</tr>
<tr>
<td>Max. digging depth</td>
<td>6630 mm</td>
<td>6630 mm</td>
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<tr>
<td>Max. digging reach</td>
<td>7400 mm</td>
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<tr>
<td>Max. vertical wall</td>
<td>5880 mm</td>
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<tr>
<td>Max. dumping height</td>
<td>6920 mm</td>
<td>6920 mm</td>
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<tr>
<td>Max. dumping reach</td>
<td>8200 mm</td>
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</table>

**WORKING RANGE**

<table>
<thead>
<tr>
<th>Model</th>
<th>PC300-8</th>
<th>PC300LC-8</th>
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<tbody>
<tr>
<td>Rotating radius</td>
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<td>Rotating radius, SAE heaped</td>
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**BUCKET CAPACITY (HEaped)**

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**LUBRICATION**
- Gear oil: 37.3 MPa
- Travel circuit: 380 kgf/cm² 5,400 psi
- Pilot circuit: 285 kgf/cm² 4,050 psi
- Implement circuits: 37.3 MPa

**DIMENSIONS**

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<tr>
<td>Height</td>
<td>2315 mm</td>
<td>3110 mm</td>
</tr>
<tr>
<td>Arm length</td>
<td>2220 mm</td>
<td>3110 mm</td>
</tr>
</tbody>
</table>

**BACKHOE HOE•ETTE, ARM, AND BOOM COMBINATION**

<table>
<thead>
<tr>
<th>Model</th>
<th>PC300-8</th>
<th>PC300LC-8</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of teeth</td>
<td>1460</td>
<td>1460</td>
</tr>
<tr>
<td>Max. digging depth</td>
<td>6630 mm</td>
<td>6630 mm</td>
</tr>
<tr>
<td>Max. digging reach</td>
<td>7400 mm</td>
<td>7400 mm</td>
</tr>
<tr>
<td>Max. vertical wall</td>
<td>5880 mm</td>
<td>5880 mm</td>
</tr>
<tr>
<td>Max. dumping height</td>
<td>6920 mm</td>
<td>6920 mm</td>
</tr>
<tr>
<td>Max. dumping reach</td>
<td>8200 mm</td>
<td>8200 mm</td>
</tr>
</tbody>
</table>

**EPA Tier 3 and EU Stage 3A emissions certified.**

**HYDRAULIC EXCAVATOR**

- PC300-8
- PC300LC-8

**Swing System**
- Arm length: 2220 mm
- Overall length: 11140 mm
- Length on ground (transport): 2400 mm
- Overall height (to top of cab): 5050 mm
- Ground clearance, counterweight: 500 mm
- Track length: 4629 mm
- Track gauge: 3190 mm
- Grouser height: 36 mm
- Track pressure: 700 kgf/cm² 10,000 psi
**PC300-8 HYDRAULIC EXCAVATOR**

### SPECIFICATIONS

**ENGINE**
- **Model:** Komatsu SAA6D114E-3
- **Type:** Water-cooled, 4-cycle, direct injection
- **Aspiration:** Turbocharged, aftercooled
- **Number of cylinders:** 6
- **Bore:** 114 mm (4.49"")
- **Stroke:** 135 mm (5.31"")
- **Piston displacement:** 8.27 l (505 in³)
- **Horsequipment:** SAE J1995
- **Gross:** 194 kW (260 HP)
- **ISO 5049:** 184 kW (246 HP)
- **Rated rpm:** 1950 rpm
- **Fan drive type:** Mechanical Governor
- **Speed control:** Electronic

EPA Tier 3 and EU Stage 3A emissions certified.

