**STANDARD EQUIPMENT**

**ENGINE AND RELATED ITEMS:**
- Air cleaner, double element, dry
- Variable speed cooling fan, with fan guard
- Engine, Komatsu SAA6D140E-5

**ELECTRICAL SYSTEM:**
- Alternator, 50 amp, 24 V
- Batteries, 170 Ah, 2 x 12 V
- Starting motors, 11kW
- Working lights - 2 boom, 2 cab top front, 1 cab bottom
- Strobe light with timer
- Auto deaccelerator

**UNDERCARRIAGE:**
- 610 mm 24'' double grouser
- 8 track/3 carrier rollers (each side)
- Hydraulic track adjusters (each side)
- Variable track gauge
- Sealed track

**GUARDS AND COVERS:**
- Dust-proof net for radiator and oil cooler
- Pump/engine room partition cover
- Travel motor guards
- Strengthened revolving frame underguard
- OPG top guard (operator protective guards ISO 10262 level 2 (FOG))

**OPERATOR ENVIRONMENT:**
- Damper mount, all-weather, sound-suppressed cab with tinted safety glass windows, lockable door, intermittent window wiper and washer, floor mat, cigarette lighter and ashtray
- Multi-function color monitor, electronically-controlled throttle dials, electric service meter, gauges (coolant temperature, hydraulic oil temperature and fuel level), caution lights (electric charge, engine oil pressure, and air cleaner/dogging), indicator lights (engine preheating and swing lock light), level check lights (coolant, engine oil, and hydraulic oil level), self-diagnostic system with trouble data memory
- Rear view mirror (R,H)
- Seat, fully adjustable with suspension
- Cab with fixed front window

**HYDRAULIC CONTROLS:**
- Fully hydraulic, with Electronic Open-Center Load-Sensing (EOLSS) and engine speed sensing (pump and engine mutual control system)
- Two axial piston motors for swing with single-stage relief valve
- One axial piston motor per track for travel with counter balance valve
- Two variable capacity piston pumps
- Two control valves, 4+4 spools (boom, arm, bucket, swing, and travel)
- Control levers, control levers for arm, boom, bucket, and travel with PPC system
- Control levers and pedals for steering and travel with PPC system
- Oil cooler
- In-line filter
- Heavy lift mode system
- Shockless boom control
- Swing priority selection system
- Two-mode setting for boom

**DRIVE AND BRAKE SYSTEM:**
- Brakes, hydraulic lock travel brakes, oil disc parking
- Hydrostatic two travel speed system with planetary triple reduction final drive

**OTHER STANDARD EQUIPMENT:**
- Automatic swing holding brake
- Counterweight, 11850 kg, 26,120 lb
- Horn, electric
- Marks and plates, English
- Paint, Komatsu standard
- Large handrails
- One-touch engine oil drainage
- PM tune-up service connector
- Remote greasing for radiator fan drive
- Travel alarm
- Rear reflector
- Anti-slip plates
- Corrosion resistor

**OPTIONAL EQUIPMENT**

**HORSEPOWER**
- Gross: 370 kW, 496 HP @ 1800 rpm
- Net: 363 kW, 487 HP @ 1800 rpm

**OPERATING WEIGHT**
- PC850-8: 78700–79500 kg, 173,500–175,270 lb
- PC850SE-8: 78300–79100 kg, 172,620–174,380 lb

**Photo may include optional equipment.**
WALK-AROUND

**Productivity Features**
- **High Work Equipment Speed**
  Increased arm dumping and bucket dumping speed realize efficient loading operation.
- **Heavy Lift Mode**
  The heavy lift mode increases lifting force by 10%.
- **Large Digging Force**
  High operation efficiency with large digging force for severe applications.
- **Two-mode Setting for Boom**
  Switch selection allows either powerful digging or smooth boom operation.
- **Twin Swing Motor System**
  Provides excellent swing performance, even on slopes.
- **Large Drawbar Pull and Steering Force**
  Provide excellent mobility.
- **Swing Priority Mode**
  The swing priority mode improves efficiency for loading dump trucks.
- **Shockless Boom**
  Switch selection reduces chassis vibration after sudden stops.

See page 5.

**Easy Maintenance**
- **Easy Cleaning of Cooling Unit**
  Fan reverse-rotation function facilitates clogged radiator cleaning.
- **Centralized Arrangement of Engine Checkpoints**
- **Anti-slip Plates**
  For improved foot traction.
- **Large Handrail, Step and Catwalk**
  Provide easy access to the engine and hydraulic equipment.
- **Increased Fuel Tank Capacity**

See page 10.

