PC360LCi-11

Tier 4 Final Engine

HYDRAULIC EXCAVATOR

NET HORSEPOWER
257 HP @ 1950 rpm
192 kW @ 1950 rpm

OPERATING WEIGHT
78,484–79,807 lb
35600–36200 kg

BUCKET CAPACITY
0.89–2.56 yd³
0.68–1.96 m³

Photo may include optional equipment.
WALK-AROUND

**PC360LCi-11**

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- 192 kW @ 1950 rpm

Operating Weight
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Bucket Capacity
- 0.89–2.56 yd³
- 0.68–1.96 m³

Photos may include optional equipment.
MAKE EVERY PASS COUNT

**Innovative**
- Intelligent Machine Control excavator features semi-automatic operation of work equipment for highly accurate work.
- Large 12.1" (30.7 cm) monitor neatly displays simultaneous information such as magnified fine grading view, 3D view, current as-built status, etc.

**Integrated**
- Complete factory installed integrated intelligent Machine Control system comes standard with stroke sensing hydraulic cylinders, Global Navigation Satellite System (GNSS) components and an Inertial Measurement Unit (IMU) sensor. All components are validated to Komatsu’s rigid quality & durability standards.

**Intelligent**
- Intelligent Machine Control excavator allows the operator to focus on moving material efficiently while semi-automatically tracing the target surface and limiting over-excavation.
- Facing angle compass, light bar and sound guidance aid in ease of operation and bucket positioning.
intelligent Machine Control is based on Komatsu’s unique sensor package, including stroke sensing hydraulic cylinders, an IMU sensor, and GNSS antennas. It utilizes 3D design data loaded in the control box to accurately check its position against the target. If the bucket hits the target surface, it is semi-automatically limited to minimize over-excavation. If the operator turns off Auto mode, the machine can be operated with highly accurate, responsive machine guidance (indicate only).

- **Auto grade assist**
  With the auto grade assist function, the operator moves the arm, the boom adjusts the bucket height automatically, tracing the target surface and minimizing digging too deep. This allows the operator to perform rough digging without worrying about the design surface, and to perform fine digging by operating the arm lever only. The working range is extended by holding the lever to move the boom downward.

- **Auto stop control**
  During boom or bucket operation, the work equipment automatically stops when the bucket edge reaches the design surface, thus minimizing damage to the design surface.

- **Minimum distance control**
  The intelligent Machine Control excavator controls the bucket by automatically selecting the point on the bucket closest to the target surface. Should the machine not be facing a sloped surface at a right angle, it will still follow the target surface and minimize digging below it.
**Improved Construction Efficiency**

Staking, survey and final inspection (which is usually done manually), can be reduced with the intelligent Machine Control excavator by setting 3D design data on the control box. Also, use of the facing angle compass can minimize leveling work for the surface on which the machine sits. Even if the machine is inclined while working, the facing angle compass allows the operator to ensure that the machine is facing perpendicular to the target surface. The intelligent Machine Control technology allows the operator to improve work efficiency (i.e. shorter construction time) while minimizing over-excavating the target surface from rough digging to finish grading.

**Comparison of Construction Time Based On In-House Test of Excavation and Grading Slope Surface**

![Comparison of Construction Time Based On In-House Test of Excavation and Grading Slope Surface](image)

* When used by an expert operator, the Komatsu intelligent Machine Control system increases construction efficiency.
* The above data does not include design time or working data creation time. The above data is based on in-house construction tests, performed by Komatsu, whose conditions may differ from actual construction.

**Improved Work Accuracy**

The bucket edge/tip position is instantly displayed on the control box, eliminating the wait time for display on the monitor during construction. The large and easy-to-view control box displays information clearly, aiding in highly accurate work. With manual operation and conventional machine guidance, finish grade quality and excavating accurately depends heavily on the skill of the operator. With the intelligent Machine Control excavator, the bucket is automatically limited to follow the target grade without over-excavating.

**Relationship Between Finished Surface and Allowable Value**

![Relationship Between Finished Surface and Allowable Value](image)

**As-Built Surface Track Mapping**

Operator can display and check the as-built status and find where to cut and fill.
**Control Box**

The monitor of the Komatsu intelligent Machine Control (control box) uses a large 12.1" (30.7 cm) screen for visibility and ease of use. The simple screen layout displays the necessary information in an easily understood fashion. Touch screen icon interface instead of multi-step menu simplifies operation.

