# KOMATSU

# PC360LC-11/PC360LCi-11

Hydraulic excavator



## **Net horsepower**

257 HP (192 kW) @ 1,950 rpm

## **Operating weight**

78,645-80,547 lbs. (35,627-36,535 kg)

## **Bucket capacity**

0.89-2.56 yd3 (0.68-1.96 m3)



# Give your operators the power of advanced automation



### **Innovation**



## **Performance**





# Command the latest technology with iMC 2.0

Empower your operators to work more efficiently than they ever could with conventional aftermarket machine guidance or manual operation. The PC360LCi-11 with intelligent Machine Control (iMC) offers the ability to work smart, from rough digging to finish grading. Incorporating a host of advanced, proprietary machine technology, iMC puts sophisticated, productivity-enhancing automation and cutting-edge job site design at your command.

- Semi-automatic for trenching, slope work and high -production applications
- Minimize over-excavation and make every pass count

# Perform finish grading using only arm input

Your operators can finish grade quickly and accurately with a bucket angle hold control that automatically holds the bucket angle to the design surface during arm operation, enabling operators to perform finish grading using only arm input.

#### Auto tilt bucket control

Auto tilt bucket control assists the operator in aligning the bucket parallel with the slope so that finish grading can be accomplished without having to align the machine with the target surface.

#### **Quick specs**

- Weight: 78,645-80,547 lbs. (35,627-36,535 kg)
- Horsepower: 257 HP @ 1,950 rpm (192 kW @ 1,950 rpm)
- Bucket capacity: 0.89-2.56 yd3 (0.68-1.96 m3)







# intelligent Machine Control (iMC)



# Make every pass count

#### Improve your efficiency

iMC means fast excavation to finish grade.

#### Semi-automatic operation

New features such as bucket angle hold control provide high levels of accuracy and comfort.



#### **Innovative**

- Achieve highly accurate results with the iMC excavator's semi-automatic operation of work equipment
- Compact 10.4-in (26.4-cm) iMC monitor with increased memory capacity, processing speed and pinch-to-zoom capability

#### Integrated

- Operators can focus on moving material efficiently with a factory-installed 3D and guidance system designed for the machine – no more "bolt-on" components. The fully integrated package comes with stroke-sensing hydraulic cylinders, a multiple global navigation satellite system (multi-GNSS) and an inertial measurement unit (IMU) sensor
- Advance job site flexibility with multi-band UHF/915SS radio
- Fast, reliable job site connectivity with 4G LTE connectivity

### Intelligent

- Operators can minimize over-excavation and move material efficiently by semi-automatically tracing the target surface.
- Excellent ease of operation and bucket positioning with intelligent facing compass, light bar and sound guidance
- Outstanding efficiency, productivity and ease of operation with bucket angle hold control



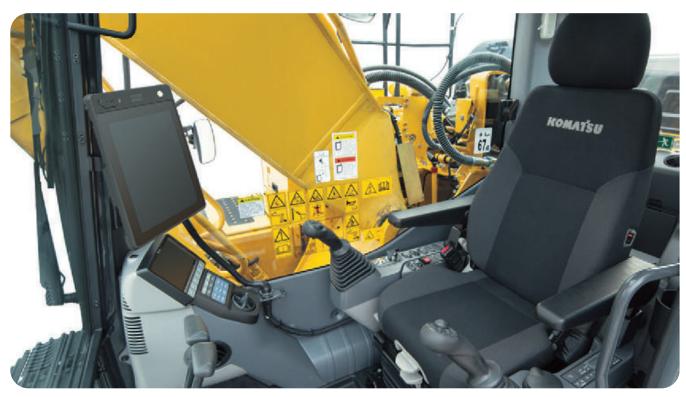


Photo may include optional equipment.

#### intelligent Machine Control

Over-excavation and damage to the design surface are minimized with Komatsu's unique sensor package, which includes 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, with the machine only providing indication guidance.



#### Auto grade assist

With the auto grade assist function, the operator moves the arm and 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

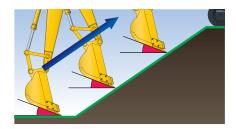
During boom or bucket operation, the work equipment automatically stops when the bucket edge reaches the design surface, thus minimizing damage to the design surface.



#### 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.

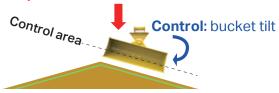
## intelligent Machine Control (iMC)



#### Bucket angle hold control

Operator sets desired bucket angle and the system automatically maintains bucket angle throughout the grading pass. Angle hold control increases ease of operation and can improve final grading accuracy.

#### **Operation:** arm in or boom down



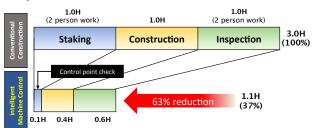
#### Auto tilt control

Automatically tilts bucket to design surface and returns it to horizontal to unload. Using auto tilt control with the existing minimum distance control and auto grade assist makes complex grading quicker and easier.

#### Improved construction efficiency

Time spent on staking, survey and final inspection (which are 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\*



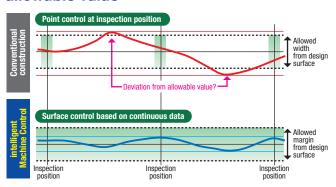
- \* When used by a qualified iMC operator, the Komatsu intelligent Machine Control system increases construction efficiency.
- \* The above data does not include design time or working data creation time.

  The above data is based on in-house construction tests, performed by Komatsu, whose conditions may differ from actual construction.

#### Improved work accuracy

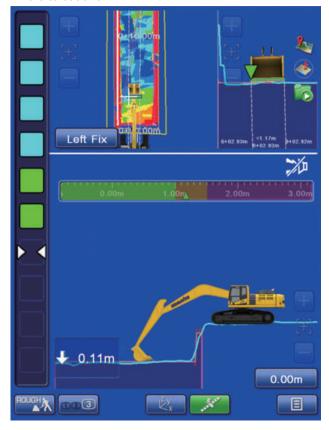
The bucket edge/tip position is instantly displayed on the control box, eliminating the wait time for display on the monitor during construction. The large and easy-to-view control box displays information clearly, aiding in highly accurate work. With manual operation and conventional machine guidance, finish grade quality and excavation accuracy depend 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



#### As-built surface mapping

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





#### Preset elevation offset quick button

Pre-determined offsets can be stored in the monitor to allow an operator to easily switch between preset grades.



