Hydraulic Excavator

PC240LC-11
Tier 4 Final Engine

Photos may include optional equipment.

NET HORSEPOWER
177 HP @ 2000 rpm
132 kW @ 2000 rpm

OPERATING WEIGHT
55,763–56,360 lb
25294–25574 kg

BUCKET CAPACITY
0.76–1.85 yd³
0.58–1.42 m³
WALK-AROUND

**NET HORSEPOWER**
177 HP @ 2000 rpm
132 kW @ 2000 rpm

**OPERATING WEIGHT**
55,763–56,360 lb
25294–25574 kg

**BUCKET CAPACITY**
0.76–1.85 yd³
0.58–1.42 m³

Photos may include optional equipment.
A powerful Komatsu SAA6D107E-3 engine provides a net output of 132 kW 177 HP. This engine is EPA Tier 4 Final emissions certified.

Variable Geometry Turbocharger (VGT) uses a hydraulic actuator to provide optimum air flow under all speed and load conditions.

Komatsu Diesel Particulate Filter (KDPF) and Selective Catalytic Reduction (SCR) system reduce particulate matter and NOx while providing automatic regeneration that does not interfere with daily operation.

Komatsu’s Closed-center Load Sensing System (CLSS) provides quick response and smooth operation to maximize productivity.

Enhanced working modes are designed to match engine speed, pump delivery, and system pressure to the application.

The KOMTRAX® telematics system is standard on Komatsu equipment with no subscription fees. Using the latest wireless technology, KOMTRAX® transmits valuable information such as location, utilization, and maintenance records to a PC or smartphone app. Custom machine reports are provided for identifying machine efficiency and operating trends. KOMTRAX® also provides advanced machine troubleshooting capabilities by continuously monitoring machine health.

Large LCD color monitor panel:
• 7” high resolution screen
• Provides "Ecology Guidance" for fuel efficient operation
• Enhanced attachment control

Rearview monitoring system (standard)

Equipment Management Monitoring System (EMMS) continuously monitors machine operation and vital systems to identify machine issues and assist with troubleshooting.

Enhanced working environment
• High back, heated air suspension operator seat with new adjustable arm rests
• Integrated ROPS cab design (ISO 12117-2)
• Cab meets ISO Level 1 Operator Protective Guard (OPG) top guard (ISO 10262)
• Aux jack and (2) 12V power outlets

Wide access service doors provide easy access for ground level maintenance.

Handrails (standard) on both sides provide more convenient access to the upper structure.

Battery disconnect switch allows a technician to disconnect the power supply before servicing the machine.

Komatsu designed and manufactured components

Komatsu Auto Idle Shutdown helps reduce idle time and reduce operating costs.

Operator Identification System can track machine operation for up to 100 operators.
KOMATSU NEW ENGINE TECHNOLOGIES

New Tier 4 Final Engine
The Komatsu SAA6D107E-3 engine is EPA Tier 4 Final emissions certified and provides exceptional performance and efficiency. Based on Komatsu proprietary technologies developed over many years, this new diesel engine reduces nitrogen oxides (NOx) by more than 80% when compared to Tier 4 interim levels. Through the in-house development and production of engines, electronics, and hydraulic components, Komatsu has achieved great advancements in technology, providing high levels of performance and efficiency in virtually all applications.

Technologies Applied to New Engine

Heavy-duty aftertreatment system
This new system combines a Komatsu Diesel Particulate Filter (KDPF) and Selective Catalytic Reduction (SCR). The SCR NOx reduction system injects the correct amount of Diesel Exhaust Fluid (DEF) at the proper rate, thereby decomposing NOx into non-toxic water vapor (H2O) and nitrogen gas (N2).

Advanced Electronic Control System
The electronic control system performs high-speed processing of all signals from sensors installed in the vehicle providing total control of equipment in all conditions of use. Engine condition information is displayed via an on-board network to the monitor inside the cab, providing necessary information to the operator. Additionally, managing the information via KOMTRAX helps customers keep up with required maintenance.

Variable Geometry Turbocharger (VGT) system
The VGT system features proven Komatsu designed hydraulic technology for variable control of air-flow and supplies optimal air according to load conditions. The upgraded version provides better exhaust temperature management.

PERFORMANCE FEATURES
Komatsu Auto Idle Shutdown
Komatsu auto idle shutdown automatically shuts the engine down after idling for a set period of time to reduce unnecessary fuel consumption and exhaust emissions. The amount of time before the engine is shutdown can be easily programmed from 5 to 60 minutes.