**Bucket Edge Guidance with Eyesight and Sound**

*Light bar*

Colors show the bucket edge position relative to the target surface. Since the light bar is located on the left side of the screen, the bucket edge position can be viewed simply while operating, which increases the work efficiency.

*Sound guidance*

The operator can recognize the target surfaces not only by eyesight, but also by sound. Unique tones can be programmed for various bucket edge distances from the target surface.

**Machine Navigation**

*Facing angle compass*

The orientation and color of the facing angle compass’s arrow shows the operator the facing angle of the bucket edge relative to the target surface. This allows the bucket edge to be accurately positioned square with the target surface, which is useful when finishing slopes.

**Enhanced operability of the machine control**

Semi-auto/manual mode switching and design surface offset function can be operated with switches on the control levers.
Factory installed Komatsu intelligent Machine Control components.

The Sitelink 3D Enterprise connects the office and machine via a network, to help visualize the worksite clearly.

Transmission of design data from office to machine

Sending messages from office to machine or vice versa

Progress information and as-built data can be sent to the office from the machine in real time.

Remote assistance function enables troubleshooting from anywhere via the internet.

Please contact your local Topcon dealer for details.
Komatsu’s New Emission Regulations-compliant Engine

New regulations effective in 2014 require the reduction of NOx emissions to one tenth or below from the preceding regulations. In addition to refining the Tier 4 Interim technologies, Komatsu has developed a new Selective Catalytic Reduction (SCR) device in-house.

Technologies Applied to New Engine

Heavy-duty aftertreatment system

This new system combines a Diesel Particulate Filter (DPF) 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).

Heavy-duty cooled Exhaust Gas Recirculation (EGR) system

The system recirculates a portion of exhaust gas into the air intake and lowers combustion temperatures, thereby reducing NOx emissions. EGR gas flow has been decreased for Tier 4 Final with the addition of SCR technology. The system achieves a dynamic reduction of NOx, while helping reduce fuel consumption below Tier 4 Interim levels.

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 design hydraulic technology for variable control of air-flow and supplies optimal air according to load conditions. The upgraded version provides better exhaust temperature management.
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 both PM emissions and fuel consumption over the entire range of engine operating conditions. The Tier 4 Final engine has advanced fuel injection timing for reduced fuel consumption and lower soot levels.

Productivity
The PC360LCi-11’s enhanced P Mode provides improved performance in demanding applications.

Up to 12% increase
(compared to the PC360LC-10 in P Mode)

Productivity

Increased Work Efficiency
Large digging force
With the one-touch Power Max. function, digging force is increased for 8.5 seconds of operation.

Maximum arm crowd force (ISO)

\[
160 \text{ kN}(16.3\text{t}) \rightarrow 171 \text{ kN}(17.4\text{t}) \quad \text{7% UP}
\]
(With Power Max.)

Maximum bucket digging force (ISO)

\[
213 \text{ kN}(21.7\text{t}) \rightarrow 228 \text{ kN}(23.2\text{t}) \quad \text{7% UP}
\]
(With Power Max.)

Measured with Power Max. function, 3185 mm arm and ISO rating

Faster arm cycle speeds
Two return hoses improve arm cylinder hydraulic flow for faster arm out performance.

Two-mode settings for boom
- Smooth boom mode provides easy operation for gathering material or scraping down
- Power boom mode maximizes digging force for more effective excavating

Lifting mode
When the Lifting mode is selected, lifting capacity is increased 7% by raising hydraulic pressure.
WORKING ENVIRONMENT

Comfortable Working Space

Wide spacious cab
Wide spacious cab includes seat with reclining backrest. The seat height and longitudinal inclination are easily adjusted using a pull-up lever. You can set the appropriate operational posture of armrest together with the console. Reclining the seat further enables you to place it into the fully flat state with the headrest attached.

Arm rest with simple height adjustment function
The addition of a knob and a plunger to the armrest permits the height of the armrest to be easily adjusted 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 speakers installed in the cab.

