PC360LC-10
Tier 4 Interim Engine

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

**OPERATING WEIGHT**
78,255–79,930 lb
35496–36255 kg

**BUCKET CAPACITY**
0.89–2.56 yd³
0.68–1.96 m³

PHOTOS MAY INCLUDE OPTIONAL EQUIPMENT
Photos may include optional equipment.
A powerful Komatsu SAA6D114E-5 engine provides a net output of 192 kW 257 HP. This engine is EPA Tier 4 Interim and EU stage 3B emissions certified.

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

Komatsu Diesel Particulate Filter (KDPF) captures 90% of particulate matter and provides automatic regeneration that does not interfere with daily operation.

Two boom mode settings provide power mode for maximum digging force or smooth mode for fine grading operations.

Increased drawbar pull provides improved steering and maneuverability.

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

Rearview monitoring system (standard)

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

Enhanced working environment
- High back, heated, and air suspension operator seat
- Integrated ROPS cab design (ISO 12117-2)
  - Cab meets ISO Level 1 Operator Protective Guard (OPG) top guard (ISO 10262)

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

Komatsu designed and manufactured components

Komtrax equipped machines can send location, SMR and operation maps to a secure website utilizing wireless technology. Machines also relay error codes, cautions, maintenance items, fuel levels, and much more.
Advanced Electronic Control System

The engine control system has been upgraded to effectively manage the air flow rate, EGR gas flow rate, fuel injection parameters, and aftertreatment functions. The new control system also provides enhanced diagnostic capabilities.

Environment-Friendly Engine

The Komatsu SAA6D114E-5 engine is EPA Tier 4 Interim and EU Stage 3B emissions certified and provides exceptional performance while reducing fuel consumption. Based on Komatsu proprietary technologies developed over many years, this new diesel engine reduces exhaust gas particulate matter (PM) by more than 90% and nitrogen oxides (NOx) by more than 45% when compared to Tier 3 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.

Low Operational Noise

The PC360LC-10 provides low noise operation using a low noise engine and methods that reduce noise at the source such as sound absorbing materials.

Komatsu Diesel Particulate Filter (KDPF)

Komatsu has developed a high efficiency diesel particulate filter that captures more than 90% of particulate matter. Both passive and active regeneration are automatically initiated by the engine controller depending on the soot level of the KDPF. A special oxidation catalyst with a fuel injection system is used to oxidize and remove particulate matter while the machine is running so the regeneration process will not interfere with daily operation.

The operator can also initiate regeneration manually or disable regeneration depending on the work environment.
Komatsu Variable Geometry Turbocharger (KVGT)

Using Komatsu proprietary technology, a newly designed variable geometry turbocharger with a hydraulic actuator is used to manage and deliver optimum air flow to the combustion chamber under all speed and load conditions. The robust hydraulic actuator provides power and precision, resulting in cleaner exhaust gas and improved fuel economy while maintaining performance.

Closed Crankcase Ventilation (CCV)

Crankcase emissions (blow-by gas) are passed through a CCV filter. The CCV filter traps oil mist which is returned back to the crankcase while the gas, which is almost oil mist free, is fed back to the air intake.

Redesigned Combustion Chamber

The combustion chamber located at the top of the engine piston has a new shape designed to improve combustion and further reduce NOx, PM, fuel consumption, and noise levels.

Large Digging Force

The PC360LC-10 is equipped with the Power Max system. This function temporarily increases digging force for 8.5 seconds of operation.

**Maximum arm crowd force (ISO):**

\[
\begin{align*}
160 \text{ kN (16.3 t)} & \rightarrow 171 \text{ kN (17.4 t)} \\
& \text{7 % UP (with Power Max.)}
\end{align*}
\]

**Maximum bucket digging force (ISO):**

\[
\begin{align*}
213 \text{ kN (21.7 t)} & \rightarrow 228 \text{ kN (23.2 t)} \\
& \text{7 % UP (with Power Max.)}
\end{align*}
\]

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

Cooled Exhaust Gas Recirculation (EGR)

Cooled EGR, a technology that has been well proven in Komatsu Tier 3 engines, reduces NOx emissions to meet Tier 4 levels. The hydraulically actuated EGR system has increased capacity and uses larger and more robust components to ensure reliability for demanding work conditions.

Heavy Duty High Pressure Common Rail (HPCR) Fuel Injection System

The heavy duty HPCR system is electronically controlled to deliver a precise quantity of pressurized fuel into the combustion chamber using multiple injection events to achieve complete fuel burn and reduce exhaust gas emissions. Fuel injector reliability has been improved by using ultra-hard wear resistant materials.
Efficient Hydraulic System
The PC360LC-10 uses a Closed Center Load Sensing (CLSS) hydraulic system that improves fuel efficiency and provides quick response to the operator’s demands.
The PC360LC-10 also introduces new technology to enhance the engine and hydraulic pump control. This total control system matches the engine and hydraulics at the most efficient point under any load condition. There have also been improvements in the main valve and hydraulic circuit to reduce hydraulic loss, resulting in higher efficiency and lower fuel consumption.

Reduced Up To 10% Fuel consumption
vs PC350LC-8
Based on typical work pattern collected via KOMTRAX

Two Boom Mode Settings
Smooth boom mode provides easy operation for gathering blasted rock or when scraping down. Power boom mode maximizes digging force for more effective excavating.