Heavy-Duty High-Pressure Common Rail (HPCR) Fuel Injection System
The system is designed to achieve an optimal injection of high-pressure fuel by means of computerized control, providing close to complete combustion to reduce PM emissions. While this technology is already used in current engines, the new system uses high pressure injection, thereby reducing PM emissions over the entire range of engine operating conditions. The Tier 4 Final engine has advanced fuel injection timing for reduced soot levels.

Enhanced Productivity
The PC240LC-11’s enhanced P Mode provides more hydraulic flow and increases productivity.

Productivity

Up to 4% increase
(compared to the PC240LC-10 in standard P Mode)

P mode (90° swing and loading onto truck)
Increased Work Efficiency

Powerful digging force

Functional digging force can be increased with use of the one-touch Power Max. function (up to 8.5 seconds of operation).

Maximum arm crowd force (ISO)

121 kN(12.3t) ➔ 129 kN(13.2t) 7% UP
(with Power Max.)

Maximum bucket digging force (ISO)

159 kN(16.2t) ➔ 172 kN(17.5t) 8% UP
(with Power Max.)

Measured with Power Max. function, 3045 mm arm and ISO rating

Large Displacement High Efficiency Pump

Large displacement hydraulic implement pumps provide high flow output at lower engine RPM as well as operation at the most efficient engine speed.

Working Mode Selection

The PC240LC-11 excavator is equipped with six working modes (P, E, L, B, ATT/P and ATT/E). Power Mode provides improved hydraulic power and faster cycle times for improved performance in demanding applications. Each mode is designed to match engine speed, pump flow, and system pressure to the application. The PC240LC-11 features an attachment mode (ATT/E) that allows operators to run attachments while in Economy mode.

<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 &amp; multifunction</td>
</tr>
<tr>
<td>E</td>
<td>Economy Mode</td>
<td>Good cycle times with reduced fuel consumption</td>
</tr>
<tr>
<td>L</td>
<td>Lifting Mode/</td>
<td>Increased lifting power &amp; fine control</td>
</tr>
<tr>
<td></td>
<td>Fine Control</td>
<td></td>
</tr>
<tr>
<td>B</td>
<td>Breaker Mode</td>
<td>One way flow for hydraulic breaker operation</td>
</tr>
<tr>
<td>ATT/P</td>
<td>Attachment</td>
<td>Two way flow with maximum power</td>
</tr>
<tr>
<td></td>
<td>Power Mode</td>
<td></td>
</tr>
<tr>
<td>ATT/E</td>
<td>Attachment</td>
<td>Two way flow with most efficient fuel economy</td>
</tr>
<tr>
<td></td>
<td>Economy Mode</td>
<td></td>
</tr>
</tbody>
</table>

High Rigidity Work Equipment

Booms and arms are constructed with thick plates of high tensile strength steel. In addition, these structures are designed with large cross sectional areas and large one piece steel castings in the boom foot, the boom tip, and the arm tip. The result is work equipment that exhibits long term durability and high resistance to bending and torsional stress. A standard HD boom design provides increased strength and reliability.
Comfortable Working Space

Wide spacious cab
The wide spacious cab includes a heated air suspension seat with reclining backrest. The seat height and position are easily adjusted using a pull-up lever. The armrest position is easily adjusted together with the console. Reclining the seat further enables it to be fully laid back with the headrest attached.

Arm rest with simple height adjustment function
A knob and plunger on the armrests allows easy height adjustment without the use of tools.

Low vibration with cab damper mounting

Automatic climate control

Pressurized cab

Auxiliary input jack
Connecting a regular audio device to the auxiliary jack allows the operator to hear the sound from the stereo speakers installed in the cab.
LARGE HIGH RESOLUTION LCD MONITOR

New Monitor Panel Interface Design
An updated large high resolution LCD color monitor enables accurate and smooth work. The interface has been redesigned to display key machine information in a new user friendly interface. A rear view camera and a DEF level gauge display have been added to the default main screen. The interface has a function that enables the main screen mode to be switched, thus enabling the optimum screen information for the particular work situation to be displayed.

Switchable Display Modes
The main screen display mode can be changed by pressing the pressing the F3 key.

Visual user menu
Pressing the F6 key on the main screen displays the user menu screen. The menus are grouped for each function, and use easy-to-understand icons which enable the machine to be operated easily.
Support Efficiency Improvement

Ecology guidance
While the machine is operating, ecology guidance pops up on the monitor screen to notify the operator of the status of the machine in real time.

Ecology gauge & fuel consumption gauge
The monitor screen is provided with an ecology gauge and also a fuel consumption gauge which is displayed continuously. In addition, the operator can set any desired target value of fuel consumption (within the range of the green display), enabling the machine to be operated with better fuel economy.

Operation record, fuel consumption history, and ecology guidance record
The ecology guidance menu enables the operator to check the operation record, fuel consumption history and ecology guidance record from the ecology guidance menu, using a single touch, thus assisting operators with reducing total fuel consumption.