Standard Equipment

<table>
<thead>
<tr>
<th>Sliding window glass (left side)</th>
<th>Lockout Tagout Ready</th>
</tr>
</thead>
<tbody>
<tr>
<td>Remote intermittent wiper with windshield washer</td>
<td>Tie Off Points Standard (ISO 14567)</td>
</tr>
<tr>
<td>Opening &amp; closing skylight</td>
<td>Magazine box &amp; cup holder</td>
</tr>
<tr>
<td>Defroster (conforms to the ISO standard)</td>
<td>One-touch storable front window lower glass</td>
</tr>
</tbody>
</table>
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).

General Features

Secondary engine shut down switch at base of seat to shutdown the engine.

Seat belt caution indicator

Lock lever
Retractable seat belt
Tempered & tinted glass
Large cab entrance step
Left and right side hand rails

Large mirrors
Slip-resistant plates
Thermal and fan guards
Pump/engine compartment partition
Travel alarm

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 PC360LCi-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.
Drawbar Pull
The Komatsu designed final drives and undercarriage provide high drawbar pull for good maneuverability and performance when working on adverse grades or soft ground.

Working Mode Selection
The PC360LCi-11 excavator is equipped with six working modes (P, E, L, B, ATT/P and ATT/E). An enhanced Power Mode provides improved performance in demanding applications. Each mode is designed to match engine speed, pump flow, and system pressure to the application. The PC360LCi-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</td>
</tr>
<tr>
<td>E</td>
<td>Economy mode</td>
<td>• Good cycle times</td>
</tr>
<tr>
<td>L</td>
<td>Lifting mode</td>
<td>• Increases hydraulic pressure</td>
</tr>
<tr>
<td>B</td>
<td>Breaker mode</td>
<td>• Optimum engine rpm, hydraulic flow</td>
</tr>
<tr>
<td>ATT/P</td>
<td>Attachment Power mode</td>
<td>• Optimum engine rpm, hydraulic flow, 2-way</td>
</tr>
<tr>
<td>ATT/E</td>
<td>Attachment Economy mode</td>
<td>• Optimum engine rpm, hydraulic flow, 2-way, Economy mode</td>
</tr>
</tbody>
</table>

Grease Sealed Track
The PC360LCi-11 uses grease sealed tracks for extended undercarriage life.

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.

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 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.
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 DPF.

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.
KOMATSU PARTS & SERVICE SUPPORT

KOMATSU PARTS & SERVICE SUPPORT

KOMATSU CARE
Program Includes:
* The PC360LCi-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 DPF Exchange
The PC360LCi-11 comes standard with 2 Complimentary DPF Exchange units for the first 5 Years or 9000 hours whichever comes first. The suggested DPF Exchange unit service intervals are 4500 hours & 9000 hours. End user must have authorized Komatsu distributor perform the removal & installation of the DPF.

Complimentary SCR System Maintenance
The PC360LCi-11 also includes 2 factory recommended services of the Selective Catalytic Reduction (SCR) Diesel Exhaust Fluid (DEF) system during the first 5 Years or 9000 hours whichever comes first. The service includes factory recommended DEF tank flush & strainer cleaning at the suggested service intervals of 4500 hours & 9000 hours.

Komatsu Care® – Extended Coverage
- Extended Coverage can provide peace of mind by protecting customers from unplanned expenses that effect 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 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

