KOMATSU PC600/LC-8 HYDRAULIC EXCAVATOR
Productivity features

- **Large digging force**
  High operating efficiency with large digging force at rugged work sites.

- **High work equipment speed**
  Increased arm and bucket dumping speed means efficient loading.

- **Lifting mode**
  The lifting mode increases the lifting force by 17%.

- **Two-mode setting for the boom**
  Switch selection allows either powerful digging or smooth boom operation.

- **Large drawbar pull and steering force**
  provide excellent mobility.

- **PowerMax function**
  temporarily increases digging force by 8% for added power in tough situations.

- **Excellent swing performance**
  provides excellent swing performance on slopes.

Easy maintenance

- Reverse rotation function of fan allows easier cleaning of radiator
- Optimised engine checkpoint locations
- Easy detachable radiator and oil cooler

Safety

- Large handrail, step and catwalk provide easy access to the engine and hydraulic equipment.
- Extreme durable anti slip plates for safe access

Excellent reliability and durability

- **Strengthened boom and arm**
  with large cross-sections and reliable welding for maximum strength and reliability.

- **Face seals**
  with excellent sealing performance are used for the hydraulic hoses.

- **Protected hydraulic circuit**
  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.

- **Sturdy guards**
  shield the travel motors against damage from rocks.

- **Highly-reliable electronic devices**
  Exclusively-designed electronic devices are certified by severe testing.
  - Controller
  - Sensors
  - Connectors
  - Heat-resistant wiring
ECOLOGY AND ECONOMY FEATURES

- Engine meets EU Stage IIIA emissions regulations
- Electronically controlled EGR system
- Reduced NOx emissions
- Variable speed electronic controlled fan
- Four level Economy mode allows optimum combination of fuel economy and production
- Meets EU Stage 2 noise regulations

LARGE, COMFORTABLE CAB

- Low noise and vibration with cab damper mounting
- Large-capacity cab with narrow corner posts provides improved visibility
- Large-capacity air conditioner
- Pressurised cab prevents external dust from entering

ADVANCED MONITOR FEATURES

- Machine condition can be checked with Equipment Management Monitoring System (EMMS)
- Two working modes combine with lifting mode for maximum productivity
PC600-8’s cab interior is spacious and provides a comfortable working environment...

**SpaceCab™**

**Superb visibility**
The PC600-8’s large capacity cab and increased glass area provide superb front visibility.

**Cab mounts**
The new cab damper mounting reduces vibrations and noise at operator’s seat.

**Standard heated air suspension seat**

**Low-noise design**
The noise levels at the operator’s ear have been decreased by improving the cab mounts and cab sealing performance.

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

**Pressurised cab**
The optional air conditioner, air filter, and a higher internal air pressure (6 mm Aq) prevent external dust from entering the cab.

**Automatic air conditioner**
A 6,900 kcal air conditioner is utilised. 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.
SAFETY & MAINTENANCE FEATURES

Safety features

Rigid, safe operator’s cab
- OPG top guard meets ISO 10262 Level 2 (optional)
- Additional head lamp
- Lower wiper (optional)

Pump/engine room partition
Prevents hydraulic oil from spraying onto the engine to reduce the risk of fire.

Step light with timer
Provides light for about one minute to allow the operator to get off the machine safely.

Large handrails and wide catwalk
Serrated steps and walkway, with highly durable anti slip plates give safer access.

Easy maintenance – Komatsu designed the PC600-8 for easy service access

Wide catwalk
A wide walkway for maintenance is provided around the engine and hydraulic components, allowing easy access to the inspection and maintenance points.

Footing over the engine
Because a step has been installed on a section above the engine, daily inspections of the engine and its surrounding area are easily conducted. Also, a protective cover has been installed to prevent direct hand contact with high temperature sections such as the turbocharger.

Reduced maintenance costs
The hydraulic oil filter replacement has been extended from 500 hours to 1000 hours. Check points are concentrated to one side of the engine for quick & easy access.

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

Hydraulics
A unique two-pump system assures smooth compound movement of the work equipment. The OLSS (Open Center Load Sensing System) controls all pumps for efficient use of engine power. This system also reduces hydraulic loss during operations.