Operator Identification Function
An operator identification ID can be set up for each operator, and used to manage operation information of individual machines using KOMTRAX data. Data sent from KOMTRAX can be used to analyze operation status by operator as well as by machine.
Centralized engine check points
Locations of the engine oil check and filters are integrated into one side to allow easy maintenance and service.

Battery disconnect switch
A standard battery disconnect switch allows a technician to disconnect the power supply and lock out before servicing the machine.

Easy to access air conditioner filter
Washable cab floormat
Sloping track frame
Utility space

Easy cleaning of cooling unit
Fuel pre-filter with water separator
High efficiency primary fuel filter
Easy access to engine oil filter, engine oil, drain valve, fuel drain valve and water separator drain valve
**Long-life oils, filters**

High performance filters are used in the hydraulic circuit and engine. By increasing the oil and filter replacement intervals, maintenance costs can be significantly reduced.

<table>
<thead>
<tr>
<th>Component</th>
<th>Replacement Interval</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engine oil &amp; Engine oil filter</td>
<td>every 500 hours</td>
</tr>
<tr>
<td>Hydraulic oil</td>
<td>every 5000 hours</td>
</tr>
<tr>
<td>Hydraulic oil filter</td>
<td>every 1000 hours</td>
</tr>
</tbody>
</table>

**Large capacity air cleaner**

Large capacity air cleaner is comparable to that of larger machines. The larger air cleaner can extend air cleaner life during long-term operation and helps prevent early clogging, and resulting power loss. A radial seal design is used for reliability.

**Diesel Exhaust Fluid (DEF) tank**

A large tank volume extends operating time before refilling and is installed on the right front platform for easy access. DEF tank and pump are separated for improved service access.

**Maintenance Information**

“Maintenance time caution lamp” display

When the remaining time to maintenance becomes less than 30 hours*, a maintenance time monitor appears. Pressing the F6 key switches the monitor to the maintenance screen.

* : The setting can be changed within the range between 10 and 200 hours.

**Manual Stational Regeneration**

Under most conditions, active regeneration will occur automatically with no effect on machine operation. In case the operator needs to disable active regeneration or initiate a manual stationary regeneration, this can be easily accomplished through the monitor panel. A soot level indicator is displayed to show how much soot is trapped in the KDPF.

**Supports the DEF level and refill timing**

The DEF level gauge is displayed continuously on the right side of the monitor screen. In addition, when DEF level is low, DEF low level guidance messages appear in pop up displays to inform the operator in real time.

**DT-type connectors**

Sealed DT-type electrical connectors provide high reliability, water and dust resistance.
**GENERAL FEATURES**

**ROPS CAB STRUCTURE**

**ROPS Cab (ISO 12117-2)**

The machine is equipped with a ROPS cab that conforms to ISO 12117-2 for excavators as standard equipment. It also satisfies the requirements for Level 1 Operator Protective Guard (OPG) and top guard (ISO 10262).

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**Rear View Monitoring System**

A new rear view monitoring system display has a rear view camera image that is continuously displayed together with the gauges and important vehicle information. This enables the operator to carry out work while easily checking the surrounding area.

**Low Vibration with Viscous Cab Mounts**

The PC240LC-11 uses viscous mounts for the cab that incorporate a longer stroke and the addition of a spring. The cab damper mounting combined with a high rigidity deck reduces vibration at the operator’s seat.

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**General Features**

- Secondary engine shut down switch at base of seat to shutdown the engine.
- Lock lever
- Seat belt retractable
- Tempered & tinted glass
- Large mirrors
- Slip-resistant plates
- Thermal and fan guards
- Pump/engine room partition
- Travel alarm
- Large cab entrance step
- Left and right side handrails
- Seat belt caution indicator
KOMTRAX EQUIPMENT MONITORING

✓ WHAT
  - KOMTRAX is Komatsu’s remote equipment monitoring and management system
  - KOMTRAX continuously monitors and records machine health and operational data
  - Information such as fuel consumption, utilization, and a detailed history lowering owning and operating cost

✓ WHEN
  - Know when your machines are running or idling and make decisions that will improve your fleet utilization
  - Detailed movement records ensure you know when and where your equipment is moved
  - Up to date records allow you to know when maintenance is due and help you plan for future maintenance needs

✓ WHERE
  - KOMTRAX data can be accessed virtually anywhere through your computer, the web or your smart phone
  - Automatic alerts keep fleet managers up to date on the latest machine notifications

✓ WHY
  - Knowledge is power - make informed decisions to manage your fleet better
  - Knowing your idle time and fuel consumption will help maximize your machine efficiency
  - Take control of your equipment - any time, anywhere

✓ WHO
  - KOMTRAX is standard equipment on all Komatsu construction products

KOMTRAX®
For construction and compact equipment.