Smooth Loading Operation
Two return hoses improve hydraulic performance. During the arm out function, a portion of the oil is returned directly back to the tank for smooth operation.

Working Mode Selection
The PC360LC-10 excavator is equipped with six working modes (P, E, L, B, ATT/P and ATT/E). Each mode is designed to match engine speed, pump flow, and system pressure to the application. The PC360LC-10 features a new mode (ATT/E) which 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></td>
<td></td>
<td>• Fast cycle times</td>
</tr>
<tr>
<td>E</td>
<td>Economy mode</td>
<td>• Good cycle times</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Better fuel economy</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</td>
</tr>
</tbody>
</table>

Eco-Gauge Assists with Energy Saving Operations
The Eco-gauge and new fuel consumption gauge are viewed on the right side of the color monitor and assist the operator in maintaining low fuel consumption and environment friendly operation.
**RELIABILITY FEATURES**

**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. An HD boom assembly is offered for increased strength and reliability.

**Grease Sealed Track**
The PC360LC-10 uses grease sealed tracks for extended undercarriage life.

**Metal Guard Rings**
The PC360LC-10 uses metal guard rings to protect all of the hydraulic cylinders and improve long term reliability.

**O-Ring Face Seals**
Flat face-to-face O-ring seals are used to securely seal hydraulic hose connections.

**Komatsu Designed Components**
All of the major machine components such as the engine, hydraulic pumps, hydraulic motors, and control valves are exclusively designed and manufactured by Komatsu.

**High Efficiency Fuel Filter**
A new high efficiency dual element fuel filter improves fuel system reliability.

**Equipped with a Fuel Pre-filter (With Water Separator)**
A fuel pre-filter removes water and contaminants in the fuel to increase reliability. For convenience, the fuel pre-filter has a built in priming pump.

**Durable Frame Structure**
The revolving frame, center frame, and undercarriage are designed using the most advanced three dimensional CAD and FEM analysis technology.

**Highly Reliable Electronic Devices**
Exclusively designed electronic devices have passed severe testing.
- Controllers
- Connectors
- Sensors
- Heat Resistant Wiring
NEWLY DESIGNED WIDE SPACIOUS CAB

The newly designed wide spacious cab features a high back, fully adjustable seat with a reclining backrest. The console and seat have an integrated design so that they move together and provide additional comfort for the operator.

- Heated
- Air Suspension
- Integrated Seat
- Console Mounted Arm Rests

LOW CAB NOISE

The new cab design is highly rigid and has excellent sound absorption ability. By improving noise source reduction and by using a low noise engine, hydraulic equipment, and air conditioner, this machine is able to generate low noise levels similar to that of a modern automobile.

AUTOMATIC AIR CONDITIONER

The automatic air conditioner allows the operator to easily and precisely set the cab atmosphere using the large LCD color monitor panel. The bi-level control function improves air flow and keeps the inside of the cab comfortable throughout the year.

PRESSURIZED CAB

The air conditioner, air filter, and a higher internal cab air pressure minimize the amount of external dust that enters the cab.

LOW VIBRATION WITH VISCOUS CAB MOUNTS

The PC360LC-10 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.

AUXILIARY INPUT (MP3 JACK)

By connecting an auxiliary device such as an MP3 player to the auxiliary input, the operator can hear the sound through the speakers installed in the cab.
Operational "ECO" Guidance

The monitor panel provides operational advice to the operator to help improve machine efficiency and lower fuel consumption. The operator can access the ECO guidance menu to check the Operation Records, Eco Guidance Records, and Average Fuel Consumption Logs.

Improved Attachment Control

The PC360LC-10 is capable of storing up to ten different attachments in the new monitor panel. The name of each attachment can be changed for better tool management. Hydraulic flow rates can be easily adjusted for one-way and two-way flow attachments.

Large High Resolution LCD Monitor Panel

A new large, user-friendly, high resolution LCD color monitor enables accurate and smooth work. Screen visibility and resolution are further improved compared to the previous LCD monitor panel. The switches and function keys are easy to operate and provide simple navigation through the monitor screens.

Data is displayed in 25 languages to support operators around the world.

Indicators

<table>
<thead>
<tr>
<th>Indicator</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Auto-decelerator</td>
</tr>
<tr>
<td>2</td>
<td>Working mode</td>
</tr>
<tr>
<td>3</td>
<td>Travel speed</td>
</tr>
<tr>
<td>4</td>
<td>Engine water temperature gauge</td>
</tr>
<tr>
<td>5</td>
<td>Fuel gauge</td>
</tr>
<tr>
<td>6</td>
<td>Fuel consumption gauge</td>
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<tr>
<td>7</td>
<td>Eco-gauge</td>
</tr>
<tr>
<td>8</td>
<td>Hydraulic oil temperature gauge</td>
</tr>
<tr>
<td>9</td>
<td>Function switches menu</td>
</tr>
</tbody>
</table>