**Excellent Reliability and Durability**
- **KMAX Bucket Teeth**
  Offer superior penetration and long-term sharpness.
- **Fuel Pre-filter**
  With water separator equipped as standard.
- **O-ring Face Seals**, which have excellent sealing performance, are used for the hydraulic hoses.
- **High-pressure In-line Filtration**
  The cool-running hydraulic system is protected with the most extensive filtration system available, including a high pressure in-line filter for each main pump.
- **Highly Reliable Electronic Devices**
  Exclusively designed electronic devices have passed severe testing.
  - Controllers
  - Sensors
  - Connectors
  - Heat resistant wiring
  - Circuit breaker
- **Boom Foot Hoses**
  Are arranged under the boom foot, improving hose life and safety.

See page 6.

**Ecology and Economy Features**
- **Komatsu SAA6D140E-5 Engine Meets Tier 3 Emissions Regulations.**
  - World’s first cooled EGR system with bypass-assist type electronically controlled venturi.
  - Offers high power and low fuel consumption, while conforming to Tier 3 emission regulations.
  - Reduces NOx emission approximately 40%.
  - Equipped with an electronically controlled variable speed fan.
- **Economy Mode Four-level Setting**
  Enables operator to select the appropriate Economy mode level to match production requirement with lowest fuel consumption.
- **Reduction of Ambient Noise**
  Meets the EU Stage 2 noise regulations.
  - Electronically controlled variable speed fan drive
  - Large hybrid fan
  - Glasswool-furnished low-noise muffler and noise reducing cover around the muffler

See page 4.

**Working Environment**
- **Large Comfortable Cab**
  - Low noise and vibration with cab damper mounting
  - Large-capacity air conditioner (optional)
  - Pressurized cab prevents external dust from entering
  - OPG top guard level 2 (by ISO 10262 standard) capable with optional bolt-on top guard.

See pages 8, 9.

**Advanced Monitor Features**
- **Machine condition can be checked with Equipment Management Monitoring System (EMMS).**
- **Two working modes combine with heavy lift mode for maximum productivity.**

See page 11.
**Working Mode Selection**

**Power and Economy Mode**
The PC850-8 excavator is equipped with two working modes. Each mode is designed to match engine flow, pump speed, and system pressure to the current application, giving the operator flexibility to match equipment performance to the job at hand.

<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>E (E0, E1, E2, E3)</td>
<td>Economy Mode</td>
<td>• Good cycle time</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Good fuel economy</td>
</tr>
</tbody>
</table>

**Heavy Lift Mode**
Gives the operator 10% more lifting force on the boom when needed for handling rock or heavy lifting applications.

**Swing Priority Setting**
The swing priority setting allows the operator to use the same easy motion for 180° loading as 90° loading operations. By altering the oil flow, this setting allows you to select either boom or swing as the priority for increased production.

**Large Digging Force**
Thanks to the high engine output and an excellent hydraulic system, this machine demonstrates powerful digging force.
- Maximum arm crowd force (ISO): 296 kN  30.4 ton
- Maximum bucket digging force (ISO): 363 kN  37.0 ton

**Work Equipment Speed Increased**
An arm quick return circuit is provided for arm damping. This returns a portion of oil flow directly to the hydraulic tank at arm dumping to reduce the hydraulic pressure loss. Combined with increased bucket damping speed, faster loading work is realized.

**Large Drawbar Pull and Steering Force**
Since the machine has a large drawbar pull and a high steering force, it demonstrates excellent mobility even when it is being used on inclined sites.

**Two-mode Setting for Boom**
Smooth mode provides easy operation for gathering blasted rock and scraping operations. When maximum digging force is needed, switch to power mode for more effective excavating.

**Shockless Boom Control**
The PC850-8 boom circuit features a shockless valve (double-check slow return valve) to automatically reduce the amount of vibration present when operating the boom. Operator fatigue is reduced (which can improve safety and productivity), and spillage caused by vibration is minimized.
Excellent Reliability and Durability

**Boom Foot Hoses**
The boom foot hoses are arranged under the boom foot to reduce hose bend during operation, extending hose life and improving operator safety.

**Strengthened Boom and Arm**
Thanks to the large cross-sectional structure employing a high tensile strength steel with a thick plate, partition wall, etc., the boom and arm exhibit excellent durability and are highly resistant to bending and torsional stress.

