

KOMATSU®

PC290LC-11

Tier 4 Final Engine

HYDRAULIC EXCAVATOR



Photos may include optional equipment.

NET HORSEPOWER

196 HP @ 2050 rpm
147 kW @ 2050 rpm

OPERATING WEIGHT

70,702–72,091 lb
32070–32700 kg

BUCKET CAPACITY

0.76–2.13 yd³
0.58–1.63 m³

PC290LC

WALK-AROUND

PC290LC-11



Photos may include optional equipment.

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0.58–1.63 m³



PERFORMANCE & DURABILITY

Enhanced Power Mode

Enhanced engine and hydraulic pump control logic improves multi-function speed for up to 8% improved productivity.

Excellent Performance and Stable Platform

A long reach arm and boom combined with a heavy duty undercarriage provides extended reach with a stable and reliable platform.

A powerful **Komatsu SAA6D107E-3 engine** provides a net output of 147 kW **196 HP**. This engine is EPA Tier 4 Final emissions certified.

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

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

Large displacement high efficiency pumps provide high flow output at lower engine speed, improving efficiency.

Hydraulic logic automatically adjusts boom settings to provide power mode for maximum digging force or smooth mode for fine grading operations.

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

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

Large LCD color monitor panel:

- 7" high resolution screen
- Provides "Ecology Guidance" for fuel efficient operation
- Enhanced attachment control

Rearview monitoring system (standard)

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



Enhanced working environment

- High back, heated air suspension operator seat with adjustable arm rests
- Integrated ROPS cab design (ISO 12117-2)
- Cab meets ISO Level 1 Operator Protective Guard (OPG) top guard (ISO 10262)
- Standard pattern change valve to switch from ISO to BH control pattern
- Aux jack and (2) 12V power outlets

Komatsu designed and manufactured components

Long arm and boom for extended reach and a heavy duty undercarriage provides stability and long life

Handrails (standard) located on the machine upper structure provide a convenient work area in front of the engine.

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

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

Operator Identification System can track machine operation for up to 100 operators.