Power and Economy mode
The PC600-8 excavator is equipped with two working modes. Each mode is designed to match the engine speed, pump speed, and system pressure to the current application, giving the operator the flexibility to match the equipment performance to the job at hand.

<table>
<thead>
<tr>
<th>Working mode</th>
<th>Advantage</th>
</tr>
</thead>
<tbody>
<tr>
<td>P Power mode</td>
<td>• Maximum production/power</td>
</tr>
<tr>
<td></td>
<td>• Fast cycle times</td>
</tr>
<tr>
<td>E Economy mode</td>
<td>• Good cycle times</td>
</tr>
<tr>
<td>(4 stage: E0, E1, E2, E3)</td>
<td>• Good fuel economy</td>
</tr>
<tr>
<td>L Lifting mode</td>
<td>• Hydraulic pressure increased by 17%</td>
</tr>
</tbody>
</table>

Lifting mode
Gives the operator 17% more lifting force on the boom when needed, for handling rock or heavy lifting applications.

PowerMax function
This function temporarily increases the digging force by 8% for added power in tough situations.

Excellent underfoot digging performance
The operability of the underfoot area, just below the operators cab, is excellent. This makes grading, leveling, rolling, carrying, and scraping soil in the underfoot area easy.

Automatic two-speed travel
Travel speed is automatically shifted from high to low speed, according to the travel pressure.

EMMS (Equipment Management Monitoring System)
• Monitor function: The controller monitors the engine oil level, coolant temperature, battery charge, air-filter restriction, and more. The controller finds any abnormality and displays it on the LCD.
• Maintenance records like engine oil replacement, hydraulic oil, filters and so on can be stored.
• The trouble data memory function stores machine abnormalities (error codes) in the monitor for effective troubleshooting.

Two settings for the boom
Smooth mode provides easy operation for gathering blasted rock and scraping operations. When maximum digging force is needed, switch to the power mode for more effective excavating.
High production and low fuel consumption

**Engine**
The PC600-8 gets its exceptional power and work capacity from its Komatsu SAA6D140E-5 engine. The output is 323 kW (433 HP). Using an electronically controlled EGR system, the engine delivers high power with low fuel consumption and meets EU Stage IIIA emissions regulations.

**Large digging force**
Thanks to the high engine output and an excellent hydraulic system, this machine delivers a powerful digging force.

**Large drawbar pull and steering force**
Because the machine has a large drawbar pull and a substantial steering force, it provides excellent mobility, even when working on an incline.

**Excellent swing performance**
The twin-swing motor system of PC600-8 provides excellent swing performance on slopes.

**Excellent machine stability**
The substantial machine weight and wide track gauge provide excellent machine stability.

**Electronically controlled variable speed fan**
The fan speed is electronically controlled according to actual operating conditions, ensuring maximum deployment of engine power to working, while minimising noise.

**4-stage Economy mode**
allows optimum combination of economy and production.
Excellent reliability and durability

**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 provide excellent durability and are highly resistant to bending and twisting.

**Metal guard rings**
Metal guard rings protect all of the hydraulic cylinders, and improve reliability.

**Heat-resistant wiring**
Heat-resistant wiring is utilised for the engine’s electric circuit and other major component circuits.

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

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

**Frame structure**
The revolving frame and centre frame mount have no welding structure. This ensures that force is transmitted directly to the thick plate of the frame without passing through any welds.

**High-pressure In-Line filtration**
The PC600-8 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 failure caused by contamination.

**Sturdy guards**
Shield the travel motors and piping against damage from rocks.

**Track roller guard (full length)**
Supplied as standard equipment.

**DT-type connectors**
Seal tight and have higher reliability.
The Komatsu Tracking System, KOMTRAX™, provides a revolutionary new way to monitor your equipment, any-time, anywhere. It lets you pin-point the precise location of your machines and obtain real-time machine data. Using GPS transmitter and satellite technology, it’s designed to be future proof and will meet your demands today and tomorrow.