#### **Quick bucket swap button**

Allows users to quickly swap between various buckets without having to enter main menu. This lessens the time a user takes to change out a bucket on the monitor.



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### **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**

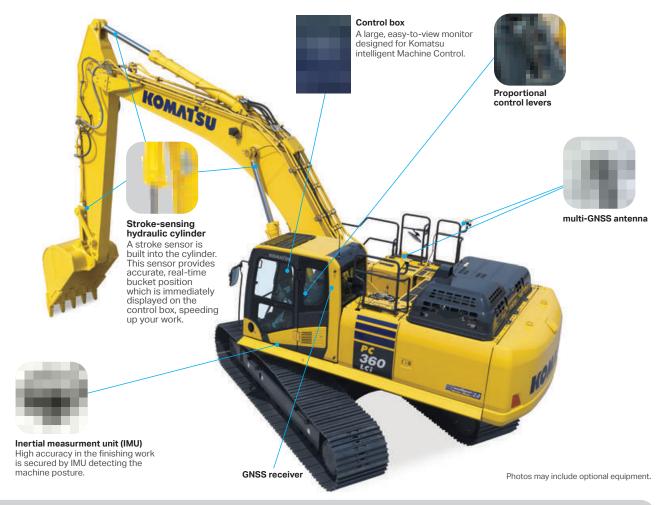
Semi-auto/manual mode switching and design surface offset function can be operated with switches on the control levers.





# intelligent Machine Control (iMC)

#### **Factory-installed Komatsu intelligent Machine Control components**



# **SMART**CONSTRUCTION **Remote**



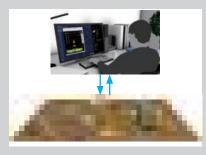
# Capable of connecting to mixed-fleet customers.

# **Customers can quickly send design files to intelligent machines and provide support to operators**





View the machine monitor to troubleshoot or add new files in the machine without the time requirements of traditional methods.





View or navigate machine monitor live with operator.



## **Performance features**

#### **High-rigidity work equipment**

Designed for long-term durability and reliability, with booms and arms 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. A standard HD boom design provides increased strength and reliability.





#### Working mode selection

The PC360LC/LCi-11 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/LCi-11 features an attachment mode (ATT/E) that allows operators to run attachments while in economy mode.

Working mode	Application	Advantage	
Р	Power mode	Maximum production/power     Fast cycle times	
E	Economy mode	Good cycle times     Better fuel economy	
L	Lifting mode	Increases hydraulic pressure	
B Breaker mode		Optimum engine rpm, hydraulic flow	
ATT/P Attachment Power mode		Optimum engine rpm, hydraulic flow, 2-way     Power mode	
ATT/E	Attachment economy mode	Optimum engine rpm, hydraulic flow, 2-way     Economy mode	



## Increased work efficiency

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)

16.3 t (160 kN) 17.4 t (171 kN) 70/0 UP

#### Maximum bucket digging force (ISO)

21.7 t (213 kN) 23.2 t (228 kN) **70/0** UI

Measured with Power Max function, 125 in (3,185 mm) arm and ISO rating

# Komatsu-integrated attachment control (optional)

Factory-integrated auxiliary hydraulic attachment control with programmable pressure and flow settings for up to 15 different tools. Settings can be easily changed from the machine monitor, optimizing attachment control and performance. Proportional joysticks help expand versatility by giving the operator precise hydraulic attachment control.

\*Not available on PC360LC-11



#### +1 Attachment piping (optional)

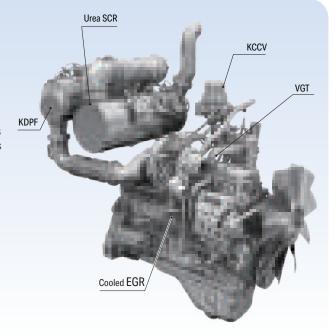
Factory-engineered auxiliary attachment circuit piping is designed and sized to work efficiently with the excavator's main hydraulic system. Constructed of large-diameter steel tubing with four bolt flange connections and robust mounting points, the auxiliary hydraulic piping is designed for durable, reliable use.



# Komatsu innovative engine technology

### **Latest Tier 4 Final engine**

The Komatsu SAA6D114E-6 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 nitrogenoxides (NOx) by more than 80% when compared to Tier 4 interim levels. Through the in-house development and prodution of engines, electronics and hydraulic components, Komatsu has achieved great advancements in technology, providing high levels of performance and efficiency in virtually all applications.



# **Working environment**



Photo may include optional equipment. PC210LCi-11 shown.

## **Comfortable working space**

#### Wide, spacious cabin

The cabin includes a seat with reclining backrests and a pull-up lever to easily adjust seat height and tilt angle. You can set the appropriate operational posture of the armrest together with the console. Reclining the seat further enables you to place it into the fully flat state with the headrest attached.

#### **Armrest 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

Sliding window glass (left side)



Remote intermittent wiper with windshield washer





Defroster



ISO/BH pattern change valve



Easy-to-access AC controls



Magazine box and cup holder



One-touch storable front window lower glass



## **General features**

### **ROPS** cab structure

#### 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 requiremets for level 1 Operator Protective Guard (OPG) and top guard (ISO 10262).



#### **Rearview monitoring system**

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

Rearview camera

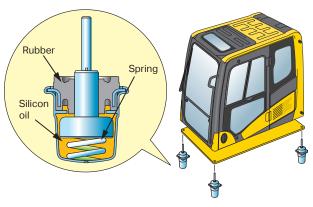


Rearview image on monitor



#### Low vibration with viscous cab mounts

The PC360LC/LCi-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.



## **General features**

Secondary engine shutdown switch at base of seat to shutdown the engine



Left and right side handrails



Seat belt caution indicator



Lock lever

Seat belt retractable

Tempered and tinted glass

Large mirrors

Slip-resistant plates

Thermal and fan guards

Pump/engine room partition

Travel alarm

Large cab entrance step

Large, easy-open hood for engine and aftertreatment access



## **Maintenance features**

#### Centralized engine check points

Locations of the engine oil check and filters are integrated into one side to allow easy maintenance and service.

Engine oil filt



High efficiency fuel filter

Fuel pre-filter (with water separator)

Easy cleaning of cooling unit

Fuel pre-filter with water separator

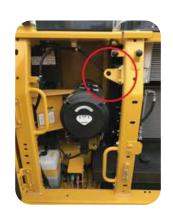
**High-efficiency primary fuel filter** 

Easy access to engine oil filter, engine oil, drain valve, fuel drain valve and water separator drain valve

PC360LC-11 shown.