PERFORMANCE FEATURES

KOMATSU NEW ENGINE TECHNOLOGIES

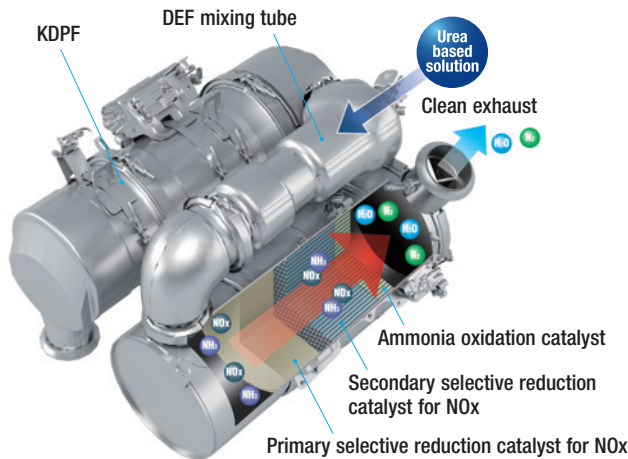
New Tier 4 Final Engine

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

Technologies Applied to New Engine

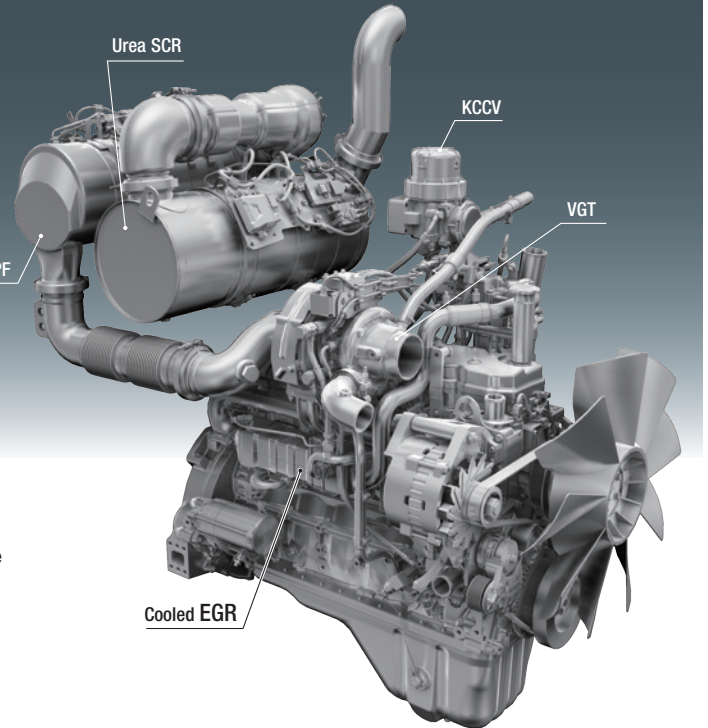
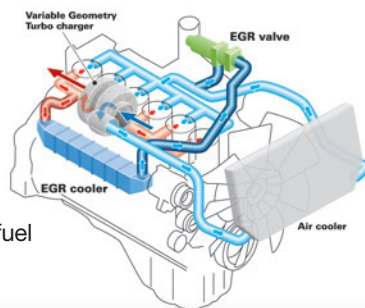
Heavy-duty aftertreatment system

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



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 maintain T4 interim fuel consumption rates.

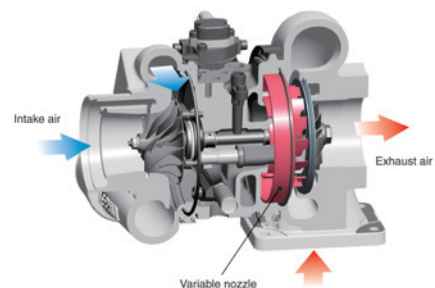


Advanced Electronic Control System

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

Variable Geometry Turbocharger (VGT) system

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



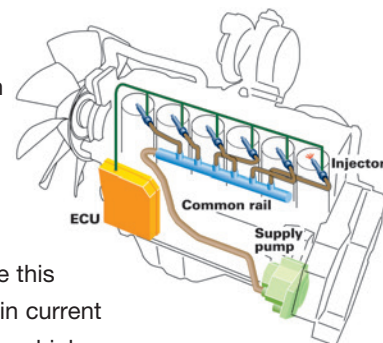
Komatsu Auto Idle Shutdown

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



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

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



Enhanced Productivity

The PC290LC-11's enhanced P Mode provides more hydraulic flow and increases productivity.

Productivity

Up to 8% increase
(compared to the PC290LC-10 in standard P Mode)

P mode (90° swing and loading onto truck)



PERFORMANCE FEATURES

Built For Productivity

The PC290LC-11 has PC300 class undercarriage components and a heavier 11,464 lb counterweight to deliver excellent stability and lift capability. Building on the reputation of the PC240LC-11, the PC290LC-11 offers the features below for increased digging performance in the most demanding applications.

- 1 Longer Boom
- 2 Longer Standard Arm
- 3 Larger Boom, Arm, and Bucket Cylinders
- 4 Greater Swing Torque
- 5 Larger Final Drives With Greater Drawbar Pull
- 6 Larger Counterweight