**Metal Guard Rings**
Metal guard rings protect all the hydraulic cylinders and improve reliability.

**O-ring Face Seal**
The hydraulic hose seal method has been changed from a conventional taper seal to an O-ring seal. This provides improved sealing performance during operation.

**Frame Structure**
The revolving frame mount and center frame mount on the swing circle are no welding structure so that force is transmitted directly to the thick plate of the frame without passing through any welding.

**Fuel Pre-filter (with Water Separator)**
Removes water and contaminants from fuel to enhance the fuel system reliability.

**High-pressure In-line Filtration**
The PC850-8 has the most extensive filtration system available, providing in-line filters as standard equipment. An in-line filter in the outlet port of each main hydraulic pump reduces failures caused by contamination.

**Sturdy Undercarriage**
The undercarriage is strengthened to provide excellent reliability and durability when working on rocky ground or blasted rock.

**Koma-hard materials**
Komatsu developed, wear-resistant, reinforced materials. Brinell hardness: 500 or more (180kgf/mm² class).
Features high wear-resistance and little quality change from the heat generated during rock loading, maintaining long-term hardness.

**Metal Guard Rings**
Sturdy guards shield the travel motors and piping against damage from rocks.

**Heat-resistant Wiring**
Heat-resistant wiring is utilized for the engine electric circuit and other major component circuit.

**Circuit Breaker**
With circuit breaker, the machine can be easily restarted after repair.

**DT-type Connectors**
DT-type connectors seal tight and have higher reliability.

**Strengthened Revolving Frame Underguard**
Guards the machine body against being hit by rocks from below and prevents hydraulic components and the engine from being damaged.

**Fuel Pre-filter (with Water Separator)**
Removes water and contaminants from fuel to enhance the fuel system reliability.

**Strengthened Quarry Bucket Provides Outstanding Wear-resistance**
The bucket for specific use in quarry is impact and wear resistant, providing high performance and long life. Koma-hard materials provide excellent wear resistance. Combined with adoption of long-life KMAX teeth, durability of bucket is drastically enhanced.

**KMAX Tooth**
- Unique bucket tooth shape, superior digging performance
- Long-term high sharpness
- Great penetration performance
- Hammerless, safe, and easy tooth replacement (Tooth replacement time: Halves the conventional machine.)
WORKING ENVIRONMENT

The cab interior is spacious and provides a comfortable working environment...

Large Comfortable Cab

Comfortable Cab
New PC850-8’s cab offers an exceptionally comfortable operating environment. The large cab enables full flat reclining of the seat back with headrest.

Pressurized Cab
The optional air conditioner, air filter and a higher internal air pressure (6.0 mm Aq 0.2” in Aq) prevent external dust from entering the cab.

Low Noise Design
Noise level is remarkably reduced, not only engine noise but also swing and hydraulic relief noise.

Low Vibration with Cab Damper Mounting
PC850-8 uses a new, improved cab damper mount system that incorporates longer stroke and the addition of a spring. The new cab damper mounting combined with a strengthened left and right side deck, aids vibration reduction at the operator’s seat.

Vibration at floor is reduced from 120 dB (VL) to 115 dB (VL).

dB (VL) is index for expressing size of vibration.

Comparison of Riding Comfort

Automatic Air Conditioner (optional)
A 6,900 kcal air conditioner is utilized. 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.

Multi-position Controls
The multi-position, PPC (proportional pressure control) levers allow the operator to work in comfort while maintaining precise control. A double-slide mechanism allows the seat and control levers to move together or independently, allowing the operator to position the controls for maximum productivity and comfort.

Rigid and Safe Operator’s Cab
OPG top guard
The OPG top guard securely protects the operator’s cab and conforms to the ISO standard.

Single sheet fixed glass
The glass installed in the machine has excellent visibility since it is laminated to prevent shortening and has less vibration.

See-through skylight equipped with a sun shade
The upward visibility is excellent.

Additional head lamp
Night operation is safe.

Lower wiper (optional)
Lower windshield wiper improves visibility in rain.

Horn interconnected with warning light (optional) give visual and audible notice of the excavator’s operation when activated.

Defroster (optional)
Cab Frame Mounted Wiper
Bottle Holder and Magazine Rack

Photo may include optional equipment.
**Easy Maintenance Features**

**Komatsu Designed the PC850-8 for Easy Service Access.**

**Easy Checking and Maintenance of Engine**  
Engine check points are concentrated on one side of the engine to facilitate daily checks. Thermal guards are placed around high-temperature parts such as turbocharger.