# Tie-off points standard (ISO 14567)

When working in elevated positions on the boom and track frame tie-off points provide anchors for technician harness lanyards.



Easy-to-access air conditioner filter

Washable cab floormat

**Sloping track frame** 

**Utility space** 



#### 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.





Hydraulic oil filter (ecology white element)

#### Large-capacity air cleaner

Comparable to that of larger machines, the larger air cleaner can extend air cleaner life during long-term operation, helping prevent early clogging and resulting power loss. A radial seal design improves 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.

#### Soot level indicator





Aftertreatment device regeneration screen

#### 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.



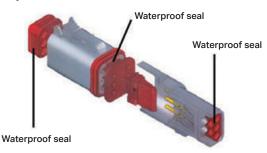


**DEF** level gauge

DEF low-level guidance

### **DT-type connectors**

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



## Komatsu helps you bring it all together

# Get the most out of your fleet on My Komatsu

We've designed a portal that makes it easy to collect, visualize and monitor data for both Komatsu machines and other OEM machines. My Komatsu also gives you one easy source for accessing manuals and purchasing parts for your machines.

- Quickly collect, view and manage intuitive data displays in one location
- · Help keep costs under control
- Benchmark machine performance and track fuel consumption
- Monitor for theft and unauthorized use
- Receive timely maintenance alerts



My Komatsu, our comprehensive portal, analyzes telematics data from your on-machine technology — Komtrax and Komtrax Plus, or from other OEMs — and displays it on easy-to-read dashboards. Now you can get the powerful analytics you need to manage your costs and enhance your fleet's efficiency without a complicated process or expensive third-party solutions.



#### Data

Telematics data is generated by on-machine technology.



Telematics data flows into data storage. ISO 15143-3 (AEMP 2.0) facilitates the extraction and raw data to your choice of databases.





#### Connection

Choose how you want to connect and view your data. Go to multiple systems, send to a third party, or easily connect it all through My Komatsu.

#### **Analytics**

My Komatsu connects telematics data from Komatsu and non-Komatsu equipment and creates powerful analytics dashboard views.



# Connect your machines to Smart Construction to optimize your job sites

Your projects depend on robust data that is easily shared, replicated, updated and — most important of all — correct.



Take a step toward a digital transformation of your job sites with Komatsu's suite of Smart Construction solutions, where advanced automation and integrated technologies intersect to help you:

- Track costs of labor, machines and materials
- Receive real-time insights straight from the field
- · Enhance workflow with fully integrated data
- Visualize your data for actionable results
- · Quickly map your job site
- · Attract and retain talent



Not sure where to begin? Komatsu-certified solution experts are available on the phone, online or at your job site to help you navigate and thrive along your digitalization journey.

komatsu.com/smart-construction

# Komatsu maintenance and repair programs

Simplify the complexities of machine owning and operating costs and enhance the value of your equipment with Komatsu's tiered maintenance and repair offerings. Manage your active coverage programs through the My Komatsu customer interface and take advantage of attractive financing options.

- Solutions that fit your needs and ease your mind
- Fixed maintenance and repair costs for the life of the contract
- National coverage



#### **Komatsu Care Complimentary**

Complimentary maintenance

Our complimentary scheduled maintenance program for the first three years or 2,000 hours, whichever occurs first.

#### **Komatsu Care Plus**

Extended maintenance

A continuation of the Komatsu Care program. Along with regularly scheduled maintenance and national distributor coverage, you get a variety of added benefits.

#### Komatsu Care Plus II

Extended maintenance and repair

Everything in the Komatsu Care Plus program bundled with comprehensive repair coverage for qualifying repairs.

#### Komatsu Care Plus III

Extended maintenance, repair and consumables
A comprehensive program that simplifies your
equipment's total cost of ownership with a fixed cost
per hour for qualifying repairs and replacements.

#### Komatsu Care Advantage Warranty

Extended warranty

Protect your equipment in the event a covered component fails due to a defect in material or workmanship. Repairs are performed by Komatsutrained experts using Komatsu genuine parts.

komatsu.com/maintenance-repair

#### **Komatsu Financial**

Financial services built for your business success. komatsu.com/financing

#### **Komatsu Genuine Parts**

Engineered to help extend the life of your Komatsu machine. Now available on the My Komatsu parts store.

komatsu.com/parts

#### Komatsu training

Comprehensive training support — virtually, at our facility or where most convenient.

komatsu.com/training



# **General specification**

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Model	Komatsu SAA6D114E-6*		
Туре	Water-cooled, 4-cycle, direct injection		
Aspiration	Variable Geometry Turbocharger with air-to-air aftercooler and EGR		
Number of cylinders	6		
Bore x stroke	114 mm x 144.5 mm 4.49"x 5.69"		
Piston displacement	8.85 L 540 in <sup>3</sup>		
Horsepower			
SAE J1995	Gross	202 kW 271 HP	
ISO 9249 / SAE J1349	Net	192 kW 257 HP	
	Rated rpm	1,950	
Fan drive method for radiator cooling		Mechanical	
Governor	All-speed control, electronic		
*EDAT: - AF:I			

<sup>\*</sup>EPA Tier 4 Final emissions certified

#### **Hydraulics**

Туре	HydrauMino Intelligence) system, cl load sensing valve and		stem with	
Number of selectable working modes			6	
Main pump				
Type Pumps for Maximum flow Supply for control circuit	Variable displacement axial piston type Boom, arm, bucket, swing, and travel circuits 535 L/min 141.3 gal/min Self-reducing valve			
Hydraulic motors				
Travel Swing	2 x axial piston m 1 x axial piston motor v		0	
Relief valve setting				
Implement circuits Travel circuit Swing circuit Pilot circuit	37.3 MPa 37.3 MPa 27.9 MPa 3.2 MPa	380 kg/cm <sup>2</sup> 380 kg/cm <sup>2</sup> 285 kg/cm <sup>2</sup> 33 kg/cm <sup>2</sup>	5,400 psi 5,400 psi 4,050 psi 470 psi	
Hydraulic cylinders (Number of cylinders – bore x stroke x rod diameter)				

#### **Drives and brakes**

Bucket for 3.2 m 10'5" and 4.0 m 13'2" Arms

Boom

Steering control		Two levers with pedals
Drive method		Hydrostatic
Maximum drawbar pull		290 kN 29,570 kg 65,191 lbs.
Gradeability		70%, 35°
Maximum travel speed		
	High	5.5 km/h 3.4 mph
	Mid	4.2 km/h 2.8 mph
	Low	3.2 km/h 2.0 mph
Service brake		Hydraulic lock
Parking brake		Mechanical disc brake

2-140 mm x 1480 mm x 100 mm

 $1-160 \text{ mm} \times 1825 \text{ mm} \times 110 \text{ mm}$ 

1-140 mm x 1285 mm x 100 mm

5.5" x 58.3" x 3.9"

6.3" x 71.9" x 4.3"

 $5.5" \times 50.6" \times 3.9"$ 

#### Swing system

Drive method	Hydraulic motor
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	11,386 kg•m 82,313 ft. lbs.

