STANDARD EQUIPMENT

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

ELECTRICAL SYSTEM:
- Alternator, 65 amp, 24 V
- Auto decelerator and auto idling system
- Batteries, 170 Ah, 2 x 12 V
- Starting motors, 11kW
- Stop light with timer
- Working lights: 2 boom, 2 cab top front, 1 right front

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

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

OPERATOR ENVIRONMENT:
- Cab with fixed front window
- Damper mount, all-weather, sound-suppressed cab with tinted safety glass windows, lockable door, intermittent window wiper and washer, footrest, 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 clogging), indicator lights (engine overheating and swing lock light, level check lights (coolant, engine oil, and hydraulic oil level), self-diagnostic system with trouble data memory
- Rear view mirror (RH and LH)
- Seat, fully adjustable with suspension

HYDRAULIC CONTROLS:
- Control levers and pedals for steering and travel with PPC system
- Control levers, wrist control levers for arm, boom, bucket, and swing with PPC system
- Fully hydraulic, with Electronic Open-center Load Sensing System (EOLSS) and engine speed sensing (pump and engine mutual control system)
- Heavy lift mode system
- In-line filter
- Oil cooler
- One axis piston motor per track for travel with counter balance valve
- Power max function
- Shockless boom control
- Swing priority mode system
- Two axis piston motors for swing with single-stage relief valve
- Two control valves, 5+4 spools (boom, arm, bucket, swing, and travel)
- Two-mode setting for boom
- Two variable capacity piston pumps

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:
- Anti-slip plates
- Automatic swing holding brake
- Catwalk
- Counterweight, 11850 kg 26,120 lb
- Horn, electric
- Large handrails
- Marks and plates, English
- One-touch engine oil drainage
- Paint, Komatsu standard
- PM tune-up service connector
- Rear view monitoring system
- Seat belt 78 mm 3''
- Shoes:
- Shovel, 710 mm 28'' double grouser
- Spare parts for first service
- Track frame undercover (center)
- Vandalism protection locks

OPTIONAL EQUIPMENT
- Air suspension seat
- Alternator, 90 amp, 24 V
- Arms (Backhoe):
  - PC850-8R1: — 3600 mm 11'10'' HD arm assembly
  - PC850-8R1 SE spec.: — 2945 mm 9'8'' SE arm assembly
- Automatic air conditioner
- Booms (Backhoe):
  - PC850-8R1: — 8040 mm 26'5'' boom assembly
  - PC850-8R1 SE spec.: — 7100 mm 23'4'' boom assembly

PC850-8R1 BACKHOE

HYDRAULIC EXCAVATOR
**WALK-AROUND**

### Horsepower

- **Gross**: 370 kW (496 HP @ 1800 rpm)
- **Net**: 363 kW (487 HP @ 1800 rpm)

### Operating Weight

- **Backhoe**
  - 78,600 – 79,800 kg (173,280 – 175,930 lb)

### Working Environment

- **Large Comfortable Cab**
- **High Power Komatsu SAA6D140E-5 Engine**
  - A powerful, turbocharged and air-to-air aftercooled Komatsu SAA6D140E-5 provides 363 kW (487 HP).
- **Eco-gauge for energy-saving operations**
- **Extended idling caution**
- **Auto deceleration and auto idling system**

### Maintenance Features

- **Easy Cleaning of Cooling Unit**
- **Easy Checking and Maintenance of Engine**
- **Large Handrail, Step and Catwalk**

### Productivity Features

- **High Work Equipment Speed**
  - Arm quick return circuit enables loading work to be quicker than ever, by reducing hydraulic pressure loss of arm dumping.
- **Heavy Lift Mode**
  - The heavy lift mode increases lifting force by 10%.
- **Large Digging Force**
  - Pressing the Power Max function button temporarily increases the digging force.
- **Two-mode Setting for Boom**
  - Switch selection allows either powerful digging or smooth boom operation.
- **Large Drawbar Pull and Steering Force**
  - Provide excellent mobility.
- **Swing Priority Mode**
  - The swing priority mode improves efficiency for loading dump trucks.
- **Shockless Boom Control**
  - Switch selection reduces chassis vibration after sudden stops.

### Ecology and Economy Features

- **High Power Komatsu SAA6D140E-5 Engine**
- **Economy Mode Four-level Setting**
  - Enables operator to select the appropriate Economy mode level to match production requirement with lowest fuel consumption.
- **Low Ambient Noise**
  - Electronically controlled variable speed fan drive
  - Large hybrid fan
  - Low-noise muffler
- **Mode Selection**
  - Economy mode improves fuel consumption.
  - Eco-gauge for energy-saving operations
  - Extended idling caution for fuel conservation
  - Auto deceleration and auto idling system reduce fuel consumption.