Basic operation switches

<table>
<thead>
<tr>
<th>Switch</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Auto-decelerator</td>
</tr>
<tr>
<td>2</td>
<td>Working mode selector</td>
</tr>
<tr>
<td>3</td>
<td>Traveling selector</td>
</tr>
<tr>
<td>4</td>
<td>Buzzer cancel</td>
</tr>
<tr>
<td>5</td>
<td>Wiper</td>
</tr>
<tr>
<td>6</td>
<td>Windshield washer</td>
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</tbody>
</table>

Air conditioner operation switches

<table>
<thead>
<tr>
<th>Switch</th>
<th>Function</th>
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<tr>
<td>1</td>
<td>Air conditioner operation</td>
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Function switches

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</table>

ECO Guidance

Operation Records

Average Fuel Consumption Logs

Attachment Setting Screen

Attachment Flow Screen
KDPF Regeneration Notification
The LCD color monitor panel provides the operator with the status of the KDPF regeneration, without interfering with daily operation. When the machine initiates active regeneration an icon will appear to notify the operator.

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.

Easier Engine Access
Engine maintenance is made easier with a new platform.

Sloped Track Frame
Minimizes dirt and sand accumulation while allowing easy mud removal.

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

Manual Stationary 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.

Extended Work Equipment Greasing Intervals
Special hard material is used for the work equipment bushings to lengthen the greasing intervals. All work equipment bushing lubrication intervals, except the arm tip and bucket linkage, are 500 hours, reducing maintenance costs.

Equipped with Eco-drain Valve
Minimizes ground contamination due to oil leakage when replacing the engine oil.

Photos may include optional equipment

<table>
<thead>
<tr>
<th>Maintenance Feature</th>
<th>Interval</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engine oil &amp; Engine oil filter</td>
<td>every 500 hours</td>
</tr>
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PC360LC-10

Long Life Oils, Filters

- Engine oil & Engine oil filter: every 500 hours
- Hydraulic oil: every 5000 hours
- Hydraulic oil filter: every 1000 hours

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- Minimizes ground contamination due to oil leakage when replacing the engine oil.
**Gas Assisted Engine Hood Damper Cylinders**

The engine hood can be easily opened and closed by using the gas assisted engine hood damper cylinders.

**Equipment Management Monitoring System (EMMS)**

The PC360LC-10 features an advanced diagnostic system that continuously monitors the machine’s vital systems. EMMS tracks maintenance items, provides advanced troubleshooting tools, reduces diagnostic times, and displays error codes. Through continuous monitoring, the EMMS helps identify issues before they become worse and allows the operator to concentrate on the work at hand.

**Abnormalities Display with Code**

When an abnormality occurs an error code is displayed on the monitor. When an important code is displayed, a caution lamp blinks and warning buzzer sounds to alert the operator to take action. The monitor also stores a record of abnormalities for more effective troubleshooting.

**Advanced Monitoring System**

The monitor provides advanced monitoring diagnostics to assist with troubleshooting and reduce costly downtime.

**Maintenance Tracking**

When the machine approaches or exceeds the oil and filter replacement interval, the monitor panel will display lights to inform the operator.
**ROPS Cab Design**
The PC360LC-10 is equipped with an integrated ROPS cab as standard equipment. The cab also meets OPG Top Guard Level 1 requirements.

**Guardrails**
Guardrails have been added on the upper structure of the machine. This provides additional convenience during engine service.

**Thermal and Fan Guards**
Thermal and fan guards are placed around high temperature parts of the engine and fan drive.

**Increased Drawbar Pull**
Increased drawbar pull provides improved steering and maneuverability.

**Rear-view Monitoring System (standard)**
On the large LCD color monitor the operator can view the image from one camera that will display areas directly behind the machine. An optional 2-camera system is available.

**Seat Belt Caution Indicator**
A warning indicator on the monitor appears when the seat belt is not engaged.

**Lock Lever**
When the lock lever is placed in the lock position, all hydraulic controls (travel, swing, boom, arm, and bucket) are inoperable.

**Secondary Engine Shutdown Switch**
A new secondary switch has been added to shutdown the engine.

**Slip Resistant Plates**
Durable slip resistant plates maintain excellent foot traction.
KOMTRAX is Komatsu’s remote equipment monitoring and management system. KOMTRAX gathers critical machine and operation information and provides it in a user-friendly format so that you can make well-informed decisions. KOMTRAX gives you more control of your equipment and better control of your business! KOMTRAX comes standard on all new Komatsu machines with complimentary manufacturer communications services throughout the entire ownership period. It is a powerful tool and makes Komatsu machines an even better purchase!

### Fleet Optimization
KOMTRAX tells you how your machines and operators are performing. KOMTRAX provides:
- Fuel consumption data and trends, by unit or fleet
- Machine fuel level
- Machine utilization
- Actual working hours/Machine idle hours
- Attachment usage hours
- Machine travel hours
- Machine load analysis
- Operating mode ratios

### Location and Asset Management
KOMTRAX tells you where your machines are and can help prevent unauthorized use. KOMTRAX provides:
- GPS location/Operation maps
- Out-of-area and movement alert with location and time
- Engine, nighttime, and calendar lock

### Maintenance Management
KOMTRAX monitors the health of your machines and provides critical information so that you, and your distributor, can take proactive maintenance measures and reduce downtime. KOMTRAX provides:
- Service Meter Reading (SMR)
- Cautions/Abnormality codes
- Maintenance replacement notifications

### Easy and Flexible Access to Information
With KOMTRAX, information about your machines is through a convenient, internet-based portal. KOMTRAX provides:
- A user-friendly KOMTRAX website that provides customized access to your machine information
- E-mail and text alerts
- Web dial-up service
- Monthly fleet summary reports

For more information, including terms and conditions of the manufacturer complimentary KOMTRAX communication service, ask your distributor, pick up a KOMTRAX brochure, or go to www.komatsuamerica.com/komtrax.