<table>
<thead>
<tr>
<th>Interval PM</th>
<th>500 1000 1500 2000</th>
</tr>
</thead>
<tbody>
<tr>
<td>KOWA SAMPLING – (Engine, Hydraulics, Swing Circle, L &amp; R Final Drives)</td>
<td>✔ ✔ ✔ ✔</td>
</tr>
<tr>
<td>LUBRICATE MACHINE</td>
<td>✔ ✔ ✔ ✔</td>
</tr>
<tr>
<td>LUBRICATE SWING CIRCLE</td>
<td>✔ ✔ ✔ ✔</td>
</tr>
<tr>
<td>CHECK SWING PINION GREASE LEVEL</td>
<td>✔ ✔ ✔ ✔</td>
</tr>
<tr>
<td>CHANGE ENGINE OIL</td>
<td>✔ ✔ ✔ ✔</td>
</tr>
<tr>
<td>REPLACE ENGINE OIL FILTER</td>
<td>✔ ✔ ✔ ✔</td>
</tr>
<tr>
<td>REPLACE FUEL PRE-FILTER</td>
<td>✔ ✔ ✔ ✔</td>
</tr>
<tr>
<td>REPLACE AC FRESH &amp; RECIRC AIR FILTERS</td>
<td>✔ ✔ ✔ ✔</td>
</tr>
<tr>
<td>CLEAN AIR CLEANER ELEMENT</td>
<td>✔ ✔ ✔ ✔</td>
</tr>
<tr>
<td>DRAIN SEDIMENT FROM FUEL TANK</td>
<td>✔ ✔ ✔ ✔</td>
</tr>
<tr>
<td>COMPLETE 50 POINT INSPECTION FORM; LEAVE PINK COPY WITH CUSTOMER OR IN CAB</td>
<td>✔ ✔ ✔ ✔</td>
</tr>
<tr>
<td>RESET MONITOR PANEL MAINTENANCE COUNTER FOR APPROPRIATE ITEMS</td>
<td>✔ ✔ ✔ ✔</td>
</tr>
<tr>
<td>REPLACE HYDRAULIC TANK BREATHER ELEMENT</td>
<td>✔ ✔ ✔ ✔</td>
</tr>
<tr>
<td>REPLACE DEF TANK BREATHER ELEMENT</td>
<td>✔ ✔ ✔ ✔</td>
</tr>
<tr>
<td>CHECK DAMPER CASE OIL LEVEL, ADD WHEN NECESSARY</td>
<td>✔ ✔ ✔ ✔</td>
</tr>
<tr>
<td>REPLACE MAIN FUEL FILTER</td>
<td>✔ ✔ ✔ ✔</td>
</tr>
<tr>
<td>CHANGE SWING MACHINERY OIL</td>
<td>✔ ✔ ✔ ✔</td>
</tr>
<tr>
<td>REPLACE HYDRAULIC OIL FILTER ELEMENT</td>
<td>✔ ✔ ✔ ✔</td>
</tr>
<tr>
<td>CLEAN HYDRAULIC TANK STRAINER</td>
<td>✔ ✔ ✔ ✔</td>
</tr>
<tr>
<td>CHANGE FINAL DRIVE OIL</td>
<td>✔ ✔ ✔ ✔</td>
</tr>
<tr>
<td>REPLACE KCCV FILTER ELEMENT</td>
<td>✔ ✔ ✔ ✔</td>
</tr>
<tr>
<td>REPLACE DEF PUMP FILTER</td>
<td>✔ ✔ ✔ ✔</td>
</tr>
<tr>
<td>FACTORY TRAINED TECHNICIAN LABOR</td>
<td>✔ ✔ ✔ ✔</td>
</tr>
</tbody>
</table>

2 DPF Exchanges at 4,500 Hrs and 9,000 Hrs.
2 SCR System Maintenance Services at 4,500 Hrs. and 9000 Hrs.

* 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.
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

For construction and compact equipment.
**SPECIFICATIONS**

### ENGINE

- **Model:** Komatsu SAA6D114E-6
- **Type:** Water-cooled, 4-cylinder, direct injection
- **Aspiration:** Variable Geometry Turbocharger
- **Number of cylinders:** 6
- **Bore:** 114 mm
- **Stroke:** 140.5 mm
- **Piston displacement:** 8.85 ltr
- **Horsepower:**
  - Gross 202 kW (271 HP)
  - Net 192 kW (257 HP)
- **Governor:** All-speed, control, electronic
- **Fan drive method for radiator cooling:** Mechanical
- **Relief valve setting:**
  - Pilot circuit: 535 ltr/min, 141.3 gal/min
  - Self-reducing valve
- **Type:** HydrauMind (Hydraulic Mechanical Intelligence) system, closed-center system with load sensing valve and pressure compensated valves, 6 selectable working modes
- **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, 5,400 psi
  - Travel circuit: 37.3 MPa, 5,400 psi
  - Swing circuit: 285 MPa, 4,050 psi
  - Pilot circuit: 3.2 MPa, 470 psi
- **Hydraulic cylinders:**
  - (Number of cylinders – bore x stroke x rod diameter)
  - **Boom:** 2–140 mm x 1480 mm x 100 mm
  - **Arm:** 1–160 mm x 1825 mm x 110 mm
  - **Bucket:** 3.2 mm, 3050 psi
- **Working forces:**
  - **Bucket:** 5,536 kgf, 3,400 lbf
  - **Arm:** 5,536 kgf, 3,400 lbf
  - **Bucket** includes 
  - **Arm:** 5,536 kgf, 3,400 lbf