Increased Work Efficiency

Powerful digging force

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

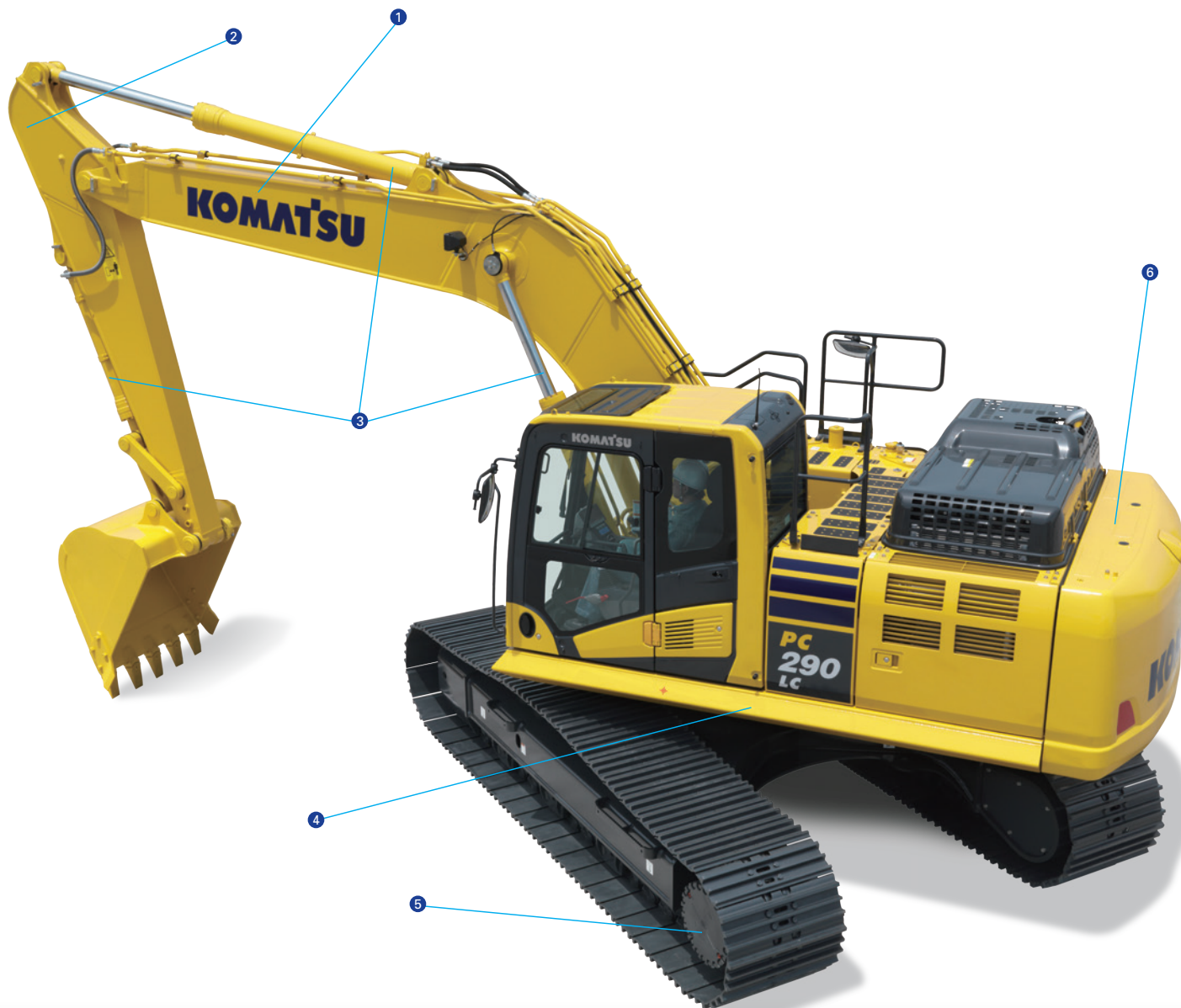
Maximum arm crowd force (ISO)

124 kN(12.6t) ➔ **133 kN(13.6t) 7% UP**
(with Power Max.)

Maximum bucket digging force (ISO)

184 kN(18.8t) ➔ **198 kN(20.2t) 8% UP**
(with Power Max.)

Measured with Power Max. function, 3200 mm arm and ISO rating





Working Mode Selection

The PC290LC-11 excavator is equipped with six working modes (P, E, L, B, ATT/P and ATT/E). Power Mode provides improved hydraulic power and faster cycle times for improved performance in demanding applications. Each mode is designed to match engine speed, pump flow, and system pressure to the application. The PC290LC-11 features an attachment mode (ATT/E) that allows operators to run attachments while in Economy mode.