KOMTRAX Plus®
For production and mining class machines.
Komatsu Oil and Wear Analysis (KOWA)

- KOWA detects fuel dilution, coolant leaks, and measures wear metals
- Proactively maintain your equipment
- Maximize availability and performance
- Can identify potential problems before they lead to major repairs
- Reduce life cycle cost by extending component life

Komatsu CARE® – Extended Coverage

- Extended Coverage can provide peace of mind by protecting customers from unplanned expenses that affect cash flow
- Purchasing extended coverage locks-in the cost of covered parts and labor for the coverage period and helps turn these into fixed costs

Komatsu Parts Support

- 24/7/365 to fulfill your parts needs
- 9 parts Distribution Centers strategically located across the U.S. and Canada
- Distributor network of more than 300 locations across U.S. and Canada to serve you
- Online part ordering through Komatsu eParts
- Remanufactured components with same-as-new warranties at a significant cost reduction

KOMATSU CARE

Program Includes:

*The PC240LC-11 comes standard with complimentary factory scheduled maintenance for the first 3 Years or 2,000 Hours, whichever comes first.

Planned Maintenance Intervals at:

500/1000/1500/2000 hour intervals. (250 hr. initial interval for some products) Complimentary Maintenance Interval includes: Replacement of Oils & Fluid Filters with genuine Komatsu Parts, 50-Point inspection, Komatsu Oil & Wear Analysis Sampling (KOWA) / Travel & Mileage (distance set by distributor; additional charges may apply)

Benefits of Using Komatsu CARE

- Assurance of Proper Maintenance with OEM Parts & Service
- Increased Uptime & Efficiency
- Factory Certified Technicians Performing Work
- Cost of Ownership Savings
- Transferable Upon Resale

Complimentary KDPF Exchange

The PC240LC-11 comes standard with 2 Complimentary KDPF Exchange Units for the first 5 Years (unlimited hours) Complimentary KDPF Exchange Units are provided at: The suggested KDPF Exchange Units Service Intervals of 4,500 hours and 9,000 hours during the first 5 years. End User must have authorized Komatsu distributor perform the removal and installation of the KDPF.

Complimentary SCR System Maintenance

The PC240LC-11 also includes 2 factory recommended services of the Selective Catalytic Reduction (SCR) Diesel exhaust fluid (DEF) system during the first 5 years–no hour limit–including: Factory recommended DEF tank flush and strainer cleaning at 4,500 hours and 9,000 hours.

Komatsu Oil and Wear Analysis (KOWA)

- KOWA detects fuel dilution, coolant leaks, and measures wear metals
- Proactively maintain your equipment
- Maximize availability and performance
- Can identify potential problems before they lead to major repairs
- Reduce life cycle cost by extending component life

* Certain exclusions and limitations apply. Refer to the customer certificate for complete program details and eligibility. Komatsu® and Komatsu Care® are registered trademarks of Komatsu Ltd. Copyright 2017 Komatsu America Corp.
**SPECIFICATIONS**

**ENGINE**

Model: Komatsu SAA6D107E-3
Type: Water-cooled, 4-cycle, direct injection
Aspiration: Turbocharged, aftercooled, cooled EGR
Number of cylinders: 6
Bore: 107 mm 4.21"
Stroke: 124 mm 4.88"
Horsepower: 189 HP
EPA Tier 4 Final emissions certified

**HYDRAULICS**

Type: HydraulMind (Hydraulic Mechanical Intelligence) system, closed-center system with load sensing valves and pressure compensated valves
Number of selectable working modes: 6
Main pump:
- Type: Variable displacement piston type
- Pumps for: Boom, arm, bucket, swing, and travel circuits
- Maximum flow: 475 ltr/min 125.5 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 brake
Relief valve setting:
- Implement circuits: 37.3 MPa 380 kg/cm² 5,400 psi
- Travel circuit: 37.3 MPa 380 kg/cm² 5,400 psi
- Swing circuit: 28.9 MPa 295 kg/cm² 4,190 psi
- Pilot circuit: 3.2 MPa 33 kg/cm² 470 psi
Hydraulic cylinders:
- (Number of cylinders – bore x stroke x rod diameter)
  - Boom: 2-135 mm x 1335 mm x 95 mm 3.0" x 52.6" x 3.7"
  - Arm: 1-140 mm x 1635 mm x 100 mm 5.5" x 64.4" x 3.9"
  - Bucket: 1-130 mm x 1020 mm x 90 mm 5.1" x 40.2" x 3.5"