**HYDRAULICS**
- **Swing system:** Hydrostatic
- **Swing reduction:** Planetary gear
- **Swing circle lubrication:** Grease-ball bushing
- **Service brake:** Hydraulic lock
- **Tangential brake/Swing lock:** Mechanical disc brake
- **Swing speed:** 9.5 rpm

**UNDERCARRIAGE**
- **Arm Length:** 2220 mm (7'3")
- **Overall length:** 11300 mm (37'1")
- **Arm crowd force:** 24400 kgf (53,900 lb)
- **Fuel tank:** 605 ltr (160 U.S. gal)
- **Hydraulic tank:** 49.7 U.S. gal
- **Hydraulic motors:**
  - Number of selectable working modes: 4
- **Hydraulic system:** Closed-center system with load sensing valves and pressure compensated valves
- **Number of selectable working modes:**
  - **Type:** HydraulicMind (Hydraulic Mechanical Intelligence New Design System, closed-center system with load sensing valves and pressure compensated valves)
  - **Type:** Main pump:
    - **Number of cylinders:** 6
    - **Bore:** 4.49"
    - **Stroke:** 5.31"
- **Travel circuit:**
  - **Number of selectable working modes:** 1
  - **Type:** Motor
  - **Number of cylinders:** 6
  - **Bore:** 4.49"
  - **Stroke:** 5.31"
- **Implement circuits:**
  - **Number of selectable working modes:** 3
  - **Type:** Motor
  - **Number of cylinders:** 6
  - **Bore:** 4.49"
  - **Stroke:** 5.31"
- **Fuel tank:** 605 ltr (160 U.S. gal)
- **Hydraulic tank:** 49.7 U.S. gal
- **Hydraulic motors:**
  - **Number of selectable working modes:** 6
  - **Type:** Motor
  - **Number of cylinders:** 6
  - **Bore:** 4.49"
  - **Stroke:** 5.31"
- **Travel circuit:**
  - **Number of selectable working modes:** 2
  - **Type:** Motor
  - **Number of cylinders:** 6
  - **Bore:** 4.49"
  - **Stroke:** 5.31"
- **Implement circuits:**
  - **Number of selectable working modes:** 2
  - **Type:** Motor
  - **Number of cylinders:** 6
  - **Bore:** 4.49"
  - **Stroke:** 5.31"

**COOLANT AND LUBRICANT CAPACITY (REFILLING)**
- **Fuel tank:**
  - **Number of selectable working modes:** 3
  - **Type:** Motor
  - **Number of cylinders:** 6
  - **Bore:** 4.49"
  - **Stroke:** 5.31"
- **Hydraulic tank:** 49.7 U.S. gal
- **Hydraulic motors:**
  - **Number of selectable working modes:** 6
  - **Type:** Motor
  - **Number of cylinders:** 6
  - **Bore:** 4.49"
  - **Stroke:** 5.31"
- **Travel circuit:**
  - **Number of selectable working modes:** 2
  - **Type:** Motor
  - **Number of cylinders:** 6
  - **Bore:** 4.49"
  - **Stroke:** 5.31"
- **Implement circuits:**
  - **Number of selectable working modes:** 2
  - **Type:** Motor
  - **Number of cylinders:** 6
  - **Bore:** 4.49"
  - **Stroke:** 5.31"

**DRIVES AND BRAKES**
- **Travel circuit:**
  - **Number of selectable working modes:** 1
  - **Type:** Motor
  - **Number of cylinders:** 6
  - **Bore:** 4.49"
  - **Stroke:** 5.31"
- **Implement circuits:**
  - **Number of selectable working modes:** 3
  - **Type:** Motor
  - **Number of cylinders:** 6
  - **Bore:** 4.49"
  - **Stroke:** 5.31"

**Sweep Radius**
- **Forward:** 1.52 U.S. ton/yd³
- **Backward:** 1.26 U.S. ton/yd³

**MACHINERY SPECIFICATIONS**

### Dimensions

**Arm Length**
- **PC300-8:** 2220 mm (7'3")
- **PC300LC-8:** 2310 mm (7'7")

### Working Range

**Bucket Capacity (aped)**

**Weight**

**Number of Teeth**

**Arm Length**

**ASK**

**COE**

**Without Side Cutters**

**With Side Cutters**

**Calculations**

- **General purpose use, density up to 1.6 ton/m³:** 1.52 U.S. tons/yd³
- **Light duty work, density up to 1.2 tons/m³:** 1.07 U.S. tons/yd³