**KOMTRAX**
For construction and compact equipment.

**KOMTRAX Plus**
For production and mining class machines.
Komatsu Parts Support

Because downtime can be costly, Komatsu maintains a strategic distribution network throughout the U.S. and Canada, to ensure superior parts availability and to keep your Komatsu machine up and running.

- Komatsu America has nine Parts Distribution Centers strategically located throughout the U.S. and Canada.
- Komatsu America’s Parts distribution network is accessible 24/7/365 to fulfill your parts needs.
- Komatsu has a distributor network of over 325 locations across the U.S. and Canada.
- Online parts ordering available through Komatsu eParts, 24/7/365. (See distributor for details)
- Komatsu offers a full line of factory Remanufactured products with same-as-new warranties at a significant cost reduction:
  1. Complete Engine Assemblies
  2. Transmissions
  3. Torque Converters
  4. Hydraulic components
  5. Starters, Alternators, turbochargers and circuit boards

Komatsu Oil and Wear Analysis (KOWA)

The KOWA program uses independent laboratories across the United States to determine how your machine is performing based on a small sample of oil or other fluid. Just like a doctor will take a blood test to check on your personal health, KOWA allows you to check how your equipment is performing. Used with PM Clinic and PM Tune Up, KOWA is one of your best tools for proactively maintaining your Komatsu equipment and maximizing it’s availability and performance.

KOWA detects fuel dilution and coolant leaks, identifies contaminants, and measures wear-metals. Your distributor will help you interpret this information so you can identify potential problems and head them off before they lead to major repairs.

For more information of all of the manufacturer sponsored programs mentioned in this brochure, including terms and conditions of the individual programs, please speak with your distributor or go to www.komatsuamerica.com
### ENGINE

- **Model:** Komatsu SAA6D114E-5
- **Type:** Water-cooled, 4-cycle, direct injection
- **Aspiration:** Turbocharged, aftercooled, cooled EGR
- **Number of cylinders:** 6
- **Bore:** 114 mm
- **Stroke:** 144.5 mm
- **Piston displacement:** 8.85 ltr
- **Horsepower:**
  - SAE J1995: Gross 202 kW
  - ISO 9249 / SAE J1349: Net 192 kW
- **Rated rpm:** 1950
- **Fan drive method for radiator cooling:** Mechanical Governor
- **EPA Tier 4 Interim and EU stage 3B emissions certified**

### HYDRAULICS

- **Type:** HydraulMind (Hydraulic Mechanical Intelligence New Design) system, closed-center system with load sensing valves and pressure compensated valves
- **Number of selectable working modes:** 6
- **Main pump:**
  - Variable displacement piston type
  - Pumps for: Boom, arm, bucket, swing, and travel circuits
  - Maximum flow: 535 ltr/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
  - Travel circuit: 37.3 MPa
  - Swing circuit: 27.9 MPa
  - Pilot circuit: 3.2 MPa
- **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: 1–140 mm x 1285 mm x 100 mm
- **Swing torque:** 11386 kg-m

### SWING SYSTEM

- **Drive method:** Hydrostatic
- **Swing reduction:** Planetary gear
- **Swing circle lubrication:** Grease-bathed
- **Service brake:** Hydraulic lock
- **Holding brake/Swing lock:** Mechanical disc brake
- **Swing speed:** 9.5 rpm
- **Swing torque:** 11386 kg-m

### UNDERCARRIAGE

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

### COOLANT & LUBRICANT CAPACITY

- **Fuel tank:** 605 ltr
- **Coolant:** 37 ltr
- **Engine:** 35 ltr
- **Final drive, each side:** 9.0 ltr
- **Swing drive:** 13.7 ltr
- **Hydraulic tank:** 188 ltr
- **Hydraulic system:** 365 ltr

### OPERATING WEIGHT (APPROXIMATE)

- **Operating weight** includes 6500 mm boom, 3185 mm arm, SAE heaped 1.96 m³ bucket, rated capacity of lubricants, coolant, full fuel tank, operator, and standard equipment.

### DRIVES AND BRAKES

- **Steering control:** Two levers with pedals
- **Drive method:** Hydrostatic
- **Maximum drawbar pull:** 290 kN
- **Gradeability:** 70%, 35°
- **Maximum travel speed:**
  - High: 5.5 km/h
  - (Auto-Shift) Mid: 4.5 km/h
  - (Auto-Shift) Low: 3.2 km/h
- **Service brake:** Hydraulic lock
- **Parking brake:** Mechanical disc brake

### TRIPLE-GROUSER SHOES

- **Operating Weight:**
  - 700 mm: 35,496 kg
  - 800 mm: 35,876 kg
  - 850 mm: 36,255 kg
  - 900 mm: 36,634 kg
  - 950 mm: 36,912 kg
  - 1000 mm: 37,191 kg

