STANDARD EQUIPMENT

- Alternator, 60 Ampere, 24V
- Anti-slip plates
- Auto-decel
- Automatic engine warm-up system
- Batteries, 126 Ah/2 x 12V
- Boom holding valve
- Cab, capable OPG with optional bolt-on top guard
- Corrosion resistor
- 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 view
- Seat belt, retractable
- 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 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—3185 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)
- 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)

OPTIONAL EQUIPMENT

- Additional filter system for poor-quality fuel
- Air conditioner with defroster
- Arms—2220 mm 7’3” arm assembly—2550 mm 8’4” arm assembly—3185 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)

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”
**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.

**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 meets EPA Tier 3 and EU Stage 3A emissions certified, without sacrificing power or machine productivity.
  - Economy mode saves fuel consumption.
  - Low operation noise
  See pages 4 and 5.

- **Low operation noise**
  See pages 4 and 5.

**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 6.

**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 page 9.

**Safety Design**

- **Cab dedicated to hydraulic excavator for protecting the operator in the event of a roll over accident.**
- **Anti-slip 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.
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)

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) 160 kN (16.3t) 171 kN (17.4t) (with Power Max.)
- Maximum bucket digging force (ISO): 212 kN (21.6t) 227 kN (23.1t) (with Power Max.)

*Measured with Power Max. function, 3185 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.
- Maximum arm crowd force (ISO): 160 kN (16.3t) 160 kN (16.3t) 171 kN (17.4t) (with Power Max.)
- Maximum bucket digging force (ISO): 212 kN (21.6t) 227 kN (23.1t) (with Power Max.)

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.

Productivity & Ecology Features

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.

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 meets 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.

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.

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)

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) (with Power Max.)
- Maximum bucket digging force (ISO): 212 kN (21.6t) 227 kN (23.1t) (with Power Max.)

*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.
WORKING ENVIRONMENT

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.

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.

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.

Safety Features

Cab Dedicated to Hydraulic Excavator
The cab is designed specifically for hydraulic excavators and gains reinforced strength from the pipe-structured cab framework. The cab framework provides the high durability and impact resistance with very high impact absorbency. The seat belt keeps the operator in the seat of the cab during a roll over.

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.

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.

Anti-slip Plates
Highly durable anti-slip plates maintain superior traction performance for the long term.

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.

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.
**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.

**Easy Maintenance**

**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.

**High-capacity Air Cleaner**
High capacity air cleaner is comparable to that of larger machines. The larger air cleaner can extend air cleaner life during long-term operation and prevents early clogging and resulting power decrease. Reliability is improved by a new seal design.

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

**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.

**Easy Maintenance**

**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.
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 x 4.49
- **Stroke**: 135 mm x 5.31
- **Piston displacement**: 8.27 l or 505 cu in
- **Horsepower**: SAE J1995 Gross 194 kW (260 HP) ISO 5049 / SAE J1349 Net 184 kW (246 HP)
- **Rated rpm**: 1950 rpm
- **Fan drive type**: Mechanical
- **Governor**: Air-speed control, electronic

EPA Tier 3 and EU Stage IIa emissions certified.

### HYDRAULICS
- **Type**: HydraulicMind (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**: Two-variable displacement piston type
    - **Type**: Pumps for Boom, arm, bucket, swing, and travel circuits
      - **Max flow**: 535 l/min 141 US gal/min
      - **Supply for control circuit**: Self-reducing valve
      - **Hydraulic motors**: Travel: 2 x axial piston motors with parking brake
      - **Swing**: 1 x axial piston motor with swing holding ball relief valve
      - **Implement circuits**: 37.3 MPa 380 kgf/cm² 5,400 psi
      - **Travel circuit**: 37.3 MPa 380 kgf/cm² 5,400 psi
      - **Swing circuit**: 27.9 MPa 285 kgf/cm² 4,050 psi
      - **Pilot circuit**: 3.2 MPa 33 kgf/cm² 470 psi
      - **Hydraulic cylinders**: (Number of cylinders = bore x stroke x rod diameter)
        - **Boom**: 2 – 140 mm x 1,480 mm x 100 mm 5.5 x 58.3 x 3.9
        - **Arm**: 1 – 160 mm x 1,285 mm x 110 mm 6.3 x 71.5 x 4.3
        - **Bucket**: 2 x 3.19 m 10.5 and 4.02 m 13.2
          - **Arm**: 1 – 140 mm x 1,295 mm x 100 mm 50.6 x 3.9
          - **Arm**: 1 – 150 mm x 1,285 mm x 110 mm 50.6 x 4.3