#### 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

#### Coolant and lubricant capacity (refilling)

Fuel tank	605 L	159.8 U.S. gal
Radiator	37 L	9.7 U.S. gal
Engine	35 L	9.2 U.S. gal
Final drive, each side	9.0 L	2.4 U.S. gal
Swing drive	13.7 L	3.6 U.S. gal
Hydraulic tank	188 L	49.7 U.S. gal
Diesel Exhaust Fluid (DEF) tank	39 L	10.3 U.S. gal

#### **Sound performance**

Exterior - ISO 6395	103 dB(A)
Operator - ISO 6396	71dB(A)

#### Operating weight (approximate)\*

Operating weight includes 6,500 mm 21'3" one-piece boom, 3,185 mm 10'5" arm, SAE heaped 1.96 m³  $2.56\,yd^3$  bucket, rated capacity of lubricants, coolant, full fuel tank, operator, and standard equipment.

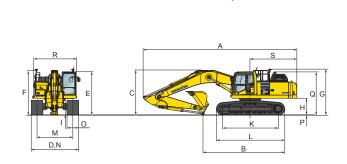
Triple-grouser shoes	Operating weight	Ground pressure ISO 16754
700 mm	35,748 kg	0.59 kg/cm²
28"	78,645 lbs.	8.34 psi
800 mm	36,129 kg	0.52 kg/cm <sup>2</sup>
31.5"	79,483 lbs.	7.38 psi
850 mm	36,509 kg	0.50 kg/cm²
33.5"	80,320 lbs.	7.02 psi

<sup>\*</sup>See equipment page for option availability.

Component weights	
Arm including bucket cylinder and linkage	
3,185 mm 10'5" arm assembly 4,020 mm 13'2" arm assembly	1,761 kg 3,882 lbs. 1,988 kg 4,383 lbs.
One piece HD boom including arm cylinder	
6,500 mm 21'3" boom assembly	3,135 kg 6,912 lbs.
Boom cylinders x 2	259 kg 571 lbs.
Counterweight	6,920 kg 15,255 lbs.
1.96 m³ 2.56 yd³ bucket - 54" width	1,554 kg 3,425 lbs.

#### **Dimensions**

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	Arm Length		3,185 mm	10'5"
Α	Overall length		11,145 mm	36'7"
В	Length on ground (transpo	rt)	5,935 mm	19'6"
С	Overall height (to top of boo	om)*	3,285 mm	10'9"
D	Overall width		3,440 mm	11'3"
Е	Overall height (to top of cal	))*	3,160 mm	10'4"
F	Overall height (to top of har	ndrail)*	3,255 mm	10'8"
G	Overall height (to top of GN	SS antenna)*	3,330 mm	10'11"
Н	Ground clearance, counterweight		1,185 mm	3'11"
Ι	Ground clearance, minimum		498 mm	1'8"
J	Tail swing radius		3,445 mm	11'4"
K	Track length on ground		4,030 mm	13'3"
L	Tracklength		4,955 mm	16'3"
M	Track gauge		2,590 mm	8'6"
		700 mm 28" shoe	3,290 mm	10'7"
N	Width of crawler	800 mm 31.5" shoe	3,390 mm	11'1"
		850 mm 33.5" shoe	3,440 mm	11'3"
0	Shoe width		850 mm	33.5"
Р	Grouser height		36 mm	1.4"
Q	Machine height to top of engine cover		3,135 mm	10'3"
R	Machine upper width**		3,145 mm	10'4"
S	Distance, swing center to re	ear end	3,405 mm	11'2"



#### Backhoe bucket, arm and boom combination

Bucket				Buck	et			6.5 m (21'	(3") Boom
type	Сар	acity	Teeth	Wid	th	We	ight	3.2 m (10'5")	4.0 m (13'2")
	$0.93  \text{m}^3$	1.21 yd <sup>3</sup>	4	762 mm	30"	1097 kg	2418 lbs.	•	•
Komatsu	1.18 m <sup>3</sup>	1.54 yd <sup>3</sup>	4	914 mm	36"	1198 kg	2641 lbs.	•	
	1.44 m <sup>3</sup>	1.88 yd <sup>3</sup>	5	1067 mm	42"	1325 kg	2921 lbs.	•	•
TL	1.70 m <sup>3</sup>	2.22 yd <sup>3</sup>	5	1219 mm	48"	1426 kg	3144 lbs.	•	0
	1.96 m <sup>3</sup>	2.56 yd <sup>3</sup>	6	1372 mm	54"	1554 kg	3425 lbs.	0	
	0.68 m <sup>3</sup>	0.89 yd <sup>3</sup>	3	610 mm	24"	1022 kg	2254 lbs.	•	•
Komatsu	$0.93  m^3$	1.21 yd <sup>3</sup>	4	762 mm	30"	1178 kg	2598 lbs.	•	•
	1.18 m <sup>3</sup>	1.54 yd <sup>3</sup>	4	914 mm	36"	1358 kg	2993 lbs.	•	
HP	1.44 m <sup>3</sup>	1.88 yd <sup>3</sup>	5	1067 mm	42"	1439 kg	3173 lbs.	•	•
	1.70 m <sup>3</sup>	2.22 yd <sup>3</sup>	5	1219 mm	48"	1555 kg	3429 lbs.	•	
	1.96 m <sup>3</sup>	2.56 yd <sup>3</sup>	6	1372 mm	54"	1701 kg	3750 lbs.		•
	0.68 m <sup>3</sup>	0.89 yd <sup>3</sup>	3	610 mm	24"	1112 kg	2451 lbs.	•	•
	$0.93  m^3$	1.21 yd <sup>3</sup>	4	762 mm	30"	1294 kg	2853 lbs.	•	
Komatsu	1.18 m <sup>3</sup>	1.54 yd <sup>3</sup>	4	914 mm	36"	1437 kg	3167 lbs.	•	•
HPS	1.44 m <sup>3</sup>	1.88 yd <sup>3</sup>	5	1067 mm	42"	1607 kg	3543 lbs.	•	0
•	1.70 m <sup>3</sup>	2.22 yd <sup>3</sup>	5	1219 mm	48"	1750 kg	3857 lbs.	0	
	1.96 m <sup>3</sup>	2.56 yd <sup>3</sup>	6	1372 mm	54"	1921 kg	4236 lbs.		$\odot$
	0.68 m <sup>3</sup>	0.89 yd <sup>3</sup>	3	610 mm	24"	1239 kg	2731 lbs.	•	•
	$0.93  \text{m}^3$	1.21 yd <sup>3</sup>	4	762 mm	30"	1421 kg	3133 lbs.	•	
Komatsu	1.18 m <sup>3</sup>	1.54 yd <sup>3</sup>	4	914 mm	36"	1564 kg	3447 lbs.	•	•
НРХ	1.44 m <sup>3</sup>	1.88 yd <sup>3</sup>	5	1067 mm	42"	1734 kg	3823 lbs.	•	0
/	1.70 m <sup>3</sup>	2.22 yd <sup>3</sup>	5	1219 mm	48"	1877 kg	4137 lbs.	0	
	1.96 m <sup>3</sup>	2.56 yd <sup>3</sup>	6	1372 mm	54"	2048 kg	4516 lbs.		•