### Component Weights

- **Arm including bucket cylinder and linkage:**
  - 3185 mm arm: 1761 kg
  - 4020 mm arm: 1988 kg
- **One piece HD boom including arm cylinder:**
  - 6500 mm boom: 3135 kg
  - 213" boom: 259 kg
- **Counterweight:**
  - 7090 kg
  - 7090 lb
  - 1.96 m² bucket: 54" width

### Operating Weight

- **700 mm:**
  - Operating Weight: 35,496 kg
  - Ground Pressure: 5.59 kg/cm²
  - 28°: 78,255 lb
  - 31.5°: 79,093 lb

- **800 mm:**
  - Operating Weight: 35,876 kg
  - Ground Pressure: 5.59 kg/cm²
  - 28°: 78,255 lb
  - 31.5°: 79,093 lb

- **850 mm:**
  - Operating Weight: 36,255 kg
  - Ground Pressure: 5.05 kg/cm²
  - 28°: 78,255 lb
  - 31.5°: 79,093 lb

- **33.5°:**
  -Operating Weight: 37,191 kg
  - Ground Pressure: 5.05 kg/cm²
  - 28°: 78,255 lb
  - 31.5°: 79,093 lb

- **One piece HD boom including arm cylinder:**
  - 6500 mm boom: 3135 kg
  - 213" boom: 259 kg

- **Counterweight:**
  - 7090 kg
  - 7090 lb
  - 1.96 m² bucket: 54" width

### Hydraulic System Specifications

- **Piston displacement:** 8.85 ltr
- **Governor:** 540 in³
- **Hydraulic oil:**
  - Flow rate:
    - 35 ltr/min
    - 141.3 gal/min
  - Pressure:
    - 5,400 psi
    - 33 kg/cm²

### Component Specifications

- **Track frame:**
  - 5.9" x 50.6" x 4.3"
  - 8'4" Arm
  - 2.8 mph Swing

### System Specifications

- **Swing torque:** 11386 kg-m
- **Swing speed:** 9.5 rpm
- **Swing reduction:** Planetary gear
- **Swing circle lubrication:** Grease-bathed
## PC360LC SPECIFICATIONS

### DIMENSIONS

<table>
<thead>
<tr>
<th>Dimension</th>
<th>PC360LC-10</th>
<th>PC360LC-11</th>
<th>PC360LC-12</th>
<th>PC360LC-13</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arm Length</td>
<td>2540 mm</td>
<td>3185 mm</td>
<td>4020 mm</td>
<td>13&quot;2&quot;</td>
</tr>
<tr>
<td>Length on ground (transport)</td>
<td>6760 mm</td>
<td>5935 mm</td>
<td>5475 mm</td>
<td>18&quot;0&quot;</td>
</tr>
<tr>
<td>Overall length</td>
<td>11180 mm</td>
<td>11145 mm</td>
<td>11170 mm</td>
<td>36&quot;8&quot;</td>
</tr>
<tr>
<td>Overall height (to top of boom)*</td>
<td>3410 mm</td>
<td>3285 mm</td>
<td>3760 mm</td>
<td>12&quot;4&quot;</td>
</tr>
<tr>
<td>Overall width</td>
<td>3440 mm</td>
<td>3410 mm</td>
<td>3285 mm</td>
<td>10&quot;9&quot;</td>
</tr>
<tr>
<td>Overall height (to top of cab)*</td>
<td>3160 mm</td>
<td>1185 mm</td>
<td>1198 mm</td>
<td>10&quot;8&quot;</td>
</tr>
<tr>
<td>Tail swing radius</td>
<td>3445 mm</td>
<td>3285 mm</td>
<td>3285 mm</td>
<td>11&quot;4&quot;</td>
</tr>
<tr>
<td>Track length on ground</td>
<td>4030 mm</td>
<td>4020 mm</td>
<td>3850 mm</td>
<td>13&quot;3&quot;</td>
</tr>
<tr>
<td>Track length</td>
<td>4955 mm</td>
<td>4955 mm</td>
<td>4955 mm</td>
<td>16&quot;3&quot;</td>
</tr>
<tr>
<td>Track gauge</td>
<td>2590 mm</td>
<td>2590 mm</td>
<td>2590 mm</td>
<td>8&quot;6&quot;</td>
</tr>
<tr>
<td>Width of crawler</td>
<td>3440 mm</td>
<td>3410 mm</td>
<td>3285 mm</td>
<td>11&quot;3&quot;</td>
</tr>
<tr>
<td>Shoe width</td>
<td>850 mm</td>
<td>850 mm</td>
<td>850 mm</td>
<td>33.5&quot;</td>
</tr>
<tr>
<td>Grouser height</td>
<td>36 mm</td>
<td>36 mm</td>
<td>36 mm</td>
<td>1.4&quot;</td>
</tr>
<tr>
<td>Machine cab height</td>
<td>2750 mm</td>
<td>2750 mm</td>
<td>2750 mm</td>
<td>9&quot;0&quot;</td>
</tr>
<tr>
<td>Machine cab width **</td>
<td>3145 mm</td>
<td>3145 mm</td>
<td>3145 mm</td>
<td>10&quot;4&quot;</td>
</tr>
<tr>
<td>Distance, swing center to rear end</td>
<td>3405 mm</td>
<td>3405 mm</td>
<td>3405 mm</td>
<td>11&quot;2&quot;</td>
</tr>
</tbody>
</table>