### Excellent Reliability and Durability

- **Strengthened Boom and Arm**
- **KMAX Bucket Teeth** offer superior penetration and long-term sharpness.
- **Removed Water and Contamination in Fuel**
  - Fuel pre-filter with water separator
  - High efficiency fuel filter
  - Water separator
- **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.

### Large TFT LCD Monitor

- **Easy-to-see and use**
- **7” large multi-function color monitor**
- **Can be displayed in 12 languages for global support**
- **TFT** : Thin Film Transistor
  - **LCD** : Liquid Crystal Display

### Mode Selection

- **Economy mode improves fuel consumption.**
- **Eco-gauge for energy-saving operations**
- **Extended idling caution for fuel conservation**
- **Auto deceleration and auto idling system reduce fuel consumption.**

See pages 8, 9.

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*Photo may include optional equipment.*
**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.

**High Power Komatsu SAA6D140E Engine**

Powerful turbocharged and air-to-air aftercooled Komatsu SAA6D140E-5 engine provides 363 kW (487 HP). This Komatsu SAA6D140E engine actualizes high power to low fuel consumption with the optimum fuel injection by electronic heavy duty HPCR (High Pressure Common Rail) fuel injection system.

**Electronically Controlled Variable Speed Fan Contributes to Low Fuel Consumption and Low Noise**

The electronic control system sets the revolution speed of the cooling fan according to the coolant, hydraulic oil, and ambient temperature, effectively uses the engine output to prevent wasteful fuel consumption; and reduces noise during low-speed fan revolution.

**Lower and Economical Fuel Consumption Using Economy Mode**

Enables operator to set the Economy mode to four levels according to working conditions so that production requirement is achieved at the lowest fuel consumption.

**Low Ambient Noise**

Reduced noise by adoption of an electronically controlled variable speed fan drive, large hybrid fan and low-noise muffler.

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

Eco-gauge is equipped for environment friendly energy-saving operations. Operation in the green range allows reduction of CO₂ emission and 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.

**Auto Deceleration and Auto Idling System**

Auto deceleration system is equipped to reduce fuel consumption and operating noise. Also, engine idling speed can be reduced on the monitor with the auto idling system.

**Working Modes Selectable**

P and E 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 saving mode further reduces fuel consumption, but maintains the P-mode-like work equipment speed for light duty work.

**Large Digging Force**

With the one-touch Power Max. function digging force is further increased. (8.0 seconds of operation)

**Work Equipment Speed**

An arm quick return circuit is provided for arm dumping. This returns a portion of oil flow directly to the hydraulic tank at arm dumping to reduce the hydraulic pressure loss. Speedier loading work can be accomplished by work equipment with quicker movement.

**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 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.

**Swing Priority Mode**

This Komatsu SAA6D140E engine actualizes high-power to low fuel consumption with the optimum fuel injection by electronically heavy duty HPCR (High Pressure Common Rail) fuel injection system.

**Shockless Boom Control**

The PC850-8R1 boom circuit features a shockless valve (double-check slow return valve) to automatically reduces 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.
**RELIABILITY & DURABILITY FEATURES**

**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.

**High-pressure In-line Filtration**
The PC850-8R1 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.

**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.

- **Koma-hard materials** (KVX materials):
  - Komatsu developed, wear-resistant, reinforced materials. Brinnel 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.

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

**STEP 1**
Observing proper safety procedures, place tooth onto adapter (as shown).

**STEP 2**
Insert fastener, making sure it is in the unlocked position (as shown).

**STEP 3**
Using the correct size socket, rotate the pin locking shaft 90˚ clockwise (as shown) to finish the installation.

**STEP 4**
To remove fastener, use the correct size socket to rotate the pin locking shaft 90˚ counter-clockwise (as shown). Remove fastener and tooth. Repeat steps 1-3 for a new installation.

**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 now a 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 Efficiency Fuel Filter**
Fuel system reliability is even better with high efficiency fuel filter.

**Water Separator**
Removes water from the fuel and improves the reliability of fuel systems.

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

**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.
Wide Newly-designed Cab
Newly-designed wide spacious cabin 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 position of the armrest and the console. The reclining 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 cabin.

Low Vibration with Cab Damper Mounting
PC850-8R1 uses viscous damper mounts for the cabin that incorporates longer stroke and the addition of a spring. The cabin damper mounting combined with high rigidity deck aids vibration reduction at the operator’s seat.

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.

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Safety Features
Step Light with Timer
Provides light for about one minute to allow the operator to get off the machine safely.

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 cabin.