4,020 mm

11,170 mm

5,475 mm

3,760 mm

13'2"

36'8"

18'0"

12'4"

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

 $\label{thm:commended} \textbf{Exceeding recommended attachment weights may negatively impact performance and accuracy of semi-automatic function.}$ 

<sup>\*</sup>Including grouser height

<sup>\*\*</sup>Including handrail

 $<sup>\</sup>bullet$  2500 kg 5,511 lbs. maximum for 3,185 mm 10' 5" standard arm assembly

<sup>• 2350</sup> kg 5,180 lbs. maximum for 4,020 mm 13' 2" standard arm assembly

<sup>• -</sup> Used with material weights up to 3,500 lbs./yd³-Quarry/rock/high abrasion applications

<sup>☐ -</sup> Used with material weights up to 2,500 lbs./yd³ – General construction

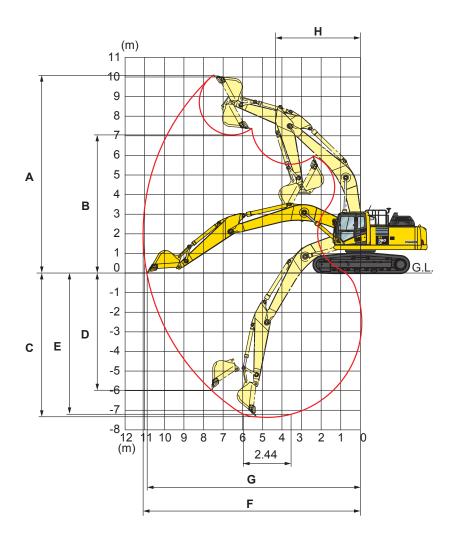
O - Used with material weights up to 3,000 lbs./yd³ – Tough digging applications

 $<sup>\</sup>odot$  - Used with material weights up to 2,000 lbs./yd³– Light materials applications

X - Not useable

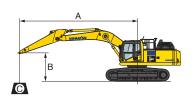
# **General specification**

## Working range



	Arm Length	3185 mm	10'5"	4020 mm	13'2"
Α	Max. digging height	10,210 mm	33'6"	10,550 mm	34'7"
В	Max. dumping height	7,110 mm	23'4"	7,490 mm	24'7"
С	Max. digging depth	7,280 mm	23'11"	8,110 mm	26'7"
D	Max. vertical wall digging depth	6,480 mm	21'3"	7,280 mm	23'11"
Е	Max. digging depth for 8' level bottom	7,180 mm	23'7"	7,960 mm	26'1"
F	Max. digging reach	11,100 mm	36'5"	11,900 mm	39'1"
G	Max. digging reach at ground level	10,920 mm	35'10"	11,730 mm	38'6"
Н	Min. swing radius	4,310 mm	14'2"	4,320 mm	14'2"
SAE rating	Bucket digging force at power max.	200 ki 20,400 kg / 44	-	200 kN 20,400 kg / 44	-
SAE	Arm crowd force at power max.	165 kl 16,800 kg / 37	-	139 kN 14,200 kg / 31	-
rating	Bucket digging force at power max.	228 kt 23,200 kg / 51	-	227 kN 23,100 kg / 50	-
ISO	Arm crowd force at power max.	171 kl 17,400 kg / 38	-	144 kN 14,700 kg / 32	

#### Lifting capacity with lifting mode

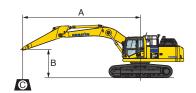


- Reach from swing center
- Bucket hook height
- C: Lifting capacity
- Cf: Rating over front
- Rating over side Cs:
- Rating at maximum reach