**Wide Catwalk and Large Handrails**  
Easier, safer operator cab access and maintenance checks.

**One-touch Drain Cock**  
Easier, cleaner engine oil changes.

**Reduced Maintenance Costs**  
Hydraulic oil filter replacement is extended from 500 to 1000 hours. Engine oil and filter replacement intervals are extended from 250 to 500 hours.

**Electric Operated Grease Gun Equipped with Hose Reel (optional)**  
Greasing is made easy with the electric operated grease gun and indicator.

**Convenient Utility Space**  
Utility space provides great convenience to store tools, spare parts, etc.

**Steps Connected to the Machine Cab**  
Steps allows access from left hand catwalk to top of machine for engine check and maintenance.

**Easy Cleaning of Radiator**  
Reverse-rotation function of the hydraulic driven fan facilitates cleaning of the cooling unit. In addition, this function contributes to reducing warming-up run time in low temperature and discharging hot air from the engine room to keep appropriate heat balance.

**Dust Indicator with 5-step Indication**  
Informs of air cleaner clogging in 5 steps to warn of filter condition.

**Divided Type Engine Cover**  
The divided engine cover allows inspection points around the engine to be easily accessed.

**Increased Fuel Tank Capacity**  
Fuel tank capacity is increased from 880 ltr 232 U.S. gal to 980 ltr 259 U.S. gal to extend operating hours before refueling.

**High-Quality EMMS Self-diagnostic System**

- **Abnormality Checking Function**  
  In case any abnormality should occur, the monitoring system checks whether hydraulic pressure, solenoid ON/OFF status, engine speed, electrical connections, etc. are in the normal conditions to keep the machine downtime to a minimum.

- **Maintenance History Memory Function**  
  Maintenance records such as replacement of engine oil, hydraulic oil, filters, etc. can be stored.

- **Trouble Data Memory Function**  
  All the trouble data are stored to serve as references for future trouble-shooting.

**Photo may include optional equipment.**
PC850-8 HYDRAULIC EXCAVATOR

SPECIFICATIONS

ENGINE

Model: Komatsu SAA6D140E-5
Type: 4-cylinder, water-cooled, direct injection
Aspiration: Turbocharged, aftercooled, cooled EGR
Number of cylinders: 6
Bore: 140 mm 5.51"
Stroke: 165 mm 6.50"
Piston displacement: 15.24 ltr 930 in³
Governor: All-speed, electronic
Horsepower:
- SAE J1995: Gross 370 kW 496 HP
Rated rpm: 1800 rpm
Fan drive type: Hydraulic
Max. EPA Tier 3 and EU Stage 3A emissions regulations.

HYDRAULIC SYSTEM

Type: Open-center load-sensing system
Number of selectable working modes: 2
Main pump:
- Type: Variable-capacity piston pumps
- Pumps for: Boom, arm, bucket, swing, and travel circuits
Maximum flow:
- 2 x 494 ltr/min 2 x 130.5 U.S. gpm
Fan drive pump:
- Type: Variable-capacity piston type
Fan drive pump:
- Type: Variable-capacity piston type
Hydraulic motors:
- Travel: 2 x axial piston motor with parking brake
- Swing: 2 x axial piston motor with swing holding brake

Relief valve setting:
- Valve: Implement circuits: 31.4 MPa 450 psi
- Valve: Travel circuit: 34.3 MPa 4960 psi
- Valve: Swing circuit: 28.4 MPa 4120 psi
- Valve: Heavy lift circuit: 34.3 MPa 4960 psi
- Valve: Pilot circuit: 2.0 MPa 300 psi

Hydraulic cylinders:
- Number of cylinders—bore x stroke:
  - Boom: 2 x 185 mm x 1650 mm 7.59 x 64.34"
  - Arm: 2 x 185 mm x 1610 mm 7.33 x 63.44"
  - Bucket: 1 x 185 mm x 1280 mm 7.33 x 77.17"
  - SE: 1 x 225 mm x 1420 mm 8.90 x 55.94"

SWING SYSTEM

Driveline method: Hydraulic motors
Swing reduction: Planetary gear
Swing circle lubrication: Grease-bathed
Swing lock: Oil disc brake
Swing speed: 6.8 rpm

Steering control:
- Two levers with pedals
Drive method:
- Fully hydrostatic
Travel motor:
- Axial piston motor, in-line design
Reduction system:
- Planetary double reduction
Maximum drawbar pull:
- 559 kN 57000 kg 125,660 lb
Gradability:
- 70%
Maximum travel speed:
- Low: 2.8 km/h 1.7 mph
- High: 4.2 km/h 2.6 mph
Service brake: Hydraulic lock
Parking brake: Oil disc brake