Automatic Air Conditioner (optional)
Enables you to easily and precisely set the cabin atmosphere with the instruments on the large LCD. The bi-level control function keeps the inside of the cabin comfortable throughout the year. Defroster function keeps front glass clear.

Low Noise Design Cab
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 the operator to work in quiet condition.

Operator ear’s noise 2 dB(A) reduced
Compared with the current model.
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 TFT liquid crystal display that can easily be read at various angles and lighting conditions. The switches are simple and easy to operate. Function keys facilitate multi-function operations. Displays data in 12 languages to support operators around the world.

Mode Selection
The multi-function color monitor has Power mode and Economy mode (four levels).

<table>
<thead>
<tr>
<th>Working Mode</th>
<th>Application</th>
<th>Advantage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power Mode (P0,P1)</td>
<td>Maximum production/power</td>
<td>Fast cycle time</td>
</tr>
<tr>
<td>Economy Mode (E0,E1,E2,E3)</td>
<td>Good cycle time</td>
<td>Good fuel economy</td>
</tr>
</tbody>
</table>

Additionally, it is possible to select “Heavy lift mode” or “Swing priority mode” for each Power mode and Economy mode.

Maintenance Function
Monitor informs replacement time for oil and filters when the replacement interval is reached.

Trouble Data Memory Function
Monitor stores abnormalities for effective troubleshooting.

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.

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

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

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

Easy Cleaning of Cooling Unit
Reverse-rotation function of the hydraulic driven fan simplifies cleaning out 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.

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

Divided Type Engine Cover
The divided engine cover allows easy access to inspection points around the engine.

Hydraulic Excavator

PC850-8R1

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

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

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.

Long-life Oil, Filter
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Maintenance Function
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Trouble Data Memory Function
Monitor stores abnormalities for effective troubleshooting.
**SPECIFICATIONS**

**ENGINE**
- Model: Komatsu SAA6D140E-5
- Type: 4-cylinder, water-cooled, direct injection
- Aspiration: Turbocharged, aftercooled
- Number of cylinders: 6
- Bore: 140 mm 5.5"
- Stroke: 165 mm 6.5"
- Piston displacement: 15.24 l 930 in³
- Governor: All-speed, electronic
- ISO 9249: SAE J1349: Net 363 HP 269 kW
- Rated rpm: 1800 rpm
- Fan drive type: Hydraulic
  
*Net horsepower at the maximum speed of radiator cooling fan is 330 kW 445 HP*

**DRIVES AND BRAKES**
- Drive method: Fully hydrostatic
- Travel motor: Axial piston motor, in shoe design
- Reduction system: Planetary gear triple reduction
- Maximum drawbar pull: 559 kN 77000 lb
- Grubability: 75%
- 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-leg frame
- Track frame: Side plate type
- Track: 3 each side
- No. of track rollers: 8 each side
- Stroke: 930 in 23.6 m

**HYDRAULIC SYSTEM**
- Type: Open-center load-sensing system
- Main pump:
  - Type: Variable-capacity piston pumps
  - For: Boom, arm, bucket, swing, and travel circuits
- Maximum flow:
  - 2 x 130.5 U.S. gal/min
  - 510 U.S. gal/min
- Fan drive pump:
  - Type: Variable capacity piston type
- Relief valve setting:
  - 350 psi 2380 bar
- Fan drive:
  - Type: Variable capacity piston type
- Type: 2 x axial piston motor with parking brake
- Swing:
  - 2 x axial piston motor with swing holding brake
- Hydraulic cylinders:
  - (Number of cylinders—bore x stroke x rod diameter)
    - Boom: 2 x 200 mm x 1950 mm x 140 mm 7.9" x 76.8" x 5.5"
    - Arm: 2 x 165 mm x 1610 mm x 120 mm 6.5" x 63.4" x 4.7"
    - Bucket:
      - Std.: 1 x 165 mm x 1820 mm x 130 mm 6.5" x 71.7" x 5.1"
      - SE: 1 x 255 mm x 1420 mm x 160 mm 8.9" x 55.9" x 6.3"

**SWING SYSTEM**
- Driven method: Hydraulic motors
- Swing reduction: Planetary gear
- Swing circuit lubrication: Grease-bathed
- Swing lock:
  - Self-locking
  - 8 each side
- Swing speed:
  - 6.8 rpm

**STEERING AND BRAKING**
- Control: Two levers with pedals
- Drive method: Fully hydrostatic
- Travel motor:
  - Axial piston motor, in shoe design
- Reduction system: Planetary gear triple reduction
- Maximum drawbar pull: 559 kN 77000 lb
- Grubability: 75%
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  - High: 4.2 km/h 2.6 mph
- Service brake: Hydraulic lock
- Parking brake: Oil disc brake