Working Mode	Application	Advantage
P	Power Mode	•Maximum production, power & multifunction
E	Economy Mode	•Good cycle times with reduced fuel consumption
L	Lifting Mode/ Fine Control	•Increased lifting power & fine control
B	Breaker Mode	•One way flow for hydraulic breaker operation
ATT/P	Attachment Power Mode	•Two way flow with maximum power
ATT/E	Attachment Economy Mode	•Two way flow with most efficient fuel economy

Large Displacement High Efficiency Pump

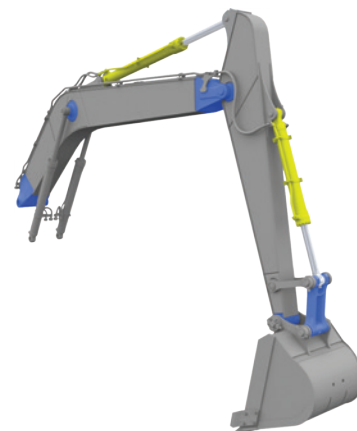
Large displacement hydraulic implement pumps provide high flow output at lower engine RPM as well as operation at the most efficient engine speed.



- P** Performance priority
P mode
- E** Fuel savings priority
E mode
- L** Lifting operation
L mode
- B** One way flow breaker operation
B mode
- ATT/P** Two way flow attachment – Power
ATT/P mode
- ATT/E** Two way flow attachment – Economy
ATT/E mode

High Rigidity Work Equipment

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



WORKING ENVIRONMENT

PC290LC-11





Comfortable Working Space

Wide spacious cab

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

Arm rest with simple height adjustment function

A knob and plunger on the armrests allows easy height adjustment without the use of tools.



Low vibration with cab damper mounting

Automatic climate control

Pressurized cab

Auxiliary input jack

Connecting a regular audio device to the auxiliary jack allows the operator to hear the sound from the stereo speakers installed in the cab.



Standard Equipment

Sliding window glass (left side)



Radio, ashtray



Remote intermittent wiper with windshield washer



Cigarette lighter



Opening & closing skylight



Magazine box & cup holder



Defroster (conforms to the ISO standard)



One-touch storable front window lower glass



WORKING ENVIRONMENT

PG290LG-11

LARGE HIGH RESOLUTION LCD MONITOR



New Monitor Panel Interface Design

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

Indicators

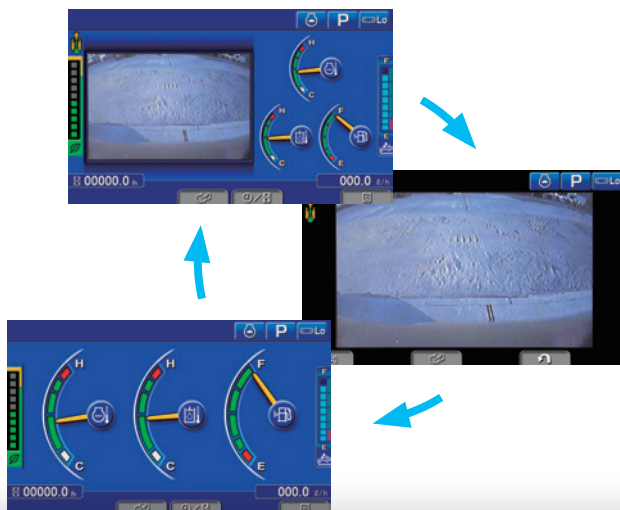
- | | |
|------------------------------------|-----------------------------|
| 1 Auto-decelerator | 8 Fuel gauge |
| 2 Working mode | 9 DEF level gauge |
| 3 Travel speed | 10 Service meter, clock |
| 4 Ecology gauge | 11 Fuel consumption gauge |
| 5 Camera display | 12 Guidance icon |
| 6 Engine coolant temperature gauge | 13 Function switches |
| 7 Hydraulic oil temperature gauge | 14 Camera direction display |
| | 15 DEF level caution lamp |

Basic operation switches

- | | |
|-------------------------|-------------------------|
| 1 Auto-decelerator | 4 Buzzer cancel |
| 2 Working mode selector | 5 Wiper |
| 3 Travel speed selector | 6 Window washer |
| | 7 Auto climate controls |

Switchable Display Modes

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



Visual user menu

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



- | | |
|---------------------------------------|--------------------|
| 1 Energy saving guidance | 2 Machine settings |
| 3 Aftertreatment devices regeneration | 4 SCR information |
| 5 Maintenance | 6 Monitor setting |
| | 7 Message check |

Support Efficiency Improvement

Ecology guidance

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

Ecology gauge & fuel consumption gauge

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



Ecology gauge Fuel consumption gauge
Ecology guidance

Operation record, fuel consumption history, and ecology guidance record

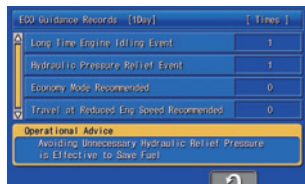
The ecology guidance menu enables the operator to check the operation record, fuel consumption history and ecology guidance record from the ecology guidance menu, using a single touch, thus assisting operators with reducing total fuel consumption.