* * Including grouser height  ** Including handrail

### BACKHOE BUCKET, ARM AND BOOM COMBINATION

<table>
<thead>
<tr>
<th>Bucket Type</th>
<th>Capacity</th>
<th>Width</th>
<th>Weight</th>
<th>2.6 m (8'4&quot;)</th>
<th>3.2 m (10'5&quot;)</th>
<th>4.0 m (13'2&quot;)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Komatsu TL</td>
<td>0.93 m³</td>
<td>762 mm</td>
<td>1097 kg</td>
<td>2418 lb</td>
<td>V</td>
<td>V</td>
</tr>
<tr>
<td></td>
<td>1.18 m³</td>
<td>914 mm</td>
<td>1198 kg</td>
<td>2641 lb</td>
<td>V</td>
<td>V</td>
</tr>
<tr>
<td></td>
<td>1.44 m³</td>
<td>1067 mm</td>
<td>1325 kg</td>
<td>2921 lb</td>
<td>V</td>
<td>V</td>
</tr>
<tr>
<td></td>
<td>1.70 m³</td>
<td>1219 mm</td>
<td>1426 kg</td>
<td>3144 lb</td>
<td>V</td>
<td>V</td>
</tr>
<tr>
<td></td>
<td>1.96 m³</td>
<td>1372 mm</td>
<td>1554 kg</td>
<td>3425 lb</td>
<td>W</td>
<td>W</td>
</tr>
<tr>
<td>Komatsu HP</td>
<td>0.68 m³</td>
<td>610 mm</td>
<td>1022 kg</td>
<td>2254 lb</td>
<td>V</td>
<td>V</td>
</tr>
<tr>
<td></td>
<td>0.93 m³</td>
<td>762 mm</td>
<td>1178 kg</td>
<td>2598 lb</td>
<td>V</td>
<td>V</td>
</tr>
<tr>
<td></td>
<td>1.18 m³</td>
<td>914 mm</td>
<td>1358 kg</td>
<td>2993 lb</td>
<td>V</td>
<td>V</td>
</tr>
<tr>
<td></td>
<td>1.44 m³</td>
<td>1067 mm</td>
<td>1439 kg</td>
<td>3173 lb</td>
<td>V</td>
<td>V</td>
</tr>
<tr>
<td></td>
<td>1.70 m³</td>
<td>1219 mm</td>
<td>1555 kg</td>
<td>3429 lb</td>
<td>V</td>
<td>V</td>
</tr>
<tr>
<td></td>
<td>1.96 m³</td>
<td>1372 mm</td>
<td>1701 kg</td>
<td>3750 lb</td>
<td>W</td>
<td>X</td>
</tr>
<tr>
<td>Komatsu HPS</td>
<td>0.68 m³</td>
<td>610 mm</td>
<td>1112 kg</td>
<td>2451 lb</td>
<td>V</td>
<td>V</td>
</tr>
<tr>
<td></td>
<td>0.93 m³</td>
<td>762 mm</td>
<td>1294 kg</td>
<td>2853 lb</td>
<td>V</td>
<td>V</td>
</tr>
<tr>
<td></td>
<td>1.18 m³</td>
<td>914 mm</td>
<td>1437 kg</td>
<td>3167 lb</td>
<td>V</td>
<td>V</td>
</tr>
<tr>
<td></td>
<td>1.44 m³</td>
<td>1067 mm</td>
<td>1607 kg</td>
<td>3543 lb</td>
<td>V</td>
<td>V</td>
</tr>
<tr>
<td></td>
<td>1.70 m³</td>
<td>1219 mm</td>
<td>1750 kg</td>
<td>3857 lb</td>
<td>V</td>
<td>W</td>
</tr>
<tr>
<td></td>
<td>1.96 m³</td>
<td>1372 mm</td>
<td>1921 kg</td>
<td>4236 lb</td>
<td>W</td>
<td>X</td>
</tr>
<tr>
<td>Komatsu HPX</td>
<td>0.68 m³</td>
<td>610 mm</td>
<td>1239 kg</td>
<td>2731 lb</td>
<td>V</td>
<td>V</td>
</tr>
<tr>
<td></td>
<td>0.93 m³</td>
<td>762 mm</td>
<td>1421 kg</td>
<td>3133 lb</td>
<td>V</td>
<td>V</td>
</tr>
<tr>
<td></td>
<td>1.18 m³</td>
<td>914 mm</td>
<td>1564 kg</td>
<td>3447 lb</td>
<td>V</td>
<td>V</td>
</tr>
<tr>
<td></td>
<td>1.44 m³</td>
<td>1067 mm</td>
<td>1734 kg</td>
<td>3823 lb</td>
<td>V</td>
<td>V</td>
</tr>
<tr>
<td></td>
<td>1.70 m³</td>
<td>1219 mm</td>
<td>1877 kg</td>
<td>4137 lb</td>
<td>V</td>
<td>W</td>
</tr>
<tr>
<td></td>
<td>1.96 m³</td>
<td>1372 mm</td>
<td>2048 kg</td>
<td>4516 lb</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