**COOLANT AND LUBRICANT**
- Fuel tank:
  - 26.4 U.S. gal
- Radiator:
  - 26.4 U.S. gal
- Hydraulic tank:
  - 124.2 U.S. gal
- 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

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- Fan drive pump:
  - Type: Variable capacity piston type
- Relief valve setting:
  - 350 psi 2380 bar
- Fan drive:
  - Type: Variable capacity piston type
- Type: 2 x axial piston motor with parking brake
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- Swing circuit lubrication: Grease-bathed
- Swing lock:
  - Self-locking
  - 8 each side
- Swing speed:
  - 6.8 rpm

**OPERATING WEIGHT**
- Operating weight, including:
  - PC850-8R1: Operating weight, including:
    - SAE heaped 3.4 m³
  - PC850-8R1 SE spec.: Operating weight, including:
    - SAE heaped 3.4 m³

**HYDRAULIC EXCAVATOR**

**BACKHOE BUCKET, ARM, AND BOOM COMBINATION**

**BUCKET CAPACITY (HEAPED)**
- Width: 3.4 m 11'0"
- Weight: 3.8 t 8,390 lb

**WIDTH**
- Without side shrouds, side cutters: 2.8 m 9'2"
- With side shrouds, side cutters: 3.4 m 11'0"

**WITH SIDE SHROUDS, SIDE CUTTERS**
- With side shrouds, side cutters: 3.8 t 8,390 lb

**ARM LENGTH**
- SAE: 3.8 t 8,390 lb
- PCSA: 3.6 t 8,070 lb
- CECE: 3.4 t 7,370 lb

**ARM CROSS FORCE (SAE)**
- Operating weight, including:
  - SAE heaped 3.4 m³

**ARM CROSS FORCE (ISO)**
- Operating weight, including:
  - SAE heaped 3.4 m³

**Net horsepower at the maximum speed of radiator cooling fan is 330 kW 445 HP**

**Backhoe bucket, arm, and boom combination**

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
### Backhoe

Specs shown include the following equipment:

- **STD spec.**: Boom 3040 mm 29°, Arm 3600 mm 11°, Bucket 3.4 m³ 4.5 yd³, Shoes 810 mm 24 double grouser
- **SE spec.**: Boom 7100 mm 23°, Arm 2450 mm 9°, Arm 3600 mm 11°, Bucket 4.3 m³ 5.6 yd³, Shoes 810 mm 24 double grouser

#### 3 Kits Transportation

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<tr>
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<th>STD spec.</th>
<th>SE spec.</th>
<th>18.9 t : 20.8 U.S.ton</th>
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<tbody>
<tr>
<td><strong>Boom</strong></td>
<td>8.1 t : 8370 x 2695 x 1500</td>
<td>7.3 t : 7430 x 2480 x 1500</td>
<td>8.1 t : 8370 x 2695 x 1500</td>
</tr>
<tr>
<td><strong>Arm</strong></td>
<td>5.3 t : 4765 x 1450 x 710</td>
<td>4.5 t : 4765 x 1450 x 710</td>
<td>5.3 t : 4765 x 1450 x 710</td>
</tr>
<tr>
<td><strong>Counterweight</strong></td>
<td>26.120 lb</td>
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</tr>
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</table>

### Lifting Capacity

#### PC850-8R1

- **Equipment**: Boom: 8.04 m 26°/5°, Arm: 3.6 m 11°/10°, Bucket: 3.4 m³ 4.5 yd³
- **Reach from swing center**
- **Boom**: 8.04 m
- **Bucket hook height**: 2110 mm
- **Lifting capacity**
- **Sho**: 6.1 m
- **Counterweight**: 11.85 tons 26.2 lb

#### PC850-8R1 SE spec.

- **Equipment**: Boom: 7.1 m 23°/4°, Arm: 2.9 m 28°, Bucket: 4.3 m³ 5.6 yd³
- **Reach from swing center**
- **Boom**: 7.1 m
- **Bucket hook height**: 2110 mm
- **Lifting capacity**
- **Sho**: 6.1 m
- **Counterweight**: 11.85 tons 26.2 lb

### HEAVY LIFT "OFF"

<table>
<thead>
<tr>
<th><strong>Model</strong></th>
<th><strong>Width</strong></th>
<th><strong>Weight</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>PC850-8R1</td>
<td>9.0 m</td>
<td>26.3 t</td>
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<td></td>
<td>33.600</td>
<td>36.000</td>
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<td>7.5 m</td>
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### HEAVY LIFT "ON"

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</tbody>
</table>

*Load is limited by hydraulic capacity rather than tipping. Ratings are based on ISO standard No. J10567. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.*