Operation record



Fuel consumption history



Ecology guidance record

Operator Identification Function

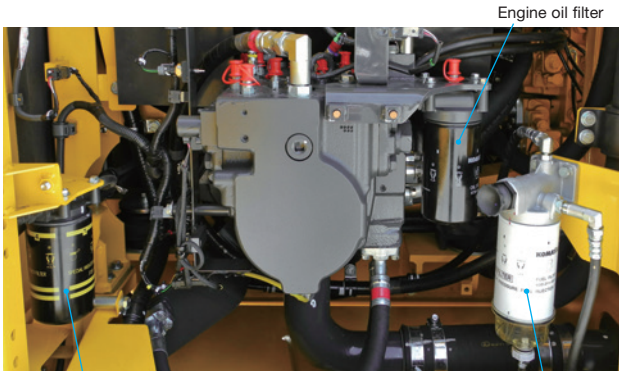
An operator identification ID can be set up for each operator, and used to manage operation information of individual machines using KOMTRAX data. Data sent from KOMTRAX can be used to analyze operation status by operator as well as by machine.



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.



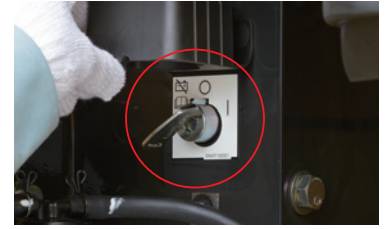
Engine oil filter

High efficiency fuel filter

Fuel pre-filter (with water separator)