There are certain countries where KOMTRAX™ is not yet available, please contact your distributor when you want to activate the system. Komtrax will not operate if the satellite signal is blocked or obscured.
SPECIFICATIONS

ENGINE

Model: Komatsu SAA6D140E-5
Type: Common rail direct injection, water-cooled, emissionised, turbocharged, after-cooled diesel

Engine power
at rated engine speed: 1,800 rpm
ISO 14396: 323 kW / 433 HP
ISO 9249 (net engine power): 320 kW / 429 HP

No. of cylinders: 6
Bore × stroke: 140 mm × 165 mm
Displacement: 15,24 ltr
Governor: All-speed, electronic

HYDRAULIC SYSTEM

Type: Open-center load-sensing system
Number of selectable working modes: 2
Main pump: Variable-capacity piston pump
Pumps for: Boom, arm, bucket, swing, and travel circuits
Maximum pump flow: 2 × 410 ltr/min
Supply for control circuit: Gear pump

Hydraulic motors:
- Travel: 2 × axial piston motor with parking brake
- Swing: 2 × axial piston motor with swing holding brake

Relief valve settings:
- Standard: 325 kg/cm²
- Travel circuit: 350 kg/cm²
- Swing circuit: 260 kg/cm²
- Lifting circuit: 350 kg/cm²
- Pilot circuit: 30 kg/cm²

Hydraulic cylinders (No. of cylinders – bore × stroke):
- Boom: 2 – 185 mm × 1,725 mm
- Arm: 1 – 200 mm × 2,045 mm
- Bucket (for 3,5 m arm): 1 – 185 mm × 1,425 mm
- Bucket (for 2,9 m arm): 1 – 185 mm × 1,610 mm

COOLANT AND LUBRICANT CAPACITY (REFILLING)

Fuel tank: 880 ltr
Radiator: 58 ltr
Engine oil: 40 ltr
Swing drive (2): 13 ltr
Hydraulic tank: 360 ltr
Final drive (each side): 10 ltr

SWING SYSTEM

Type: Hydraulic motor
Swing reduction: Planetary gear
Swing circle lubrication: Grease-bathed
Swing lock: Oil disc brake
Swing speed: 8,3 rpm

DRIVES AND BRAKES

Steering control: 2 levers with pedals
Drive method: Hydrostatic
Travel motor: Axial piston motor, in-shoe design
Reduction system: Planetary double reduction
Max. drawbar pull: 42.300 kg
Gradeability: 70%
Max. travel speeds
Lo / Hi: 3.0 / 4.9 km/h
Service brake: Hydraulic lock
Parking brake: Oil disc brake

UNDERCARRIAGE

Construction: H-leg frame with box section track-frames
Track assembly
Type: Fully sealed
Shoes (each side): 49 (PC600), 52 (PC600LC)
Tension: Hydraulic
Rollers
Track rollers (each side): 8 (PC600), 9 (PC600LC)
Carrier rollers (each side): 3

ENVIRONMENT

Engine emissions: Fully complies with EU Stage IIIA and EPA Tier III exhaust emission regulations
Noise levels
LwA external: 108 dB(A) (2000/14/EC Stage II)
LpA operator ear: 75 dB(A) (ISO 6396 dynamic test)
Vibration levels (EN 12096:1997)*/
Hand/arm: ≤ 2.5 m/s² (uncertainty K = 1.06 m/s²)
Body: ≤ 0.5 m/s² (uncertainty K = 1.15 m/s²)
* for the purpose of risk assessment under directive 2002/44/EC, please refer to ISO/TR 25398:2006.

OPERATING WEIGHT (APPR.)

Operating weight, including 6,600 mm one-piece boom, 2,900 mm arm, 2,500 kg backhoe bucket, operator, lubricant, coolant, full fuel tank and the standard equipment.