V - Used with material weights up to 3,500 lb/yd³  
W - Used with material weights up to 3,000 lb/yd³  
X - Used with material weights up to 2,500 lb/yd³  
Y - Used with material weights up to 2,000 lb/yd³  
Z - Not useable
### Working Range

<table>
<thead>
<tr>
<th></th>
<th>Arm Length</th>
<th>2540 mm</th>
<th>6'4&quot;</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>9965 mm</td>
<td>32'8&quot;</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>6895 mm</td>
<td>22'7&quot;</td>
<td>7110 mm</td>
<td>23'1/4&quot;</td>
<td>7490 mm</td>
<td>24'7&quot;</td>
</tr>
<tr>
<td>C</td>
<td>Max. digging depth</td>
<td>6705 mm</td>
<td>22'0&quot;</td>
<td>7380 mm</td>
<td>24'3&quot;</td>
<td>8180 mm</td>
<td>26'10&quot;</td>
</tr>
<tr>
<td>D</td>
<td>Max. vertical wall digging depth</td>
<td>5880 mm</td>
<td>19'4&quot;</td>
<td>6480 mm</td>
<td>21'3&quot;</td>
<td>7280 mm</td>
<td>23'11&quot;</td>
</tr>
<tr>
<td>E</td>
<td>Max. digging depth for 8' level bottom</td>
<td>6520 mm</td>
<td>21'5&quot;</td>
<td>7180 mm</td>
<td>23'7&quot;</td>
<td>8045 mm</td>
<td>26'5&quot;</td>
</tr>
<tr>
<td>F</td>
<td>Max. digging reach</td>
<td>10550 mm</td>
<td>34'7&quot;</td>
<td>11100 mm</td>
<td>36'5&quot;</td>
<td>11900 mm</td>
<td>39'1&quot;</td>
</tr>
<tr>
<td>G</td>
<td>Max. digging reach at ground level</td>
<td>10355 mm</td>
<td>34'0&quot;</td>
<td>10920 mm</td>
<td>35'10&quot;</td>
<td>11730 mm</td>
<td>38'6&quot;</td>
</tr>
<tr>
<td>H</td>
<td>Min. swing radius</td>
<td>4400 mm</td>
<td>14'5&quot;</td>
<td>4310 mm</td>
<td>14'2&quot;</td>
<td>4320 mm</td>
<td>14'2&quot;</td>
</tr>
</tbody>
</table>

### SAE rating

<table>
<thead>
<tr>
<th></th>
<th>Bucket digging force at power max.</th>
<th>229 kN</th>
<th>51,370 lb</th>
<th>200 kN</th>
<th>44,970 lb</th>
<th>200 kN</th>
<th>44,970 lb</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Arm crowd force at power max.</td>
<td>193 kN</td>
<td>43,430 lb</td>
<td>165 kN</td>
<td>37,040 lb</td>
<td>139 kN</td>
<td>31,310 lb</td>
</tr>
</tbody>
</table>

### ISO rating

<table>
<thead>
<tr>
<th></th>
<th>Bucket digging force at power max.</th>
<th>259 kN</th>
<th>58,200 lb</th>
<th>226 kN</th>
<th>51,150 lb</th>
<th>227 kN</th>
<th>50,930 lb</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Arm crowd force at power max.</td>
<td>201 kN</td>
<td>45,190 lb</td>
<td>171 kN</td>
<td>38,360 lb</td>
<td>144 kN</td>
<td>32,410 lb</td>
</tr>
</tbody>
</table>
### 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  
\( \mathbf{E} \) : Rating at maximum reach

#### Conditions:
- 6500 mm 21' 3" one-piece boom  
- Bucket: None  
- Lifting mode: On

#### Arm: 3185 mm 10'5"

<table>
<thead>
<tr>
<th>Shoos: 800 mm 31.5&quot;</th>
<th>Unit: kg lb</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>B</td>
</tr>
<tr>
<td>3.0 m</td>
<td>10'</td>
</tr>
<tr>
<td>6.1 m</td>
<td>10'</td>
</tr>
<tr>
<td>2.5 m</td>
<td>10'</td>
</tr>
</tbody>
</table>

*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.*
### 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  
Շ: Rating at maximum reach