UNDERCARRIAGE

Center frame:
- H-lag frame
Track frame:
- Box-section
Seal of track:
- Sealed
Track adjuster:
- Hydraulic
No. of shoes:
- 47 each side
No. of carrier rollers:
- 3 each side
No. of track rollers:
- 8 each side

COOLANT AND LUBRICANT CAPACITY (REFILLING)

Fuel tank: 980 ltr 258.9 U.S. gal
Radiator: 100 ltr 26.4 U.S. gal
Engine: 58 ltr 15.3 U.S. gal
Final drive, each side:
- 20 ltr 5.3 U.S. gal
Swing drive:
- 24.5 x 2 ltr 6.5 x 2 U.S. gal
Hydraulic tank:
- 440 ltr 116.2 U.S. gal

OPERATING WEIGHT (APPROXIMATE)

PC850-8: Operating weight, including 8040 mm 26'9" boom, 3600 mm 11'10" arm, SAE heaped operator, lubricant, coolant, full fuel tank, and the standard equipment.

PC850SE-8: Operating weight, including 7100 mm 23'4" boom, 2945 mm 9'8" arm, SAE heaped 4.3 m³ 56.2 yd³ backhoe bucket, operator, lubricant, coolant, full fuel tank, and the standard equipment.

COOLING SYSTEM

Rated rpm:
- 1800 rpm

Fuel consumption:
- 2 x 130.5 U.S. gpm

Cooling system:
- Open-center load-sensing system

HYDRAULIC EXCAVATOR

DRIVES AND BRAKES

Operating control:
- Two levers with pedals
Drive method:
- Fully hydrostatic
Travel motor:
- Axial piston motor, in-line design
Reduction system:
- Planetary double reduction
Maximum drawbar pull:
- 559 kN 57000 kg 125,660 lb
Gradability:
- 70%
Maximum travel speed:
- Low: 2.8 km/h 1.7 mph
- High: 4.2 km/h 2.6 mph
Service brake:
- Hydraulic lock
Parking brake:
- Oil disc brake

WORKING RANGE

PC850-8

<table>
<thead>
<tr>
<th>Operating Weight</th>
<th>Operating Pressure</th>
<th>Ground Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>610 ltr 24&quot;</td>
<td>75370 kg 167,500 lb</td>
<td>128 kPa 1,911 lbf/in²</td>
</tr>
<tr>
<td>710 ltr 28&quot;</td>
<td>87500 kg 187,720 lb</td>
<td>112 kPa 1,649 lbf/in²</td>
</tr>
</tbody>
</table>

PC850SE-8

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</tbody>
</table>

BUCKET CAPACITY (HEAPED)

<table>
<thead>
<tr>
<th>Model</th>
<th>Width (side shovels)</th>
<th>Weight (side shovels)</th>
<th>Arm Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>PC850-8</td>
<td>1820 mm 72&quot;</td>
<td>2180 kg 4800 lbf</td>
<td>6.9 m 23' 0&quot;</td>
</tr>
<tr>
<td>PC850SE-8</td>
<td>1820 mm 72&quot;</td>
<td>2180 kg 4800 lbf</td>
<td>6.9 m 23' 0&quot;</td>
</tr>
</tbody>
</table>

These charts are based on over-side stability with fully loaded bucket at maximum reach.

- General purpose use, density up to 1.8 t/m³ 3,000 lb/yd³
- General purpose use, density up to 1.5 t/m³ 2,500 lb/yd³
- Not usable.
### HEAVY LIFTING "ON"

<table>
<thead>
<tr>
<th>Model</th>
<th>B: Bucket hook height</th>
<th>C: Lifting capacity</th>
<th>F: Counterweight</th>
</tr>
</thead>
<tbody>
<tr>
<td>PC850-8</td>
<td>7.1 m 21' 9&quot;</td>
<td>3.8 m 12' 8&quot;</td>
<td>11' 85 ton 26,120 lb</td>
</tr>
<tr>
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<td>7.1 m 21' 9&quot;</td>
<td>3.8 m 12' 8&quot;</td>
<td>11' 85 ton 26,120 lb</td>
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</tbody>
</table>