<table>
<thead>
<tr>
<th>MONO BOOM</th>
<th>PC600-8</th>
<th>PC600LC-8</th>
</tr>
</thead>
<tbody>
<tr>
<td>Triple grouser shoes</td>
<td>Operating weight</td>
<td>Ground pressure</td>
</tr>
<tr>
<td>600 mm</td>
<td>57,640 kg</td>
<td>1,03 kg/cm²</td>
</tr>
<tr>
<td>750 mm</td>
<td>58,460 kg</td>
<td>0,84 kg/cm²</td>
</tr>
<tr>
<td>900 mm</td>
<td>–</td>
<td>–</td>
</tr>
</tbody>
</table>
## Machine Dimensions

### BOOM LENGTH

<table>
<thead>
<tr>
<th>Arm Length</th>
<th>7.660 mm</th>
<th>6.600 mm</th>
<th>7.300 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>A Overall length</td>
<td>12.810 mm</td>
<td>11.830 mm</td>
<td>12.440 mm</td>
</tr>
<tr>
<td>B Overall width</td>
<td>4.210 mm</td>
<td>4.210 mm</td>
<td>4.210 mm</td>
</tr>
<tr>
<td>C Overall height (to top of boom)</td>
<td>4.300 mm</td>
<td>4.600 mm</td>
<td>4.280 mm</td>
</tr>
<tr>
<td>D Overall height (to top of cab)</td>
<td>3.290 mm</td>
<td>3.290 mm</td>
<td>3.290 mm</td>
</tr>
<tr>
<td>E Clearance under counterweight</td>
<td>1.365 mm</td>
<td>1.365 mm</td>
<td>1.365 mm</td>
</tr>
<tr>
<td>F Minimum ground clearance</td>
<td>780 mm</td>
<td>780 mm</td>
<td>780 mm</td>
</tr>
<tr>
<td>G Tail swing radius</td>
<td>3.800 mm</td>
<td>3.800 mm</td>
<td>3.800 mm</td>
</tr>
<tr>
<td>H Track length on ground</td>
<td>4.600 mm</td>
<td>4.250 mm</td>
<td>4.250 mm</td>
</tr>
<tr>
<td>I Track length</td>
<td>5.690 mm</td>
<td>5.340 mm</td>
<td>5.340 mm</td>
</tr>
<tr>
<td>J Track gauge</td>
<td>2.590 mm</td>
<td>2.590 mm</td>
<td>2.590 mm</td>
</tr>
<tr>
<td>K Track gauge at expanded position</td>
<td>3.300 mm</td>
<td>3.300 mm</td>
<td>3.300 mm</td>
</tr>
<tr>
<td>L Width of crawler</td>
<td>3.900 mm</td>
<td>3.900 mm</td>
<td>3.900 mm</td>
</tr>
<tr>
<td>M Grouser height</td>
<td>37 mm</td>
<td>37 mm</td>
<td>37 mm</td>
</tr>
<tr>
<td>N Machine cab height</td>
<td>3.435 mm</td>
<td>3.435 mm</td>
<td>3.435 mm</td>
</tr>
<tr>
<td>O Machine cab width</td>
<td>3.195 mm</td>
<td>3.195 mm</td>
<td>3.195 mm</td>
</tr>
<tr>
<td>P Distance, swing center to rear end</td>
<td>3.675 mm</td>
<td>3.675 mm</td>
<td>3.675 mm</td>
</tr>
</tbody>
</table>

### Arm Length

<table>
<thead>
<tr>
<th>Arm Length</th>
<th>3.500 mm</th>
<th>2.900 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arm length</td>
<td>3.500 mm</td>
<td>2.900 mm</td>
</tr>
<tr>
<td>Bucket digging force</td>
<td>30,000 kg</td>
<td>34,300 kg</td>
</tr>
<tr>
<td>Bucket digging force at PowerMax</td>
<td>32,300 kg</td>
<td>36,900 kg</td>
</tr>
<tr>
<td>Arm crowd force</td>
<td>23,300 kg</td>
<td>27,700 kg</td>
</tr>
<tr>
<td>Arm crowd force at PowerMax</td>
<td>25,100 kg</td>
<td>29,900 kg</td>
</tr>
</tbody>
</table>

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**BUCKET AND ARM FORCE (ISO)**

- Arm length: 3.500 mm, 2.900 mm
- Bucket digging force: 30,000 kg, 34,300 kg
- Bucket digging force at PowerMax: 32,300 kg, 36,900 kg
- Arm crowd force: 23,300 kg, 27,700 kg
- Arm crowd force at PowerMax: 25,100 kg, 29,900 kg
# PC600-8 HYDRAULIC EXCAVATOR