Battery disconnect switch

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



Easy to access air conditioner filter

Washable cab floor mat

Sloping track frame

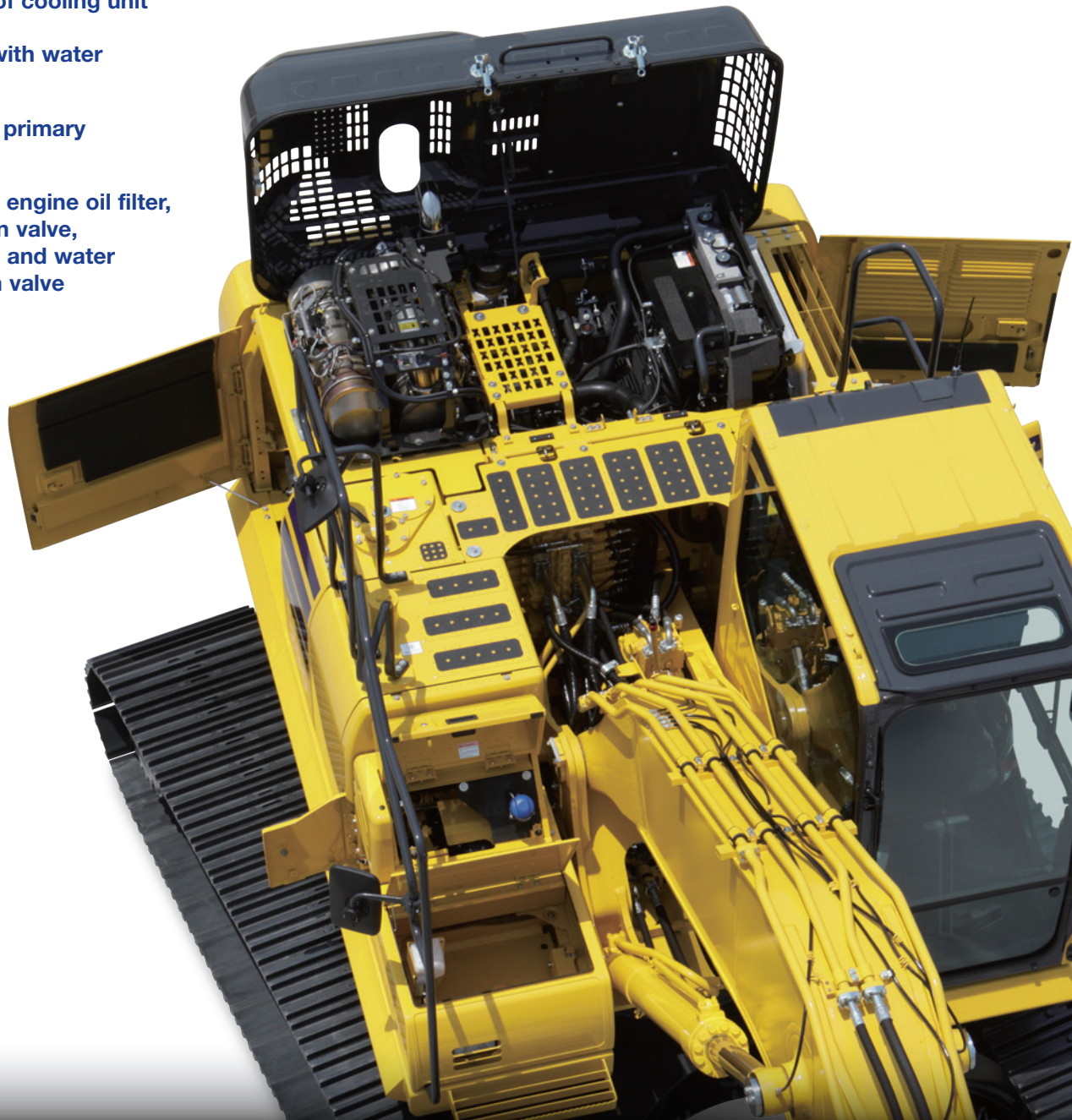
Utility space

Easy cleaning of cooling unit

Fuel pre-filter with water separator

High efficiency primary fuel filter

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



PG290LG-11

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.

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



Hydraulic oil filter (Ecology white element)

Large capacity air cleaner

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

Diesel Exhaust Fluid (DEF) tank

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



Maintenance Information

“Maintenance time caution lamp” display

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

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



Maintenance screen

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.

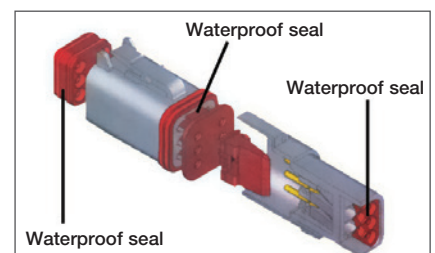


DEF level gauge

DEF low level guidance

DT-type connectors

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



GENERAL FEATURES

ROPS CAB STRUCTURE

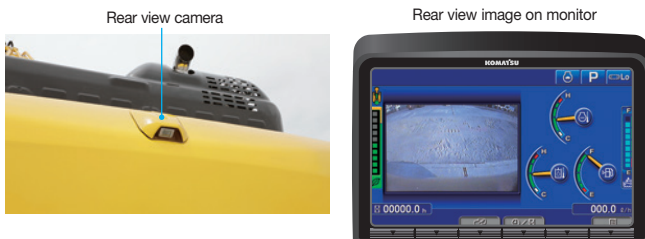
ROPS Cab (ISO 12117-2)

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



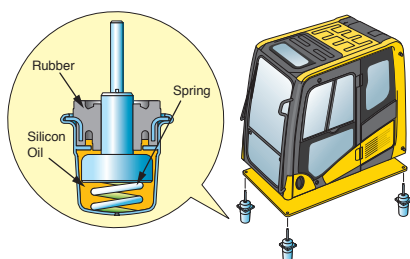
Rear View Monitoring System

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 PC290LC-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 shut down switch at base of seat to shutdown the engine.