#### Conditions:

- Boom length: 6,500 mm 21' 3" one-piece boom
- Bucket: None
- Lifting mode: On

Arm: 3,185	5 mm 10'5"				Shoe	es: 700 mm	ı 28"				ι	Jnit: kg lbs.
A	3.0	m 10'	4.6	m 15'	6.1	m 20'	7.6 m	1 25'	9.1 n	1 30'	М	AX 😝
В	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.6 m											* 7250	* 7250
25'											* 15980	* 15980
6.1 m							* 8890	7530			* 7050	6390
20'							* 19590	16600			* 15540	14080
4.6 m					* 10740	10170	* 9370	7370			* 7100	2690
15'					* 23670	22420	* 20650	16240			* 15650	5930
3.0 m			* 16210	14500	* 12090	9710	* 10030	7140	8160	5520	* 7380	5340
10'			* 35730	31960	* 26650	21400	* 22110	15740	17980	12160	* 16270	11770
1.5 m			* 18180	13690	* 13220	9290	10410	6910	8050	5410	7740	5210
5'			* 40070	30180	* 29140	20480	22950	15230	17740	11920	17060	11480
0 m			* 18550	13330	* 13740	9010	10230	6750	7960	5340	7910	5300
0'			* 40890	29380	* 30290	19860	22550	14880	17540	11770	17430	11680
-1.5 m	* 13710	* 13710	* 17720	13260	* 13480	8900	10140	6670			8480	5660
-5'	* 30220	* 30220	* 39060	29230	* 29710	19620	22350	14700			18690	12470
-3.0 m	* 20540	* 20540	* 15850	13360	* 12300	8930	* 9440	6720			* 8870	6430
-10'	* 45280	* 45280	* 34940	29450	* 27110	19680	* 20810	14810			* 19550	14170
-4.6 m	* 15670	* 15670	* 12560	* 12560	* 9590	9130					* 8350	8170
-15'	* 34540	* 34540	* 27690	* 27690	* 21140	20120					* 18400	18010



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

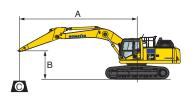
#### Conditions:

- Boom length: 6,500 mm 21' 3" one-piece boom
- Bucket: None
- · Lifting mode: On

Arm: 3,18	85 mm 10'5"					Shoe	s: 800 mm	31	.5"					l	Init	kg lbs.	
A	3.0	m 10'		4.6	m 15'		6.1	m 20'		7.6 n	1 25'	9.1 m	30'		М	AX	•
В	Cf	Cs		Cf	Cs		Cf	Cs		Cf	Cs	Cf	Cs		Cf		Cs
7.6 m														*	7250	*	7250
25'														*	15900	*	15900
6.1 m									*	8890	7600			*	7050		6440
20'									*	19600	16700			*	15500		14200
4.6 m						*	10740	10260	*	9370	7430			*	7100		5750
15'						*	23600	22600	*	20600	16300			*	15600		12600
3.0 m			* *	16210	14630	*	12090	9790	*	10030	7200	8240	5570	*	7380		5390
10'			* (	35700	32200	*	26600	21500	*	22100	15800	18100	12200	*	16200		11800
1.5 m			* *	18180	13820	*	13220	9370		10510	6980	8120	5460		7820		5260
5'			* 4	40000	30400	*	29100	20600		23100	15300	17900	12000		17200		11600
0 m			* *	18550	13460	*	13740	9100		10330	6810	8040	5390		7990		5360
0'			* 4	40900	29600	*	30200	20000		22700	15000	17700	11800		17600		11800
-1.5 m	* 13710	* 13710	* *	17720	13380	*	13480	8980		10240	6730				8570		5710
-5'	* 30200	* 30200	* (	39000	29500	*	29700	19800		22500	14800				18800		12600
-3.0 m	* 20540	* 20540	* *	15850	13490	*	12300	9010	*	9440	6780			*	8870		6490
-10'	* 45200	* 45200	* (	34900	29700	*	27100	19800	*	20800	14900			*	19500		14300
-4.6 m	* 15670	* 15670	* *	12560	* 12560	*	9590	9210						*	8350		8250
-15'	* 34500	* 34500	* 2	27600	* 27600	*	21100	20300						*	18400		18100

# **General specification**

#### Lifting capacity with lifting mode

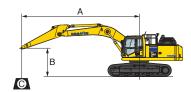


- A: Reach from swing center
- B: Bucket hook height
- C: Lifting capacity
- Cf: Rating over front
- Cs: Rating over side
- Rating at maximum reach

#### Conditions:

- Boom length: 6,500 mm 21' 3" one-piece boom
- Bucket: None
- Lifting mode: On

Arm: 3,18	5 mm 10'5"							Shoe	s: 8	50 mm	33	3.5"								l	Jnit	t: kg lbs.
A	3.0	m 10'		4.6	m 1	5'		6.1	m 2	20'		7.6 n	n 2	5'		9.1 r	n 30	)'		M	ΙΑX	•
В	Cf	Cs		Cf		Cs		Cf		Cs		Cf		Cs		Cf		Cs		Cf		Cs
7.6 m																			*	7250	*	7250
25'																			*	15900	*	15900
6.1 m											*	8890		7630					*	7050		6470
20'											*	19600		16800					*	15500		14200
4.6 m							*	10740		10300	*	9370		7460					*	7100		5770
15'							*	23600		22700	*	20600		16400					*	15600		12700
3.0 m			*	16210		14690	*	12090		9830	*	10030		7230	3	3280		5590	*	7380		5410
10'			*	35700		32300	*	26600		21600	*	22100		15900	1	8200	1	2300	*	16200		11900
1.5 m			*	18180		13880	*	13220		9410		10560		7010	8	3160		5490		7850		5290
5'			*	40000		30600	*	29100		20700		23200		15400	1	8000	1	2100		17300		11600
0 m			*	18550		13520	*	13740		9140		10380		6840	8	080	Ę	5410		8030		5380
0'			*	40900		29800	*	30200		20100		22800		15000	1	7800	1	1900		17700		11800
-1.5 m	* 13710	* 13710	*	17720		13450	*	13480		9020		10290		6770						8610		5740
-5'	* 30200	* 30200	*	39000		29600	*	29700		19900		22700		14900						18900		12600
-3.0 m	* 20540	* 20540	*	15850		13550	*	12300		9050	*	9440		6810					*	8870		6520
-10'	* 45200	* 45200	*	34900		29800	*	27100		19900	*	20800		15000					*	19500		14300
-4.6 m	* 15670	* 15670	*	12560	*	12560	*	9590		9260									*	8350		8290
-15'	* 34500	* 34500	*	27600	*	27600	*	21100		20400									*	18400		18200



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

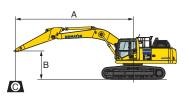
#### Conditions:

- Boom length: 6,500 mm 21' 3" one-piece boom
- Bucket: None
- Lifting mode: On

Arm: 4	nm 13'2"			Sho	es:	700 mm	12	B"								l	Jnit	: kg lbs.					
	Α	3.0	m 10'		4.6	m 15'			6.1	m	20'		7.6 n	n 25'			9.1 r	m 30	)'		M	ΑX	•
В		Cf	Cs		Cf	Cs	;		Cf		Cs		Cf		Cs	(	Cf		Cs		Cf		Cs
7.6 r	n											*	7750	7	710					*	5610	*	5610
25'												*	17080	16	6990					*	12360	*	12360
6.1 r	n											*	7950	7	620	* 6	550		5690	*	5460		5460
20'												*	17520	16	3790	* 14	1440	1	2540	*	12030		12030
4.6 r	n											*	8520	7	410	* 7	870		5610	*	5470		4940
15'												*	18780	16	330	* 17	350	1	2360	*	12050		10890
3.0 r	n			*	14340	* 143	340	*	11020		9790	*	9280	7	130	8	130		5470	*	5640		4650
10'				*	31610	* 316	10	*	24290		21580	*	20450	1	5710	17	920	1	2050	*	12430		10250
1.5 r	n			*	16890	137	70	*	12370		9260	*	10010	6	840	7	970		5320	*	5950		4540
5'				*	37230	303	50	*	27270		20410	*	22060	1	5070	17	7570	1	1720	*	13110		10000
0 m	*	8320	* 8320	*	18090	131	40	*	13230		8870		10100	6	610	7	830		5190	*	6480		4600
0'	*	18340	* 18340	*	39880	289	60	*	29160		19550		22260	14	1570	17	260	1	1440	*	14280		10140
-1.5	m *	12420	* 12420	*	17980	129	000	*	13400		8660		9950	6	470	7	760		5130		7290		4840
-5'	*	27380	* 27380	*	39630	284	30	*	29540		19090		21930	14	1260	17	100	1	1300		16070		10670
-3.0	m *	17840	* 17840	*	16780	129	000	*	12760		8610		9920	6	440					*	8040		5360
-10	. *	39330	* 39330	*	36990	284	30	*	28130		18980		21860	14	1190					*	17720		11810
-4.6	m *	19190	* 19190	*	14360	131	00	*	11040		8730	*	8190	6	570					*	7850		6420
-15	*	42300	* 42300	*	31650	288	880	*	24330		19240	*	18050	14	1480					*	17300		14150
-6.1	m *	12720	* 12720	*	9970	* 99	70	*	7010	*	7010									*	6940	*	6940
20	1 *	28040	* 28040	*	21980	* 219	080	*	15450	*	15450									*	15300	*	15300

<sup>\*</sup>Asterisk indicates load is limited by hydraulic capacity rather than tipping. Ratings are based on ISO standard No. 10567. Rated load capacity does not exceed 87% of hydraulic lift capacity or 75% of tipping load. Total weight of bucket and/or installed attachments must be deducted from the capacities shown above. Lift capacity chart is based on machine located on a solid, level and uniform surface. Load ratings are at the arm bucket pin location, use of any attachment point in a different location to handle objects could affect excavator lift performance.

#### Lifting capacity with lifting mode

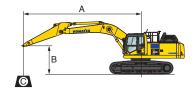


- A: Reach from swing center
- B: Bucket hook height
- C: Lifting capacity
- Cf: Rating over front
- Cs: Rating over side
- Rating at maximum reach

#### Conditions:

- Boom length: 6,500 mm 21' 3" one-piece boom
- Bucket: None
- Lifting mode: On

Arm: 4,02	0 mm 13'2"						Shoe	es: 800 mm	31	.5"						l	Jnit	: kg lbs.
A	3.0	m 10'		4.6	m 15'		6.1	m 20'		7.6	m	25'	9.1	m 30'		N	IAX	•
В	Cf	Cs		Cf	Cs		Cf	Cs		Cf		Cs	Cf	Cs		Cf		Cs
7.6 m									*	7750	*	7750			*	5610	*	5610
25'									*	17000	*	17000			*	12300	*	12300
6.1 m									*	7950		7680	* 6550	5740	*	5460	*	5460
20'									*	17500		16900	* 14400	12600	*	12000	*	12000
4.6 m									*	8520		7470	* 7870	5660	*	5470		4980
15'									*	18700		16400	* 17300	12400	*	12000		10900
3.0 m			*	14340	* 14340	*	11020	9870	*	9280		7190	8210	5520	*	5640		4700
10'			*	31600	* 31600	*	24300	21700	*	20400		15800	18100	12100	*	12400		10300
1.5 m			*	16890	13900	*	12370	9350	*	10010		6900	8040	5370	*	5950		4590
5'			*	37200	30600	*	27200	20600	*	22000		15200	17700	11800	*	13100		10100
0 m	* 8320	* 8320	*	18090	13270	*	13230	8960		10200		6670	7910	5240	*	6480		4640
0'	* 18300	* 18300	*	39800	29200	*	29100	19700		22500		14700	17400	11500	*	14200		10200
-1.5 m	* 12420	12420	*	17980	13030	*	13400	8740		10050		6530	7840	5180	*	7330		4890
-5'	* 27300	27300	*	39600	28700	*	29500	19200		22100		14400	17200	11400	*	16100		10700
-3.0 m	* 17840	* 17840	*	16780	13030	*	12760	8700	*	10020		6510			*	8040		5410
-10'	* 39300	* 39300	*	37000	28700	*	28100	19100	*	22000		14300			*	17700		11900
-4.6 m	* 19190	* 19190	*	14360	13230	*	11040	8810	*	8190		6640			*	7850		6480
-15'	* 42300	* 42300	*	31600	29100	*	24300	19400	*	18000		14600			*	17300		14300