**DRIVES AND BRAKES**

Steering control: Two levers with pedals
Drive method: Hydrostatic
Maximum drawbar pull: 202 kN 20570 kg 45,349 lb
Gradeability: 70%, 35°
Maximum travel speed:
- (Auto-Shift) High: 5.5 km/h 3.4 mph
- (Auto-Shift) Mid: 4.1 km/h 2.5 mph
- (Auto-Shift) Low: 3.0 km/h 1.9 mph
Service brake: Hydraulic
Parking brake: Mechanical

**SWING SYSTEM**

Drive method: Hydrostatic
Swing reduction: Planetary gear
Swing circle lubrication: Grease-bathed
Service brake: Hydraulic
Holding brake/Swing lock: Mechanical disc brake
Swing speed: 11.7 rpm
Swing torque: 8065 kg•m 58,334 ft lbs

**UNDERCARRIAGE**

Center frame: X-frame
Track frame: Box-section
Seal of track: Sealed track
Track adjuster: Hydraulic
Number of shoes (each side): 51
Number of carrier rollers (each side): 2
Number of track rollers (each side): 10

**COOLANT & LUBRICANT CAPACITY**

Fuel tank: 400 ltr 105.7 U.S. gal
Coolant: 36 ltr 9.5 U.S. gal
Engine: 23.1 ltr 6.1 U.S. gal
Final drive, each side: 5.0 ltr 1.3 U.S. gal
Swing drive: 7.2 ltr 1.9 U.S. gal
Hydraulic tank: 132 ltr 34.9 U.S. gal
Hydraulic system: 244 ltr 64.4 U.S. gal
DEF tank: 23.1 ltr 6.1 U.S. gal

**SOUND PERFORMANCE**

Exterior – ISO 6395: 103 dB(A)
Operator – ISO 6396: 70 dB(A)

**OPERATING WEIGHT (APPROXIMATE)**

Operating weight includes 5850 mm 19'2" one-piece boom, 3045 mm 10'0" arm, SAE heaped 1.42 m³ 1.85 yd³ bucket, rated capacity of lubricants, coolant, full fuel tank, operator, and standard equipment.

<table>
<thead>
<tr>
<th>Triple-Grouser Shoes</th>
<th>Operating Weight</th>
<th>Ground Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>ISO 16754</td>
</tr>
<tr>
<td>700 mm</td>
<td>25294 kg</td>
<td>0.44 kg/cm²</td>
</tr>
<tr>
<td>800 mm</td>
<td>25574 kg</td>
<td>0.39 kg/cm²</td>
</tr>
<tr>
<td>31.5&quot;</td>
<td>56,380 lb</td>
<td>5.51 psi</td>
</tr>
</tbody>
</table>

Component Weights

Arm including bucket cylinder and linkage: 3045 mm 10'0" arm assembly: 1222 kg 2,694 lb
3046 mm 10'0" HD arm assembly: 1318 kg 2,906 lb
3500 mm 11'6" arm assembly: 1442 kg 3,179 lb

One piece boom including arm cylinder: 6150 mm 20'2" boom assembly: 2219 kg 4,892 lb
6150 mm 20'2" boom assembly: 2325 kg 5,126 lb