## DIMENSIONS

### UPPER STRUCTURE + UNDERCARRIAGE

<table>
<thead>
<tr>
<th></th>
<th>PC600-8</th>
<th>PC600LC-8</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall width</td>
<td>3.195 mm</td>
<td>3.195 mm</td>
</tr>
<tr>
<td>A</td>
<td>3.330 mm</td>
<td>3.330 mm</td>
</tr>
<tr>
<td>B</td>
<td>6.170 mm</td>
<td>6.340 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>34.240 kg</td>
<td>35.240 kg</td>
</tr>
</tbody>
</table>

### UNDERCARRIAGE

<table>
<thead>
<tr>
<th></th>
<th>PC600-8</th>
<th>PC600LC-8</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>5.340 mm</td>
<td>5.690 mm</td>
</tr>
<tr>
<td>B</td>
<td>1.260 mm</td>
<td>1.260 mm</td>
</tr>
<tr>
<td>C</td>
<td>875 mm</td>
<td>875 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>16.400 kg</td>
<td>17.400 kg</td>
</tr>
</tbody>
</table>

### WORK EQUIPMENT

#### Boom

<table>
<thead>
<tr>
<th></th>
<th>PC600-8</th>
<th>PC600LC-8</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall width</td>
<td>1.190 mm</td>
<td>1.190 mm</td>
</tr>
<tr>
<td>A</td>
<td>6.870 mm</td>
<td>7.545 mm</td>
</tr>
<tr>
<td>B</td>
<td>2.095 mm</td>
<td>1.960 mm</td>
</tr>
<tr>
<td>Weight (incl. arm cylinder)</td>
<td>5.300 kg</td>
<td>5.400 kg</td>
</tr>
</tbody>
</table>

#### Arm

<table>
<thead>
<tr>
<th></th>
<th>PC600-8</th>
<th>PC600LC-8</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall width</td>
<td>2.900 mm</td>
<td>3.500 mm</td>
</tr>
<tr>
<td>A</td>
<td>4.285 mm</td>
<td>4.885 mm</td>
</tr>
<tr>
<td>B</td>
<td>1.430 mm</td>
<td>1.240 mm</td>
</tr>
<tr>
<td>Weight (incl. bucket cylinder &amp; linkage)</td>
<td>3.400 kg</td>
<td>3.300 kg</td>
</tr>
</tbody>
</table>

### COUNTERWEIGHT

<table>
<thead>
<tr>
<th></th>
<th>PC600-8</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>680 mm</td>
</tr>
<tr>
<td>B</td>
<td>3.195 mm</td>
</tr>
<tr>
<td>C</td>
<td>1.330 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>10.750 kg</td>
</tr>
</tbody>
</table>

### CYLINDERS

#### Boom & arm cylinders

<table>
<thead>
<tr>
<th></th>
<th>PC600-8</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight</td>
<td>1.800 kg</td>
</tr>
</tbody>
</table>
**HYDRAULIC EXCAVATOR**