### Backhoe

**Specs shown include the following equipment:**
- **PC850-8:** Boom 1040 mm 26°, Arm 1040 mm 11°, Bucket 3.4 m³ 4.4 yd³, Shoes 610 mm 24" double grouser
- **PC850SE-8:** Boom 7100 mm 23°, Arm 2465 mm 9°, Bucket 4.3 m³ 5.6 yd³, Shoes 910 mm 36" double grouser

#### 3 Kits Transportation

**Weight:**
- **PC850-8:** 20.8 U.S.ton 50.5 t
- **PC850SE-8:** 20.8 U.S.ton 50.5 t

### TRANSPORTATION GUIDE

#### 4 Kits Transportation

**Width:** 2308 10' 10"
- **Weight:** 26.41 56.6 U.S.ton

#### Undercarriage

- **Width:** 5810 19' 7"
- **Height:** 20.5 81.1 in

#### Upper structure

- **Width:** 6030 19' 9"
- **Height:** 210 82.7 in

#### Work equipment assembly (Backhoe)

**Work equipment assembly (Backhoe) Weight:**
- **PC850-8:** 9.11 20.11 U.S.ton
- **PC850SE-8:** 9.88 21.67 U.S.ton

#### Bucket

**Bucket:**
- **Capacity:** 3.1 m³ 4.1 yd³
- **Weight:** 920 2027 lb

#### Counterweight

**Counterweight:**
- **Capacity:** 3.4 m³ 4.5 yd³
- **Weight:** 1950 4314 lb

#### Boom & Arm cylinder

**Boom & Arm cylinder Total 2.5 t**

#### Boom & Arm

**Boom & Arm Cylinder Total 2.5 t**

#### Base & Arm cylinder

**Base & Arm Cylinder Total 2.5 t 3.0 U.S.ton**

**Base & Arm Cylinder Total 2.5 t 2.0 U.S.ton**

### PC850SE-8

#### Equipment

- **Boom:** 7.1 m 23' 4" (Both PC850-8 and PC850SE-8 are designed with the same weight and dimensions.)
- **Bucket:** 4.3 m³ 5.6 yd³
- **Shoes:** 610 mm 24"
- **Counterweight:** 11.85 ton 26,120 lb

#### LIFTING CAPACITY

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>I</th>
<th>J</th>
<th>K</th>
</tr>
</thead>
<tbody>
<tr>
<td>9.0 m</td>
<td>9600</td>
<td>7900</td>
<td>14400</td>
<td>11100</td>
<td>23250</td>
<td>18500</td>
<td>31550</td>
<td>25500</td>
<td>45300</td>
<td>37400</td>
</tr>
<tr>
<td>6.0 m</td>
<td>11500</td>
<td>9600</td>
<td>17400</td>
<td>13900</td>
<td>28500</td>
<td>22500</td>
<td>37350</td>
<td>30500</td>
<td>54300</td>
<td>43500</td>
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<tr>
<td>3.0 m</td>
<td>13200</td>
<td>10900</td>
<td>20500</td>
<td>16600</td>
<td>36000</td>
<td>28500</td>
<td>47000</td>
<td>39000</td>
<td>70500</td>
<td>57700</td>
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<tr>
<td>0 m</td>
<td>14900</td>
<td>12300</td>
<td>23500</td>
<td>19300</td>
<td>41500</td>
<td>33000</td>
<td>54800</td>
<td>45800</td>
<td>80300</td>
<td>64700</td>
</tr>
</tbody>
</table>

#### PC850-8

#### Equipment

- **Boom:** 6.0 m 19' 9"
- **Arm:** 3.8 m 12' 8"
- **Bucket:** 3.4 m³ 4.4 yd³
- **Shoes:** 610 mm 24"
- **Counterweight:** 11.85 ton 26,120 lb

#### LIFTING CAPACITY

<table>
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<th>A</th>
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<th>K</th>
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</thead>
<tbody>
<tr>
<td>9.0 m</td>
<td>8950</td>
<td>7200</td>
<td>13900</td>
<td>11300</td>
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<td>9350</td>
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<td>13900</td>
<td>28500</td>
<td>22500</td>
<td>37350</td>
<td>30500</td>
<td>54300</td>
<td>43500</td>
</tr>
<tr>
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<td>12900</td>
<td>10550</td>
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<td>70500</td>
<td>57700</td>
</tr>
<tr>
<td>0 m</td>
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<td>12000</td>
<td>23500</td>
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<td>33000</td>
<td>54800</td>
<td>45800</td>
<td>80300</td>
<td>64700</td>
</tr>
</tbody>
</table>

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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.