### HYDRAULICS

- **Type:** Variable displacement axial piston type
- **Supply for control circuit:** 3.6 ltr, 142.8 U.S. gal
- **Max pressure:** 5.5 bar, 80 psi
- **Flow:** 57.1 ltr/min, 15.5 gal/min
- **Relief valve:** 500 psi
- **KOMATSU SAA6D114E-6**
  - **Engine:**
    - **Model:** SAA6D114E-6
    - **Rated power:** 171 HP (230 kW)
    - **Coolant & lubricant capacity:**
      - **Capacity:** 605 ltr, 159.8 U.S. gal
      - **Coolant:** 71 ltr, 18.8 U.S. gal
      - **Lubricant:** 534 ltr, 140.5 U.S. gal
- **COOLANT & LUBRICANT CAPACITY**
  - **Fuel tank:** 605 ltr, 159.8 U.S. gal
  - **Radiator:** 37 ltr, 9.7 U.S. gal
  - **Engine:** 35 ltr, 9.2 U.S. gal
  - **Coolant:** 2.4 ltr, 0.64 U.S. gal
  - **Lubricant:** 38 ltr, 10.1 U.S. gal
- **SWING SYSTEM**
  - **Swing reduction:**
    - **Boom, arm, bucket, swing, and travel circuits:**
      - **Swing speed:** 82,313 rpm
  - **Swing torque:** 1.96 m, 54°
- **HYDRAULIC SYSTEM**
  - **Bucket:** 13,200 lb, 5,987 kg
  - **Arm:** 2,800 lb, 1,272 kg
  - **Boom:** 3,400 lb, 1,536 kg
- **SOUND PERFORMANCE**
  - **Exterior – ISO 6395:** 103 dB(A)
  - **Interior – ISO 6396:** 71 dB(A)

### WORKING FORCES

- **Arm Length 3165 mm 10'5"**
  - **Bucket:** 200 kN, 44,970 lb
  - **Arm:** 165 kN, 36,330 lb
- **Arm Length 4020 mm 13'2"**
  - **Bucket:** 228 kN, 50,300 lb
  - **Arm:** 144 kN, 31,710 lb

### UNDERCARRIAGE

- **Center frame:** X-frame
- **Track frame:** Box-section
- **Track type:** Sealed
- **Track adjuster:** Hydraulic
- **Number of shoes (each side):** 48
- **Number of carrier rollers (each side):** 2
- **Number of track rollers (each side):** 8

### COMPONENT WEIGHTS

- **One piece HD boom including arm cylinder:** 3135 kg, 6,912 lb
- **Boom cylinders x 2:** 259 kg, 571 lb
- **Counterweight:** 692 kg, 15,255 lb

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**PC360LCi-11**
For best semi-automatic machine control performance, observe maximum attachment weights:

- Exceeding recommended attachment weights may negatively impact performance and accuracy of semi-automatic function.