- **General purpose use, density up to 1.8 ton/m³:** 1.92 U.S. tons/yd³

- **Without side cutters**

- **Rock bucket (with side shroud)**

**RAW TEXT END**
### Lifting Capacity with Lifting Mode

<table>
<thead>
<tr>
<th>Arm</th>
<th>Reach from Swing Center</th>
<th>Bucket Hook Height</th>
<th>Lifting Capacity</th>
<th>Rating Over Front</th>
<th>Rating Over Side</th>
</tr>
</thead>
<tbody>
<tr>
<td>7.5m</td>
<td>15,000 kg</td>
<td>4,750 kg</td>
<td>7,000 kg</td>
<td>9,000 kg</td>
<td>11,000 kg</td>
</tr>
<tr>
<td>6.0m</td>
<td>11,000 kg</td>
<td>3,800 kg</td>
<td>5,800 kg</td>
<td>7,000 kg</td>
<td>8,800 kg</td>
</tr>
<tr>
<td>4.0m</td>
<td>5,000 kg</td>
<td>2,100 kg</td>
<td>3,500 kg</td>
<td>4,600 kg</td>
<td>5,600 kg</td>
</tr>
</tbody>
</table>

Use is limited by hydraulic capacity rather than tipping. Ratings are based on SAE standard No. J1097. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.
**LIFTING CAPACITY WITH LIFTING MODE**

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

### Model A

<table>
<thead>
<tr>
<th>Arm</th>
<th>Bucket</th>
<th>Hook Height</th>
<th>0°</th>
<th>30°</th>
<th>60°</th>
<th>90°</th>
<th>120°</th>
<th>150°</th>
<th>180°</th>
</tr>
</thead>
<tbody>
<tr>
<td>7.5 m</td>
<td>9000 kg</td>
<td>13,900 kg</td>
<td>12,500 kg</td>
<td>10,100 kg</td>
<td>8,700 kg</td>
<td>7,300 kg</td>
<td>6,000 kg</td>
<td>10,000 kg</td>
<td>7,000 kg</td>
</tr>
<tr>
<td>9.0 m</td>
<td>11,000 kg</td>
<td>17,300 kg</td>
<td>15,000 kg</td>
<td>12,600 kg</td>
<td>10,200 kg</td>
<td>8,800 kg</td>
<td>7,500 kg</td>
<td>13,000 kg</td>
<td>9,000 kg</td>
</tr>
<tr>
<td>12.0 m</td>
<td>14,800 kg</td>
<td>22,700 kg</td>
<td>20,300 kg</td>
<td>17,900 kg</td>
<td>15,500 kg</td>
<td>13,100 kg</td>
<td>10,700 kg</td>
<td>21,000 kg</td>
<td>13,000 kg</td>
</tr>
<tr>
<td>15.0 m</td>
<td>19,000 kg</td>
<td>29,200 kg</td>
<td>26,700 kg</td>
<td>24,200 kg</td>
<td>21,800 kg</td>
<td>19,400 kg</td>
<td>17,000 kg</td>
<td>29,000 kg</td>
<td>20,000 kg</td>
</tr>
</tbody>
</table>