### DRIVE SYSTEM
- **Drive method**: Hydrostatic
- **Swing reduction**: Planetary gear
- **Swing circle lubrication**: Grease bathed
- **Service brake**: Hydraulic lock
- **Parking brake**: Mechanical disc brake

### UNDERCARRIAGE
- **Center frame**: X-frame
- **Track frame**: Box-section
- **Seal of track**: Sealed track
- **Track adjust**: Hydraulic
- **Number of shoes (each side)**: PC300-8: **45**
  - **PC300LC-8**: **48**
  - **Number of carrier rollers**: 2 each side
  - **Number of track rollers (each side)**: PC300-8: **7**
  - **PC300LC-8**: **8**

### COOLANT AND LUBRICANT CAPACITY (REFILLING)
- **Fuel tank**: 605 ltr 160 U.S. gal
- **Coolant**: 32.0 ltr 8.5 U.S. gal
- **Final drive, each side**: 30.0 ltr 7.9 U.S. gal
- **Sump**: 16.5 ltr 4.4 U.S. gal
- **Hydraulic tank**: 180 ltr 47 U.S. gal

### OPERATING WEIGHT (APPROXIMATE)
- **Operating weight including 6470 mm 213” one-piece boom, 3165 mm 10’5” arm, SAE heaped 1.4 m³ 470 yd³ bucket, rated capacity of lubricants, coolers, full fuel tank, operator, and standard equipment.

### WORKING RANGE

### BACKHOE BUCKET, ARM, AND BOOM COMBINATION

<table>
<thead>
<tr>
<th>Bucket Capacity (heaped)</th>
<th>Width</th>
<th>Weight</th>
<th>Number of Teeth</th>
<th>Arm Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAE, PCCA</td>
<td>CCE</td>
<td>Without Side Cutters</td>
<td>With Side Cutters</td>
<td>Without Side Cutters</td>
</tr>
<tr>
<td>8.52 m³ 30.6 cu ft</td>
<td>1660 kg 3600 lb</td>
<td>1660 kg 3600 lb</td>
<td>1660 kg 3600 lb</td>
<td></td>
</tr>
<tr>
<td>11.16 m³ 40.6 cu ft</td>
<td>2430 kg 5350 lb</td>
<td>2430 kg 5350 lb</td>
<td>2430 kg 5350 lb</td>
<td></td>
</tr>
<tr>
<td>14.90 m³ 53.6 cu ft</td>
<td>3200 kg 7050 lb</td>
<td>3200 kg 7050 lb</td>
<td>3200 kg 7050 lb</td>
<td></td>
</tr>
</tbody>
</table>

**General purpose use, density up to 1.8 ton/m³ 1.3 U.S. ton/yd³**
- **General purpose use, density up to 1.3 ton/m³ 1.0 U.S. ton/yd³**
- **Light duty work, density up to 1.2 ton/m³ 0.8 U.S. ton/yd³**