**Conditions:**
- 6500 mm 21' 3" one-piece boom  
- Bucket: None  
- Lifting mode: On

---

### Table 1: Lifting Capacity for 4020 mm 13'2"

<table>
<thead>
<tr>
<th>Arm: 4020 mm 13'2&quot;</th>
<th>Shoes: 800 mm 31.5&quot;</th>
<th>Unit: kg lb</th>
</tr>
</thead>
<tbody>
<tr>
<td>B</td>
<td>3.0 m 10'</td>
<td>4.6 m 15'</td>
</tr>
<tr>
<td>7.6 m</td>
<td><strong>7750</strong></td>
<td><strong>7750</strong></td>
</tr>
<tr>
<td>25'</td>
<td>17000</td>
<td>17000</td>
</tr>
<tr>
<td>6.1 m</td>
<td>7950</td>
<td>7680</td>
</tr>
<tr>
<td>20'</td>
<td>17500</td>
<td>16900</td>
</tr>
<tr>
<td>4.6 m</td>
<td>8520</td>
<td>7470</td>
</tr>
<tr>
<td>15'</td>
<td>18700</td>
<td>16400</td>
</tr>
<tr>
<td>3.0 m</td>
<td><em>14340</em></td>
<td><em>14340</em></td>
</tr>
<tr>
<td>10'</td>
<td><em>31600</em></td>
<td><em>31600</em></td>
</tr>
<tr>
<td>1.5 m</td>
<td><em>16890</em></td>
<td>13900</td>
</tr>
<tr>
<td>5'</td>
<td><em>37200</em></td>
<td>30600</td>
</tr>
<tr>
<td>0 m</td>
<td><em>8320</em></td>
<td><em>8320</em></td>
</tr>
<tr>
<td>-1.5 m</td>
<td>16800</td>
<td>16300</td>
</tr>
<tr>
<td>-3.0 m</td>
<td>17840</td>
<td>17840</td>
</tr>
<tr>
<td>-4.6 m</td>
<td><em>27300</em></td>
<td><em>27300</em></td>
</tr>
<tr>
<td>-7.6 m</td>
<td><em>39300</em></td>
<td><em>39300</em></td>
</tr>
<tr>
<td>-10'</td>
<td><em>42300</em></td>
<td><em>42300</em></td>
</tr>
</tbody>
</table>

*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.

### Table 2: Lifting Capacity for 4020 mm 13'2"

<table>
<thead>
<tr>
<th>Arm: 4020 mm 13'2&quot;</th>
<th>Shoes: 850 mm 33.5&quot;</th>
<th>Unit: kg lb</th>
</tr>
</thead>
<tbody>
<tr>
<td>B</td>
<td>3.0 m 10'</td>
<td>4.6 m 15'</td>
</tr>
<tr>
<td>7.6 m</td>
<td><strong>7750</strong></td>
<td><strong>7750</strong></td>
</tr>
<tr>
<td>25'</td>
<td>17000</td>
<td>17000</td>
</tr>
<tr>
<td>6.1 m</td>
<td>7950</td>
<td>7720</td>
</tr>
<tr>
<td>20'</td>
<td>17500</td>
<td>17000</td>
</tr>
<tr>
<td>4.6 m</td>
<td>8520</td>
<td>7500</td>
</tr>
<tr>
<td>15'</td>
<td>18700</td>
<td>16500</td>
</tr>
<tr>
<td>3.0 m</td>
<td><em>14340</em></td>
<td><em>14340</em></td>
</tr>
<tr>
<td>10'</td>
<td><em>31600</em></td>
<td><em>31600</em></td>
</tr>
<tr>
<td>1.5 m</td>
<td><em>16890</em></td>
<td>13900</td>
</tr>
<tr>
<td>5'</td>
<td><em>37200</em></td>
<td>30700</td>
</tr>
<tr>
<td>0 m</td>
<td><em>8320</em></td>
<td><em>8320</em></td>
</tr>
<tr>
<td>-1.5 m</td>
<td>16800</td>
<td>16300</td>
</tr>
<tr>
<td>-3.0 m</td>
<td>17840</td>
<td>17840</td>
</tr>
<tr>
<td>-4.6 m</td>
<td><em>27300</em></td>
<td><em>27300</em></td>
</tr>
<tr>
<td>-7.6 m</td>
<td><em>39300</em></td>
<td><em>39300</em></td>
</tr>
<tr>
<td>-10'</td>
<td><em>42300</em></td>
<td><em>42300</em></td>
</tr>
</tbody>
</table>

*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

- Alternator, 60 Ampere, 24 V
- AM/FM radio
- Automatic engine warm-up system
- Automatic air conditioner/heater
- Auxiliary input (3.5mm jack)
- Batteries, large capacity
- Battery disconnect switch
- Boom and arm holding valves
- Converter, (2) x 12 V
- Counterweight, 7090 kg *15,631 lb*
- Dry type air cleaner, double element
- Electric horn
- EMMs monitoring system
- Engine, Komatsu SAA6D114E-5
- Engine overheat prevention system
- 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 4.0
- Large LCD color monitor, high resolution
- Lock lever
- Mirrors, (LH and RH)
- Operator Protective Top Guard (OPG), Level 1
- 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
- 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, 11.0 kW/24 V x 1
- Suction fan
- Thermal and fan guards
- Track frame undercover
- Travel alarm
- Working lights, 2 (boom and RH front)
- Working mode selection system

### OPTIONAL EQUIPMENT

- (1) additional rearview camera
- Arms
  - 2540 mm *8’4”* arm assembly
  - 3185 mm *10’5”* arm assembly
  - 3185 mm *10’5”* arm assembly with piping
  - 4020 mm *13’2”* arm assembly
  - 4020 mm *13’2”* arm assembly with piping
- 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
  - Lower front window guard
- High pressure in-line hydraulic filters
- Hydraulic control unit, 1 actuator
- Rain visor
- Revolving frame undercovers, heavy duty
- Shoes, triple grouser, 700 mm *28”*
- Shoes, triple grouser, 850 mm *33.5”*
- Sun visor
- Straight travel pedal
- Track roller guards, full length
- Working light, front, one additional

### ATTACHMENT OPTIONS

- Cab air pre-cleaner
- Grade control systems
- Hydraulic couplers
- Hydraulic kits, field installed
- 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.