Boom cylinders x 2: 210 kg 463 lb

Counterweight: 4670 kg 10,296 lb

| 1.42 m³ 1.85 yd³ bucket - 48" width: 1088 kg 2,400 lb |

PC240LC-11
SPECIFICATIONS

**DIMENSIONS**

<table>
<thead>
<tr>
<th>Spec</th>
<th>3045 mm</th>
<th>10'0&quot;</th>
<th>3500 mm</th>
<th>11'6&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>A Overall length</td>
<td>9965 mm</td>
<td>32'8&quot;</td>
<td>9990 mm</td>
<td>32'9&quot;</td>
</tr>
<tr>
<td>B Length on ground (transport)</td>
<td>5390 mm</td>
<td>17'8&quot;</td>
<td>4950 mm</td>
<td>16'3&quot;</td>
</tr>
<tr>
<td>C Overall height (to top of boom)*</td>
<td>3185 mm</td>
<td>10'5&quot;</td>
<td>3270 mm</td>
<td>10'9&quot;</td>
</tr>
<tr>
<td>D Overall width</td>
<td>3280 mm</td>
<td>10'9&quot;</td>
<td>3270 mm</td>
<td>10'9&quot;</td>
</tr>
<tr>
<td>E Overall height (to top of cab)*</td>
<td>3055 mm</td>
<td>10'0&quot;</td>
<td>3270 mm</td>
<td>10'9&quot;</td>
</tr>
<tr>
<td>F Overall height (to top of handrail)*</td>
<td>3150 mm</td>
<td>10'4&quot;</td>
<td>3270 mm</td>
<td>10'9&quot;</td>
</tr>
<tr>
<td>G Ground clearance, counterweight</td>
<td>1100 mm</td>
<td>3'7&quot;</td>
<td>910 mm</td>
<td>3'0&quot;</td>
</tr>
<tr>
<td>H Ground clearance, minimum</td>
<td>440 mm</td>
<td>1'5&quot;</td>
<td>910 mm</td>
<td>3'0&quot;</td>
</tr>
<tr>
<td>I Tail swing radius</td>
<td>3020 mm</td>
<td>9'11&quot;</td>
<td>3270 mm</td>
<td>10'9&quot;</td>
</tr>
<tr>
<td>J Track length on ground</td>
<td>3845 mm</td>
<td>12'7&quot;</td>
<td>4950 mm</td>
<td>16'3&quot;</td>
</tr>
<tr>
<td>K Track length</td>
<td>4640 mm</td>
<td>15'3&quot;</td>
<td>4950 mm</td>
<td>16'3&quot;</td>
</tr>
<tr>
<td>L Track gauge</td>
<td>2580 mm</td>
<td>8'6&quot;</td>
<td>2850 mm</td>
<td>9'4&quot;</td>
</tr>
<tr>
<td>M Width of crawler</td>
<td>3280 mm</td>
<td>10'9&quot;</td>
<td>3270 mm</td>
<td>10'9&quot;</td>
</tr>
<tr>
<td>N Shoe width</td>
<td>700 mm</td>
<td>2'4&quot;</td>
<td>914 mm</td>
<td>3'0&quot;</td>
</tr>
<tr>
<td>O Grouser height</td>
<td>26 mm</td>
<td>0'1&quot;</td>
<td>3150 mm</td>
<td>10'4&quot;</td>
</tr>
<tr>
<td>P Machine height to top of counterweight</td>
<td>2265 mm</td>
<td>7'5&quot;</td>
<td>2850 mm</td>
<td>9'4&quot;</td>
</tr>
<tr>
<td>Q Machine height to top of engine cover</td>
<td>2780 mm</td>
<td>9'1&quot;</td>
<td>2850 mm</td>
<td>9'4&quot;</td>
</tr>
<tr>
<td>R Machine upper width</td>
<td>2850 mm</td>
<td>9'4&quot;</td>
<td>2850 mm</td>
<td>9'4&quot;</td>
</tr>
<tr>
<td>S Distance, swing center to rear end</td>
<td>2985 mm</td>
<td>9'10&quot;</td>
<td>2850 mm</td>
<td>9'4&quot;</td>
</tr>
</tbody>
</table>

* : Including grouser height

**BACKHOE BUCKET, ARM AND BOOM COMBINATION**

<table>
<thead>
<tr>
<th>Bucket Type</th>
<th>0.58 m³</th>
<th>0.67 yd³</th>
<th>0.78 m³</th>
<th>0.86 yd³</th>
<th>0.99 m³</th>
<th>1.10 yd³</th>
<th>1.20 m³</th>
<th>1.32 yd³</th>
<th>1.41 m³</th>
<th>1.60 yd³</th>
</tr>
</thead>
<tbody>
<tr>
<td>Komatsu TL</td>
<td>610 mm</td>
<td>24&quot;</td>
<td>687 kg</td>
<td>1514 lb</td>
<td>762 mm</td>
<td>30&quot;</td>
<td>807 kg</td>
<td>1779 lb</td>
<td>914 mm</td>
<td>36&quot;</td>
</tr>
<tr>
<td>Komatsu HP</td>
<td>610 mm</td>
<td>24&quot;</td>
<td>812 kg</td>
<td>1791 lb</td>
<td>762 mm</td>
<td>30&quot;</td>
<td>931 kg</td>
<td>2053 lb</td>
<td>914 mm</td>
<td>36&quot;</td>
</tr>
<tr>
<td>Komatsu HPS</td>
<td>610 mm</td>
<td>24&quot;</td>
<td>870 kg</td>
<td>1917 lb</td>
<td>762 mm</td>
<td>30&quot;</td>
<td>1020 kg</td>
<td>2248 lb</td>
<td>914 mm</td>
<td>36&quot;</td>
</tr>
<tr>
<td>Komatsu HPX</td>
<td>610 mm</td>
<td>24&quot;</td>
<td>987 kg</td>
<td>2177 lb</td>
<td>762 mm</td>
<td>30&quot;</td>
<td>1138 kg</td>
<td>2508 lb</td>
<td>914 mm</td>
<td>36&quot;</td>
</tr>
</tbody>
</table>