### BACKHOE BUCKET, ARM, AND BOOM COMBINATION

<table>
<thead>
<tr>
<th>Bucket Capacity (heaped)</th>
<th>Width</th>
<th>Weight</th>
<th>Number of Teeth</th>
<th>Arm Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAE, PCCA</td>
<td>CCE</td>
<td>Without Side Cutters</td>
<td>With Side Cutters</td>
<td>Without Side Cutters</td>
</tr>
<tr>
<td>8.52 m³ 30.6 cu ft</td>
<td>1660 kg 3600 lb</td>
<td>1660 kg 3600 lb</td>
<td>1660 kg 3600 lb</td>
<td></td>
</tr>
<tr>
<td>11.16 m³ 40.6 cu ft</td>
<td>2430 kg 5350 lb</td>
<td>2430 kg 5350 lb</td>
<td>2430 kg 5350 lb</td>
<td></td>
</tr>
<tr>
<td>14.90 m³ 53.6 cu ft</td>
<td>3200 kg 7050 lb</td>
<td>3200 kg 7050 lb</td>
<td>3200 kg 7050 lb</td>
<td></td>
</tr>
</tbody>
</table>

**General purpose use, density up to 1.8 ton/m³ 1.3 U.S. ton/yd³**
- **General purpose use, density up to 1.3 ton/m³ 1.0 U.S. ton/yd³**
- **Light duty work, density up to 1.2 ton/m³ 0.8 U.S. ton/yd³**

**General purpose use, density up to 1.8 ton/m³ 1.3 U.S. ton/yd³**
- **General purpose use, density up to 1.3 ton/m³ 1.0 U.S. ton/yd³**
- **Light duty work, density up to 1.2 ton/m³ 0.8 U.S. ton/yd³**

**Not usable**
- **Without side cutters**
- **Rock bucket (with side shroud)**
**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.**

<table>
<thead>
<tr>
<th>Max. BBm and T/L of Side</th>
<th><em>Rating at maximum reach</em></th>
<th>LIFTING CAPACITY WITH LIFTING MODE</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>1.5 m</td>
<td>7,000 kg</td>
<td>2,400 kg</td>
<td>7,000 kg</td>
<td>2,400 kg</td>
<td>7,000 kg</td>
<td>2,400 kg</td>
<td>7,000 kg</td>
</tr>
<tr>
<td>2 m</td>
<td>8,000 kg</td>
<td>2,400 kg</td>
<td>8,000 kg</td>
<td>2,400 kg</td>
<td>8,000 kg</td>
<td>2,400 kg</td>
<td>8,000 kg</td>
</tr>
<tr>
<td>2.5 m</td>
<td>9,000 kg</td>
<td>2,400 kg</td>
<td>9,000 kg</td>
<td>2,400 kg</td>
<td>9,000 kg</td>
<td>2,400 kg</td>
<td>9,000 kg</td>
</tr>
<tr>
<td>3 m</td>
<td>10,000 kg</td>
<td>2,400 kg</td>
<td>10,000 kg</td>
<td>2,400 kg</td>
<td>10,000 kg</td>
<td>2,400 kg</td>
<td>10,000 kg</td>
</tr>
<tr>
<td>3.5 m</td>
<td>11,000 kg</td>
<td>2,400 kg</td>
<td>11,000 kg</td>
<td>2,400 kg</td>
<td>11,000 kg</td>
<td>2,400 kg</td>
<td>11,000 kg</td>
</tr>
<tr>
<td>4 m</td>
<td>12,000 kg</td>
<td>2,400 kg</td>
<td>12,000 kg</td>
<td>2,400 kg</td>
<td>12,000 kg</td>
<td>2,400 kg</td>
<td>12,000 kg</td>
</tr>
<tr>
<td>4.5 m</td>
<td>13,000 kg</td>
<td>2,400 kg</td>
<td>13,000 kg</td>
<td>2,400 kg</td>
<td>13,000 kg</td>
<td>2,400 kg</td>
<td>13,000 kg</td>
</tr>
<tr>
<td>5 m</td>
<td>14,000 kg</td>
<td>2,400 kg</td>
<td>14,000 kg</td>
<td>2,400 kg</td>
<td>14,000 kg</td>
<td>2,400 kg</td>
<td>14,000 kg</td>
</tr>
<tr>
<td>5.5 m</td>
<td>15,000 kg</td>
<td>2,400 kg</td>
<td>15,000 kg</td>
<td>2,400 kg</td>
<td>15,000 kg</td>
<td>2,400 kg</td>
<td>15,000 kg</td>
</tr>
<tr>
<td>6 m</td>
<td>16,000 kg</td>
<td>2,400 kg</td>
<td>16,000 kg</td>
<td>2,400 kg</td>
<td>16,000 kg</td>
<td>2,400 kg</td>
<td>16,000 kg</td>
</tr>
</tbody>
</table>