**PC600-8**

**WORKING RANGE**

<table>
<thead>
<tr>
<th>BOOM LENGTH</th>
<th>ARM LENGTH</th>
<th>7.660 mm</th>
<th>6.600 mm</th>
<th>7.300 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Max. digging height</td>
<td>11.880 mm</td>
<td>11.140 mm</td>
<td>11.475 mm</td>
</tr>
<tr>
<td>B</td>
<td>Max. dumping height</td>
<td>7.960 mm</td>
<td>7.210 mm</td>
<td>7.650 mm</td>
</tr>
<tr>
<td>C</td>
<td>Max. digging depth</td>
<td>8.490 mm</td>
<td>7.060 mm</td>
<td>8.165 mm</td>
</tr>
<tr>
<td>D</td>
<td>Max. vertical wall digging depth</td>
<td>7.510 mm</td>
<td>5.630 mm</td>
<td>6.660 mm</td>
</tr>
<tr>
<td>E</td>
<td>Max. digging depth of cut for 2.44 m level</td>
<td>8.360 mm</td>
<td>6.910 mm</td>
<td>8.030 mm</td>
</tr>
<tr>
<td>F</td>
<td>Max. digging reach</td>
<td>13.020 mm</td>
<td>11.550 mm</td>
<td>12.615 mm</td>
</tr>
<tr>
<td>G</td>
<td>Max. digging reach at ground level</td>
<td>12.800 mm</td>
<td>11.300 mm</td>
<td>12.385 mm</td>
</tr>
<tr>
<td>H</td>
<td>Min. swing radius</td>
<td>5.370 mm</td>
<td>4.670 mm</td>
<td>5.090 mm</td>
</tr>
<tr>
<td>I</td>
<td>Max. height of min. swing radius</td>
<td>10.020 mm</td>
<td>9.300 mm</td>
<td>9.745 mm</td>
</tr>
</tbody>
</table>
## Lifting Capacity

### PC600-8 Hydraulic Excavator

#### Lifting Capacity Table

<table>
<thead>
<tr>
<th>Arm Length</th>
<th>A</th>
<th>9,1 m</th>
<th>7,6 m</th>
<th>6,1 m</th>
<th>4,8 m</th>
<th>3,0 m</th>
</tr>
</thead>
<tbody>
<tr>
<td>L Mode: OFF</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Boom: 7,300 mm</td>
<td>9,1 m kg</td>
<td>*6,500</td>
<td>*6,500</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>6,1 m kg</td>
<td>*6,350</td>
<td>*6,350</td>
<td>*9,660</td>
<td>*9,300</td>
<td>*10,700</td>
</tr>
<tr>
<td></td>
<td>3,0 m kg</td>
<td>*7,150</td>
<td>6,200</td>
<td>*11,000</td>
<td>8,600</td>
<td>*13,200</td>
</tr>
<tr>
<td></td>
<td>0,0 m kg</td>
<td>8,400</td>
<td>6,150</td>
<td>10,700</td>
<td>7,950</td>
<td>14,500</td>
</tr>
<tr>
<td></td>
<td>-3,0 m kg</td>
<td>10,300</td>
<td>7,600</td>
<td>10,550</td>
<td>7,850</td>
<td>*14,100</td>
</tr>
<tr>
<td></td>
<td>-6,1 m kg</td>
<td>*9,500</td>
<td>*9,500</td>
<td>*10,800</td>
<td>*10,800</td>
<td>*14,500</td>
</tr>
<tr>
<td>With 600 mm shoes</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Boom: 6,600 mm</td>
<td>9,1 m kg</td>
<td>*8,150</td>
<td>*8,150</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
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<td>*7,950</td>
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<td>*8,700</td>
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<td></td>
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<tr>
<td></td>
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<td>*8,950</td>
<td>*8,950</td>
<td>*11,950</td>
<td>*11,950</td>
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</tr>
<tr>
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<td>9,800</td>
<td>7,600</td>
<td>11,400</td>
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<tr>
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<td>*10,650</td>
<td>*12,900</td>
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<tr>
<td>Boom: 6,600 mm</td>
<td>9,1 m kg</td>
<td>*11,850</td>
<td>*11,850</td>
<td></td>
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<td>*16,350</td>
<td>16,150</td>
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<tr>
<td>Boom: 6,600 mm</td>
<td>9,1 m kg</td>
<td>*11,850</td>
<td>*11,850</td>
<td></td>
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<td>-6,1 m kg</td>
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<td>13,750</td>
<td>*16,350</td>
<td>16,150</td>
<td>*22,200</td>
</tr>
</tbody>
</table>

* Load is limited by hydraulic capacity rather than tipping. Ratings are based on SAE Standard No. J/ISO 10567. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.
PC600-8 HYDRAULIC EXCAVATOR