- Used with material weights up to 3,500 lb/yd³ – Quarry/rock/high abrasion applications
- Used with material weights up to 2,500 lb/yd³ – General construction
- Used with material weights up to 3,000 lb/yd³ – Tough digging applications
- Used with material weights up to 2,000 lb/yd³ – Light materials applications
- Not usable
### PC240LC-11

#### Working Range

**Arm Length**

<table>
<thead>
<tr>
<th></th>
<th>3045 mm</th>
<th>10'6&quot;</th>
<th>3500 mm</th>
<th>11'6&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Max. digging height</td>
<td>10000 mm</td>
<td>32'10&quot;</td>
<td>10300 mm</td>
</tr>
<tr>
<td>B</td>
<td>Max. dumping height</td>
<td>7035 mm</td>
<td>23'1&quot;</td>
<td>7360 mm</td>
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<tr>
<td>C</td>
<td>Max. digging depth</td>
<td>6920 mm</td>
<td>22'8&quot;</td>
<td>7320 mm</td>
</tr>
<tr>
<td>D</td>
<td>Max. vertical wall digging depth</td>
<td>6010 mm</td>
<td>19'9&quot;</td>
<td>6230 mm</td>
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<tr>
<td>E</td>
<td>Max. digging depth for 8' level bottom</td>
<td>6700 mm</td>
<td>22'0&quot;</td>
<td>7150 mm</td>
</tr>
<tr>
<td>F</td>
<td>Max. digging reach</td>
<td>10180 mm</td>
<td>33'5&quot;</td>
<td>10580 mm</td>
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<tr>
<td>G</td>
<td>Max. digging reach at ground level</td>
<td>10020 mm</td>
<td>32'10&quot;</td>
<td>10420 mm</td>
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<tr>
<td>H</td>
<td>Min. swing radius</td>
<td>3450 mm</td>
<td>11'4&quot;</td>
<td>3340 mm</td>
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</table>

**SAE rating**

- Bucket digging force at power max. | 152 kN | 152 kN | 15500 kg / 34,171 lb | 15500 kg / 34,171 lb
- Arm crowd force at power max. | 119 kN | 107 kN | 12100 kg / 26,752 lb | 10900 kg / 24,055 lb

**ISO rating**

- Bucket digging force at power max. | 172 kN | 172 kN | 17500 kg / 38,667 lb | 17500 kg / 38,667 lb
- Arm crowd force at power max. | 129 kN | 110 kN | 13200 kg / 29,000 lb | 11200 kg / 24,729 lb
LIFT CAPACITIES

LIFTING CAPACITY WITH LIFTING MODE

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

Conditions:
- Boom length: 5850 mm 19' 2" one-piece boom
- Bucket: None
- Lifting mode: On

<table>
<thead>
<tr>
<th>Arm: 3045 mm 10'6&quot;</th>
<th>Bucket: None</th>
<th>Shoes: 700 mm 28&quot; triple grouser</th>
<th>Unit: kg lb</th>
</tr>
</thead>
<tbody>
<tr>
<td>B</td>
<td>MAX</td>
<td>1.5 m 5'</td>
<td>3.0 m 10'</td>
</tr>
<tr>
<td></td>
<td>Cf</td>
<td>Cs</td>
<td>Cf</td>
</tr>
<tr>
<td>7.6 m</td>
<td>6.5 m</td>
<td>* 5950</td>
<td>* 5950</td>
</tr>
<tr>
<td>25'</td>
<td>21'</td>
<td>* 13200</td>
<td>* 13200</td>
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<tr>
<td>6.1 m</td>
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<td>25'</td>
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<tr>
<td>15'</td>
<td>27'</td>
<td>* 17300</td>
<td>* 17300</td>
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<tr>
<td>3.0 m</td>
<td>8.6 m</td>
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<tr>
<td>10'</td>
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<td>32200</td>
</tr>
<tr>
<td>5'</td>
<td>28'</td>
<td>17300</td>
<td>32200</td>
</tr>
<tr>
<td>0 m</td>
<td>8.4 m</td>
<td>* 7850</td>
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<tr>
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<td>26'</td>
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<td>* 18200</td>
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<tr>
<td>-3.0 m</td>
<td>7.1 m</td>
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<td>* 13450</td>
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<tr>
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<tr>
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<td>19'</td>
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</table>

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LIFTING CAPACITY WITH LIFTING MODE

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

Conditions:
- Boom length: 5850 mm 19' 2" one-piece boom
- Bucket: None
- Lifting mode: On

<table>
<thead>
<tr>
<th>Arm: 3045 mm 10'6&quot;</th>
<th>Bucket: None</th>
<th>Shoes: 800 mm 31.5&quot; triple grouser</th>
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<tr>
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<td>Cf</td>
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<td>Cf</td>
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<td>* 13200</td>
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<td>6.1 m</td>
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<td>* 8050</td>
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<tr>
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<tr>
<td>15'</td>
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<td>-15'</td>
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### LIFTING CAPACITY WITH LIFTING MODE