Weight and dimensions provided for reference only. Ratings may vary based on specific equipment options and conditions.
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.

### Table 1: Lifting Capacity With Lifting Mode

<table>
<thead>
<tr>
<th>Mode</th>
<th>Bucket: 3.6 m³ (5 yd³)</th>
<th>Over 3.6 m³ (5 yd³)</th>
<th>Lifting Capacity with Lifting Mode</th>
</tr>
</thead>
<tbody>
<tr>
<td>B</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cs</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Table 2: Bucket: 3.6 m³ (5 yd³) | Over 3.6 m³ (5 yd³)

<table>
<thead>
<tr>
<th>Reach from Swing Center</th>
<th>Bucket: 3.6 m³ (5 yd³)</th>
<th>Over 3.6 m³ (5 yd³)</th>
</tr>
</thead>
<tbody>
<tr>
<td>9.0' 13,100 lb</td>
<td>17,200 lb</td>
<td></td>
</tr>
<tr>
<td>8.0' 11,500 lb</td>
<td>15,500 lb</td>
<td></td>
</tr>
<tr>
<td>7.5' 12,000 lb</td>
<td>15,000 lb</td>
<td></td>
</tr>
<tr>
<td>6.0' 16,400 lb</td>
<td>22,000 lb</td>
<td></td>
</tr>
<tr>
<td>4.5' 16,400 lb</td>
<td>22,000 lb</td>
<td></td>
</tr>
<tr>
<td>3.0' 19,000 lb</td>
<td>25,000 lb</td>
<td></td>
</tr>
<tr>
<td>1.5' 16,100 lb</td>
<td>22,000 lb</td>
<td></td>
</tr>
<tr>
<td>0' 14,700 lb</td>
<td>20,000 lb</td>
<td></td>
</tr>
</tbody>
</table>

### Table 3: Bucket: 3.6 m³ (5 yd³) | Over 3.6 m³ (5 yd³)

<table>
<thead>
<tr>
<th>Reach from Swing Center</th>
<th>Bucket: 3.6 m³ (5 yd³)</th>
<th>Over 3.6 m³ (5 yd³)</th>
</tr>
</thead>
<tbody>
<tr>
<td>9.0' 13,100 lb</td>
<td>17,200 lb</td>
<td></td>
</tr>
<tr>
<td>8.0' 11,500 lb</td>
<td>15,500 lb</td>
<td></td>
</tr>
<tr>
<td>7.5' 12,000 lb</td>
<td>15,000 lb</td>
<td></td>
</tr>
<tr>
<td>6.0' 16,400 lb</td>
<td>22,000 lb</td>
<td></td>
</tr>
<tr>
<td>4.5' 16,400 lb</td>
<td>22,000 lb</td>
<td></td>
</tr>
<tr>
<td>3.0' 19,000 lb</td>
<td>25,000 lb</td>
<td></td>
</tr>
<tr>
<td>1.5' 16,100 lb</td>
<td>22,000 lb</td>
<td></td>
</tr>
<tr>
<td>0' 14,700 lb</td>
<td>20,000 lb</td>
<td></td>
</tr>
</tbody>
</table>

*CLEARANCE LIMITS:* 
- Lifted height over B and C: 3.6 m³ (5 yd³) 
- Lifted height over Cs: 3.6 m³ (5 yd³)

*MAX LOADS:* 
- 1.83 yd³ (1.40 m³) 
- 2.03 yd³ (1.58 m³)