Boom: 7.660 mm

A – Reach from swing centre
B – Bucket hook height
C – Lifting capacities

A – Rating over front
B – Rating over side
C – Rating at maximum reach

**MAX. BUCKET CAPACITY AND WEIGHT**

<table>
<thead>
<tr>
<th>Arm length</th>
<th>PC600-8</th>
<th>PC600LC-8</th>
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</thead>
<tbody>
<tr>
<td>2.9 m (6.6 m boom)</td>
<td>3.5 m (7.3 m boom)</td>
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<tr>
<td>Arm length</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Material weight up to 1.2 t/m³</td>
<td>5.25 m³</td>
<td>4.225 kg</td>
</tr>
<tr>
<td>Material weight up to 1.5 t/m³</td>
<td>4.20 m³</td>
<td>3.375 kg</td>
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<tr>
<td>Material weight up to 1.8 t/m³</td>
<td>3.50 m³</td>
<td>2.825 kg</td>
</tr>
</tbody>
</table>

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

Max capacity and weight have been calculated according to ISO 10567:2007. Please consult with your distributor for the correct selection of buckets and attachments to suit the application.
STANDARD EQUIPMENT

- Komatsu SAA6D140E-5, 323 kW turbocharged common rail direct injection diesel engine, EU Stage IIIA compliant
- Double element type air cleaner with dust indicator and auto-dust evacuator
- Cooling fan: remote hydraulically driven variable speed, reversible
- Radiator & oil cooler with fly net
- Automatic fuel line de-aeration
- Alternator 24 V/75 A
- Batteries 2 x 12 V/170 Ah
- Starter motor 24 V/11 kW
- Electronic Open-centre load sensing (E-OLSS) hydraulic system
- Auto-deceleration function
- Automatic engine warm-up system
- Engine overheat prevention system
- Multi-function colour monitor with equipment management monitoring system (EMMS)
- Working mode selection system (power mode, economy mode, lifting mode)
- Pump and engine mutual control (PEMC) system
- Adjustable PPC wrist control levers with 3 button controls for arm, boom, bucket and swing
- PPC control levers and pedals for steering and travel
- In-Line filter for hydraulics
- PowerMax function
- Hydrostatic, 2-speed travel system with automatic shift and planetary triple reduction final drives, and hydraulic travel and oil disc parking brakes
- SpaceCab™: highly pressurised and tightly sealed viscous mounted cab with tinted safety glass windows, opening roof hatch with window pull-up type front window with locking device, removable lower window, front window wiper with intermittent feature, ashtray, luggage box, floor mat, cigarette lighter, sun roller blind, bottle holder & magazine rack
- Air conditioning
- Stereo radio cassette
- Step light with timer
- 12 Volt power supply
- Fully adjustable heated air suspension seat
- Track frame undercovers
- Beacon
- Additional cab roof lights
- Machine cab handrails and catwalk
- Remote greasing for swing circle and pins
- Lockable fuel cap and covers
- Full length track roller guards
- Parts book and operator manual
- Engine ignition can be password secured on request
- Standard colour scheme and decals
- 2 mode boom control
- Counterweight mirror
- KOMTRAX™ Komatsu Tracking System
- Audible travel alarm
- Toolkit and spare parts for first service

OPTIONAL EQUIPMENT

Shoes:
- 600 mm triple grousers
- 750 mm triple grousers
- 900 mm triple grousers
- 600 mm double grousers

Arms:
- 2.900 mm
- 3.500 mm (not available with 6.600 mm boom)

Booms:
- 6.600 mm (w/o boom safety valves)
- 7.300 mm (with boom safety valves)
- 7.660 mm (with boom safety valves)
- 6.600 mm (with locking device, removable lower window, front window wiper with intermittent feature, ashtray, luggage box, floor mat, cigarette lighter, sun roller blind, bottle holder & magazine rack)
- 2 mode boom control
- Counterweight mirror
- KOMTRAX™ Komatsu Tracking System
- Audible travel alarm
- Toolkit and spare parts for first service

- HCU for breaker (only with 7.300 mm and 7.660 mm boom)
- Arm safety valve (only with 7.300 mm and 7.660 mm boom)
- Rain visor
- Bio oil
- OPG Level II top guard (FOPS)
- OPG Level II front guard (FOPS)
- Lower wiper
- Auto grease system

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Fax +32-2-252 19 81
www.komatsueurope.com

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