**DIMENSIONS**

<table>
<thead>
<tr>
<th>Arm Length</th>
<th>3185 mm</th>
<th>10'6&quot;</th>
<th>4020 mm</th>
<th>13'2&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>A Overall length</td>
<td>11145 mm</td>
<td>36’7”</td>
<td>11170 mm</td>
<td>36’8”</td>
</tr>
<tr>
<td>B Length on ground (transport)</td>
<td>5935 mm</td>
<td>19’6”</td>
<td>5475 mm</td>
<td>18’0”</td>
</tr>
<tr>
<td>C Overall height (to top of boom)*</td>
<td>3285 mm</td>
<td>10’9”</td>
<td>3760 mm</td>
<td>12’4”</td>
</tr>
<tr>
<td>D Overall width</td>
<td>3440 mm</td>
<td>11’3”</td>
<td></td>
<td></td>
</tr>
<tr>
<td>E Overall height (to top of cab)*</td>
<td>3160 mm</td>
<td>10’4”</td>
<td></td>
<td></td>
</tr>
<tr>
<td>F Overall height (to top of handrail)*</td>
<td>3255 mm</td>
<td>10’8”</td>
<td></td>
<td></td>
</tr>
<tr>
<td>G Overall height (to top of GNSS antenna)*</td>
<td>3330 mm</td>
<td>10’11”</td>
<td></td>
<td></td>
</tr>
<tr>
<td>H Ground clearance, counterweight</td>
<td>1185 mm</td>
<td>3’11”</td>
<td></td>
<td></td>
</tr>
<tr>
<td>I Ground clearance, minimum</td>
<td>498 mm</td>
<td>1’8”</td>
<td></td>
<td></td>
</tr>
<tr>
<td>J Tail swing radius</td>
<td>3445 mm</td>
<td>11’4”</td>
<td></td>
<td></td>
</tr>
<tr>
<td>K Track length on ground</td>
<td>4030 mm</td>
<td>13’3”</td>
<td></td>
<td></td>
</tr>
<tr>
<td>L Track length</td>
<td>4955 mm</td>
<td>16’3”</td>
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<tr>
<td>M Track gauge</td>
<td>2590 mm</td>
<td>8’6”</td>
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<tr>
<td>N Width of crawler</td>
<td>800 mm 31.5” shoe</td>
<td>3390 mm</td>
<td>11’1”</td>
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<tr>
<td></td>
<td>850 mm 33.5” shoe</td>
<td>3440 mm</td>
<td>11’3”</td>
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<tr>
<td>O Shoe width</td>
<td>850 mm</td>
<td>33.5”</td>
<td></td>
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<tr>
<td>P Grouser height</td>
<td>36 mm</td>
<td>1.4”</td>
<td></td>
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<tr>
<td>Q Machine height to top of engine cover</td>
<td>3135 mm</td>
<td>10’3”</td>
<td></td>
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<tr>
<td>R Machine upper width **</td>
<td>3145 mm</td>
<td>10’4”</td>
<td></td>
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<tr>
<td>S Distance, swing center to rear end</td>
<td>3405 mm</td>
<td>11’2”</td>
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* : Including grouser height  ** : Including handrail

**BACKHOE BUCKET, ARM AND BOOM COMBINATION**

<table>
<thead>
<tr>
<th>Bucket Type</th>
<th>Capacity</th>
<th>Teeth</th>
<th>Width</th>
<th>Weight</th>
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<tbody>
<tr>
<td>Komatsu TL</td>
<td>0.93 m³</td>
<td>1.21 yd³</td>
<td>4</td>
<td>762 mm (30&quot;)</td>
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<tr>
<td>Komatsu HP</td>
<td>0.93 m³</td>
<td>1.21 yd³</td>
<td>3</td>
<td>610 mm (24&quot;)</td>
</tr>
<tr>
<td>Komatsu HPS</td>
<td>0.93 m³</td>
<td>1.21 yd³</td>
<td>4</td>
<td>762 mm (30&quot;)</td>
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<tr>
<td>Komatsu HPX</td>
<td>0.93 m³</td>
<td>1.21 yd³</td>
<td>3</td>
<td>610 mm (24&quot;)</td>
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</table>

For best semi-automatic machine control performance, observe maximum attachment weights:

- 2500 kg 5,511 lb maximum for 3185 mm 10’ 5” standard arm assembly
- 2350 kg 5,180 lb maximum for 4020 mm 13’ 2” standard arm assembly

Exceeding recommended attachment weights may negatively impact performance and accuracy of semi-automatic function.