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

#### Conditions:

- Boom length: 6,500 mm 21' 3" one-piece boom
- Bucket: None
- Lifting mode: On

Arm: 4,020 mm 13'2"										Shoe	es: 8	50 mm	33	.5"								l	Jnit	kg lbs.
	4	3.0 r	n ´	10'		4.6	m 1	5'		6.1	m 2	20'		7.6	m :	25'		9.1 r	n 30	)'		N	ΙAΧ	•
В		Cf		Cs		Cf		Cs		Cf		Cs		Cf		Cs		Cf		Cs		Cf		Cs
7.6 m													*	7750	*	7750					*	5610	*	5610
25'													*	17000	*	17000					*	12300	*	12300
6.1 m													*	7950		7720	*	6550		5770	*	5460	*	5460
20'													*	17500		17000	*	14400	1	12700	*	12000	*	12000
4.6 m													*	8520		7500	*	7870		5690	*	5470		5010
15'													*	18700		16500	*	17300	1	12500	*	12000		11000
3.0 m					*	14340	*	14340	*	11020		9910	*	9280		7220	*	8220		5550	*	5640		4720
10'					*	31600	*	31600	*	24300		21800	*	20400		15900	*	18100	1	12200	*	12400		10400
1.5 m					*	16890		13960	*	12370		9390	*	10010		6940		8080		5400	*	5950		4610
5'					*	37200		30700	*	27200		20700	*	22000		15300		17800	1	11900	*	13100		10100
0 m	*	8320	*	8320	*	18090		13330	*	13230		9000		10250		6710		7950		5270	*	6480		4660
0'	*	18300	*	18300	*	39800		29400	*	29100		19800		22600		14700		17500	1	11600	*	14200		10200
-1.5 m	*	12420	*	12420	*	17980		13090	*	13400		8790		10100		6570		7880		5200	*	7330		4910
-5'	*	27300	*	27300	*	39600		28800	*	29500		19300		22200		14400		17300	1	11400	*	16100		10800
-3.0 m	*	17840	*	17840	*	16780		13090	*	12760		8740		10020		6540					*	8040		5440
-10'	*	39300	*	39300	*	37000		28800	*	28100		19200		22000		14400					*	17700		11900
-4.6 m	*	19190	*	19190	*	14360		13290	*	11040		8860		8190		6670					*	7850		6520
-15'	*	42300	*	42300	*	31600		29300	*	24300		19500		18000		14700					*	17300		14300

#### Equipment

Cab	PC360LC	PC360LCi
ROPS cab (ISO12117-2)	•	•
High back air suspension seat, with heat	•	•
Operator Protective Guard (OPG) Level 1 top guard	•	•
Large LCD high-resolution color monitor	•	•
Automatic climate control	•	•
Retractable seat belt (76 mm width) with indicator	•	•
12 V accessory outlet	•	•
24 V accessory outlet	•	•
Rearview mirrors, right hand and left hand side	•	•
Rearview monitoring system (1 camera)	•	•
Travel alarm	•	•
Proportional joystick control levers	0	•
Operator identification system	•	•
Hydraulic lock lever	•	•
Skylight	•	•
Sunvisor	0	0
Rainvisor	0	0
Working lights, two additional cab mounted	0	0
Straight travel pedal		

Engine	PC360LC	PC360LCi
Komatsu SAA6D114E-6 Tier 4 Final	•	•
B20 biodiesel compatible fuel lines	•	•
Dry type air cleaner, double element	•	•
Fuel pre-filter with water separator	•	•
Fuel high efficiency filter	•	•
Automatic engine warm up system	•	•
Programmable auto-idle shut down	•	•
Overheat prevention system	•	•
Turbocharger protection system	•	•

Hydraulic controls	PC360LC	PC360LCi
Pattern change control valve (ISO to BH control)	•	•
Working mode selection system (6 modes)	•	•
Dual pump, closed center load sensing system (CLSS)	•	•
Auto-deceleration system	•	•
Power max system	•	•
Boom and arm holding valves	•	•
Two boom pressure mode settings	•	•
One way/two way flow hyd control unit Variable pressure, return filter, and accumulator	0	-
One way/two way flow hyd control unit Variable pressure and flow, return filter, and accumulator	-	0

Technology	PC360LC	PC360LCi
Komtrax level 5.0	•	•
intelligent Machine Control	-	•
264 mm (10.4") IMC color monitor with USB	-	•
Multi-band UHF/915SS radio	-	•
Auto grade assist	-	•
Auto stop control	-	•
Minimum distance control	-	•
Bucket angle hold control	-	•
Provision for auto tilt control*	-	•
Komvision (4-camera system)	-	00
IMU for auto tilt control	-	
In field design - 2D simple surface	-	•

Electrical system	PC360LC PC360LCi	
Batteries, large capacity (2 x 12 V)	•	•
Battery master disconnect switch with lockout tagout	•	•
Alternator (90 A, 24 V)	•	•
Starter motor (11 kW)	•	•
Secondary engine shut off switch	•	•
Working lights (1 Front RH side/1 boom LH side)	•	•

Booms and arms	PC360LC	PC360LCi
6,500 mm (21'3") HD boom assembly	•	•
6,500 mm (21'3") HD boom assembly with +1 attach piping	0	0
3,185 mm (10'5") arm assembly	•	•
3,185 mm (10'5") arm assembly with +1 attach piping	0	0
4,020 mm (13'2) arm assembly	0	0
4,020 mm (13'2) arm assembly with +1 attach piping	0	-
Boom foot, boom nose, and arm end steel castings	•	•

Undercarriage and work equipment	PC360LC	PC360LCi
850 mm (33.5") triple grouser track shoes	•	•
800 mm (31.5") single grouser track shoes	0	0
700 mm (28") triple grouser track shoes	0	-
8 track/2 carrier rollers (each side)	•	•
Hydraulic track adjusters (each side)	•	•
Track guiding guards, center section (each side)	•	•
Track roller guards, full length (each side)	0	0
Counterweight, 6,920kg (15,255lb)	•	•
Counterweight, 7,400kg (16,315lb)**	0	-
Object handling H-link	•	•

Guards and covers	PC360LC	PC360LCi
Revolving frame deck guards	•	•
Revolving frame undercovers	•	•
Track frame swivel guard	•	•
Pump/engine room partition	•	•
Turbocharger exhaust manifold cover	•	•
Dust net for radiator and hydraulic oil cooler	•	•
Slip-resistant foot plates	•	•
Tool-free access to engine and aftertreatment	•	•
Left and right side hand rails	•	•
Cab full front guard, OPG Level 1	0	0
Cab full front guard, OPG Level 2	0	0
Cab top guard, OPG Level 2	0	0
Revolving frame undercovers - heavy duty	0	0
Revolving frame undercovers - severe duty	0	0

Drive and brake system	PC360LC	PC360LCi
Three speed travel with auto shift	•	•
Double reduction type final drive	•	•
Triple labyrinth final drive seals	•	•

 $<sup>{}^{\</sup>star}\mathsf{IMU}\,\mathsf{for}\,\mathsf{auto}\text{-}\mathsf{tilt}\,\mathsf{control}\,\mathsf{required}\,\mathsf{for}\,\mathsf{operation}$ 

 $For a \, complete \, list \, of \, available \, attachments, \, please \, contact \, your \, local \, Komatsu \, distributor.$ 

Standard equipment	•
Optional equipment	0
Optional (field install)	

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 $<sup>\</sup>hbox{\it **With revolving frame reinforcements, Only available with superlong fronts}$