**A:** Reach from swing center  
**B:** Bucket hook height  
**C:** Lifting capacity

#### Conditions:
- Boom length: 5850 mm 19' 2" one-piece boom  
- Bucket: None  
- Lifting capacity:  
- Rating over front  
- Rating over side  
- Rating at maximum reach

#### Arm: 3500 mm 11'6"

<table>
<thead>
<tr>
<th>B</th>
<th>MAX</th>
<th>1.5 m 5'</th>
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<th>C MAX</th>
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<tbody>
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<td><em>5500</em></td>
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<td><em>4000</em></td>
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</tr>
<tr>
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</tr>
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</tbody>
</table>

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### LIFTING CAPACITY WITH LIFTING MODE

**A:** Reach from swing center  
**B:** Bucket hook height  
**C:** Lifting capacity

#### Conditions:
- Boom length: 5850 mm 19' 2" one-piece boom  
- Bucket: None  
- Lifting capacity:  
- Rating over front  
- Rating over side  
- Rating at maximum reach

#### Arm: 3500 mm 11'6"

<table>
<thead>
<tr>
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STANDARD EQUIPMENT

- 3 Speed travel with Auto shift
- Alternator, 90 Ampere, 24V
- AM/FM radio
- Automatic engine warm-up system
- Automatic air conditioner/heater
- Auto idle
- Auto Idle Shutdown (programmable)
- Lever lock Auto-lock
- Auxiliary input (3.5 mm jack)
- Batteries, large capacity
- Battery disconnect switch
- Boom and arm holding valves
- Carrier rollers (2 each side)
- Converter, (2) x 12V
- Counterweight, 4670 kg 10,296 lb
- Dry type air cleaner, double element
- Electric horn
- EMMS monitoring system
- Engine, Komatsu SAA6D107E-3
- Engine coolant to -25°C -13°F
- Extended work equipment grease interval
- Fan guard structure
- Fuel system pre-cleaner 10 micron
- High back air suspension seat, with heat
- Hydraulic track adjusters
- KOMTRAX® Level 5.0
- Large LCD color monitor, high resolution
- Lock lever
- Mirrors, (LH and RH)
- Operator Protective Top Guard (OPG), Level 1 (ISO 10262)
- Operator Identification System
- Pattern change valve (ISO to BH control)
- Power maximizing system
- PPC hydraulic control system
- Pump/engine room partition cover
- Radiator and oil cooler dustproof net
- Rear reflectors
- Rearview monitoring system (1 camera)
- Revolving frame deck guard
- Revolving frame undercovers
- ROPS cab (ISO 12117-2)
- Seat belt, retractable, 76 mm 3"
- Seat belt indicator
- Secondary engine shutoff switch
- Service valve
- Shoes, triple grouser, 800 mm 31.5"
- Skylight
- Slip resistant foot plates
- Starter motor, 5.5kW/24V x 1
- Suction fan
- Thermal and fan guards
- Track frame undercovers
- Track frame swivel guard
- Travel alarm
- Working lights, 2 (boom and RH front)
- Working mode selection system

OPTIONAL EQUIPMENT

- Arms
  - 3045 mm 10’0” arm assembly
  - 3045 mm 10’0” HD arm assembly with piping
  - 3500 mm 11’6” arm assembly
  - 3500 mm 11’6” arm assembly with piping
- Booms
  - 5850 mm 19’2” boom assembly
  - 5850 mm 19’2” HD boom assembly with piping
- Cab guards
  - Full front guard, OPG Level 1
  - Full front guard, OPG Level 2
  - Bolt-on top guard, OPG Level 2
  - Lower front window guard
- High pressure in-line hydraulic filters
- Hydraulic control unit, 1 actuator
- Proportional control handles
- Reinforced revolving frame with 5500 kg 12,125 lb counterweight
- Revolving frame undercovers, heavy duty
- Shoes, triple grouser, 700 mm 28"
- Sun visor
- Rain visor
- Straight travel pedal
- Track roller guards, full length
- Working light, front, two additional cab mounted

ATTACHMENT OPTIONS

- Cab air pre-cleaner
- Grade control systems
- Hydraulic couplers
- Hydraulic kits, field installed
- Load hold, anti-burst valves
- Super long fronts
- PSM thumbs
- Rockland thumbs
- Vandalism protection guards with storage box
- For a complete list of available attachments, please contact your local Komatsu distributor.

Note: All comparisons and claims of improved performance made herein are made with respect to the prior Komatsu model unless otherwise specifically stated.