### Model B

<table>
<thead>
<tr>
<th>Arm</th>
<th>Bucket</th>
<th>Hook Height</th>
<th>0°</th>
<th>30°</th>
<th>60°</th>
<th>90°</th>
<th>120°</th>
<th>150°</th>
<th>180°</th>
</tr>
</thead>
<tbody>
<tr>
<td>7.5 m</td>
<td>10,800 kg</td>
<td>17,500 kg</td>
<td>15,200 kg</td>
<td>12,900 kg</td>
<td>10,600 kg</td>
<td>8,300 kg</td>
<td>6,100 kg</td>
<td>12,000 kg</td>
<td>9,000 kg</td>
</tr>
<tr>
<td>9.0 m</td>
<td>13,000 kg</td>
<td>21,300 kg</td>
<td>19,000 kg</td>
<td>16,700 kg</td>
<td>14,400 kg</td>
<td>12,100 kg</td>
<td>9,800 kg</td>
<td>17,000 kg</td>
<td>14,000 kg</td>
</tr>
<tr>
<td>12.0 m</td>
<td>17,200 kg</td>
<td>27,700 kg</td>
<td>25,400 kg</td>
<td>23,100 kg</td>
<td>20,800 kg</td>
<td>18,500 kg</td>
<td>16,200 kg</td>
<td>28,000 kg</td>
<td>20,000 kg</td>
</tr>
<tr>
<td>15.0 m</td>
<td>22,300 kg</td>
<td>34,000 kg</td>
<td>31,700 kg</td>
<td>29,400 kg</td>
<td>27,100 kg</td>
<td>24,800 kg</td>
<td>22,500 kg</td>
<td>35,000 kg</td>
<td>27,000 kg</td>
</tr>
</tbody>
</table>

*Load is limited by hydraulic capacity rather than tipping. Ratings are based on SAE standard No. J1097. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.*
SPECIAL PURPOSE BUCKET

- Ripper bucket for hard and rock ground
  - Capacity
    - SAE heaped 0.9 m³ 1.18 yd³
    - CECE heaped 0.8 m³ 1.05 yd³
    - Width 1200 mm 47.2”

OPTIONAL EQUIPMENT

- Additional filter system for poor-quality fuel
- Air conditioner with defroster
- Arms
  - 2200 mm 7’3” arm assembly
  - 2500 mm 8’4” arm assembly
  - 3185 mm 10’5” arm assembly
  - 4820 mm 15’9” arm assembly
- Batteries, 140 Ah/2 x 12 V
- Bolt-on top guard, (Operator Protective Guards level 2 (OPG))
- Boom, 6470 mm 21’3”
- Cab accessories
  - Rear view mirror, RH, LH
  - Sun visor
  - Cab front guard
  - Full height guard
  - Half height guard
  - Heater with defroster
- Long lubricating intervals for implement bushing
- Rear view monitoring system
- Seat, suspension with heater
- Seat, suspension
- Service valve
- Shoes, triple grouser shoes
  - PC300-8 700 mm 27”, 800 mm 31.5”
  - PC300LC-8 600 mm 24”, 800 mm 31.5”
- Track roller guards (full length)
- Track frame undercover
- Working lights (2 on cab)

STANDARD EQUIPMENT

- Alternator, 60 Ampere, 24 V
- Auto-decel
- Automatic engine warm-up system
- Batteries, 126 Ah/2 x 12 V
- Boom holding valve
- Corrosion resistor
- Counterweight
- Dry type air cleaner, double element
- Electric horn
- Engine, Komatsu SAA6D114E-3
- Engine overheat prevention system
- Fan guard structure
- Hydraulic track adjusters (each side)
- Multi-function color monitor
- Power maximizing system
- PPC hydraulic control system
- Radiator & oil cooler dust proof net
- Rear reflector
- Rear view mirror, RH, LH, rear, sideview
- ROPS cab (ISO 12117-2)
- Seat belt, retractable
- Slip-resistant Plates
- Starting motor, 7.5 kW/24 V x 1
- Suction fan
- Track guiding guard, center section
- Track roller
  - PC300-8, 7 each side
  - PC300LC-8, 8 each side
- Track shoe
  - PC300-8, 600 mm 24” triple grouser
  - PC300LC-8, 700 mm 28” triple grouser
- Travel alarm
- Two-mode settings for boom
- Working lights, 2 (boom and RH)
- Working mode selection system

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