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

**WORKING RANGE**

**PC360LCi-11**

<table>
<thead>
<tr>
<th>Arm</th>
<th>Arm Length</th>
<th>3185 mm</th>
<th>10'5&quot;</th>
<th>4020 mm</th>
<th>13'2&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Max. digging height</td>
<td>10210 mm</td>
<td>33'6&quot;</td>
<td>10550 mm</td>
<td>34'7&quot;</td>
</tr>
<tr>
<td>B</td>
<td>Max. dumping height</td>
<td>7110 mm</td>
<td>23'4&quot;</td>
<td>7490 mm</td>
<td>24'7&quot;</td>
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<tr>
<td>C</td>
<td>Max. digging depth</td>
<td>7280 mm</td>
<td>23'11&quot;</td>
<td>8110 mm</td>
<td>26'7&quot;</td>
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<tr>
<td>D</td>
<td>Max. vertical wall digging depth</td>
<td>6480 mm</td>
<td>21'3&quot;</td>
<td>7280 mm</td>
<td>23'11&quot;</td>
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<tr>
<td>E</td>
<td>Max. digging depth for 8' level bottom</td>
<td>7180 mm</td>
<td>23'7&quot;</td>
<td>7960 mm</td>
<td>26'1&quot;</td>
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<tr>
<td>F</td>
<td>Max. digging reach</td>
<td>11100 mm</td>
<td>36'5&quot;</td>
<td>11900 mm</td>
<td>39'1&quot;</td>
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<tr>
<td>G</td>
<td>Max. digging reach at ground level</td>
<td>10920 mm</td>
<td>35'10&quot;</td>
<td>11730 mm</td>
<td>38'6&quot;</td>
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<tr>
<td>H</td>
<td>Min. swing radius</td>
<td>4310 mm</td>
<td>14'2&quot;</td>
<td>4320 mm</td>
<td>14'2&quot;</td>
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</table>

**SAE rating**

- **Bucket digging force at power max.**
  - 200 kN
  - 20400 kg / 44,970 lb

- **Arm crowd force at power max.**
  - 165 kN
  - 16800 kg / 37,040 lb

**ISO rating**

- **Bucket digging force at power max.**
  - 226 kN
  - 23200 kg / 51,150 lb

- **Arm crowd force at power max.**
  - 171 kN
  - 17400 kg / 38,360 lb
### PC360LCi-11

**Arm: 3185 mm 105°**

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**Arm: 4020 mm 132°**

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### Conditions:
- Bucket: None
- Lifting mode: On
- 5600 mm 21° 3° one-piece boom

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

- 3 speed travel with auto shift
- Alternator, 90 Ampere, 24V
- AM/FM radio
- Arm holding valve
- Automatic engine warm-up system
- Automatic climate control/air conditioner/heater/defroster
- Auto idle
- Auto idle shut down, programmable
- Auxiliary input (3.5mm jack)
- Batteries, large capacity (2 x 12V)
- Battery master disconnect switch
- Boom holding valves
- Carrier rollers, (2 each side)
- Converter, (2) x 12V
- Counterweight, 6920 kg 15,255 lb
- Dry type air cleaner, double element
- Electric horn
- Engine, Komatsu SAA6D114E-6
- Engine coolant to -25°C -13°F
- EMMS monitoring system
- Engine overheat prevention system
- Extended work equipment grease interval
- Fan guard structure
- Fuel priming pump
- Fuel system pre-filter 10 micron
- Grease sealed track chain
- High back air suspension seat, with heat
- Hydraulic cooling fan (reversible)
- 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
- 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 undercovers, heavy duty
- Revolving frame undercovers, severe duty
- Sun visor
- Straight travel pedal
- Track roller guards, full length
- Track shoes, triple grouser, 800 mm 31.5"
- Working lights, front, two additional cab mounted

OPTIONAL EQUIPMENT

- Arms
  - 3185 mm 10'5" arm assembly
  - 4020 mm 13'2" arm assembly
- Booms
  - 6500 mm 21'3" HD boom assembly
  - 6500 mm 21'3" 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
- High pressure in-line hydraulic filters
- Hydraulic control unit, 1 actuator
- Rain visor
- Revolving frame undercovers
- Revolving frame undercovers, heavy duty
- Revolving frame undercovers, severe duty
- Sun visor
- Straight travel pedal
- Track roller guards, full length
- Track shoes, triple grouser, 800 mm 31.5"
- Working lights, front, two additional cab mounted

ATTACHMENT OPTIONS

- Hydraulic couplers
- Hydraulic kits, field installed
- Load hold, anti-burst valves
- 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.