Left and right side handrails



Seat belt caution indicator



Lock lever

Seat belt retractable

Tempered & tinted glass

Large mirrors

Slip-resistant plates

Thermal and fan guards

Pump/engine room partition

Travel alarm

Large cab entrance step



KOMTRAX EQUIPMENT MONITORING

GET THE WHOLE STORY WITH
KOMTRAX[®]

✓ **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

✓ **WHO**

- KOMTRAX is **standard** equipment on all Komatsu construction products



✓ **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



KOMTRAX[®]

For construction and compact equipment.

KOMTRAX Plus[®]

For production and mining class machines.

KOMATSU PARTS & SERVICE SUPPORT



KOMATSU CARE

Program Includes:

*The PC290LC-11 comes standard with complimentary factory scheduled maintenance for the first 3 Years or 2,000 Hours, whichever comes first.

Planned Maintenance Intervals at:

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

Benefits of Using Komatsu CARE

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

Complimentary KDPF Exchange

The PC290LC-11 comes standard with 2 Complimentary KDPF Exchange Units for the first 5 Years (unlimited hours) Complimentary KDPF Exchange Units are provided at: The suggested KDPF Exchange Units Service Intervals of 4,500 hours and 9,000 hours during the first 5 years. End User must have authorized Komatsu distributor perform the removal and installation of the KDPF.

Complimentary SCR System Maintenance

The PC290LC-11 also includes 2 factory recommended services of the Selective Catalytic Reduction (SCR) Diesel exhaust fluid (DEF) system during the first 5 years—no hour limit—including: Factory recommended DEF tank flush and strainer cleaning at 4,500 hours and 9,000 hours.

Interval PM	500	1000	1500	2000
KOWA SAMPLING – (Engine, Hydraulics, L & R Swing Machinery, L & R Final Drives)	✓	✓	✓	✓
LUBRICATE MACHINE	✓	✓	✓	✓
LUBRICATE SWING CIRCLE	✓	✓	✓	✓
CHECK SWING PINION GREASE LEVEL AND ADD, WHEN NECESSARY	✓	✓	✓	✓
CHANGE ENGINE OIL	✓	✓	✓	✓
REPLACE ENGINE OIL FILTER	✓	✓	✓	✓
REPLACE FUEL PRE-FILTER	✓	✓	✓	✓
REPLACE AC FRESH & RECIRC AIR FILTERS	✓	✓	✓	✓
CLEAN AIR CLEANER ELEMENT	✓	✓	✓	✓
DRAIN SEDIMENT FROM FUEL TANK	✓	✓	✓	✓
COMPLETE 50 POINT INSPECTION FORM; LEAVE PINK COPY WITH CUSTOMER OR IN CAB	✓	✓	✓	✓
RESET MONITOR PANEL MAINTENANCE COUNTER FOR APPROPRIATE ITEMS	✓	✓	✓	✓
REPLACE HYDRAULIC TANK BREATHER ELEMENT		✓		✓
REPLACE DEF TANK BREATHER		✓		✓
CHECK DAMPER CASE OIL LEVEL, ADD WHEN NECESSARY		✓		✓
REPLACE FUEL MAIN FILTER		✓		✓
REPLACE HYDRAULIC OIL FILTER ELEMENT		✓		✓
CHANGE SWING MACHINERY OIL		✓		✓
CHANGE FINAL DRIVE OIL				✓
CLEAN HYDRAULIC TANK STRAINER				✓
REPLACE DEF FILTER				✓
REPLACE KCCV FILTER ELEMENT				✓
FACTORY TRAINED TECHNICIAN LABOR	✓	✓	✓	✓
2 KDPF Exchanges at 4,500 Hrs and 9,000 Hrs.				
2 SCR System Maintenance Services at 4,500 Hrs. and 9000 Hrs.				

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

* 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.

PC290LC-11

SPECIFICATIONS



ENGINE

Model..... Komatsu SAA6D107E-3*
 Type..... Water-cooled, 4-cycle, direct injection
 Aspiration..... Komatsu variable geometry turbocharged, aftercooled, cooled EGR
 Number of cylinders..... 6
 Bore..... 107 mm **4.21"**
 Stroke..... 124 mm **4.88"**
 Piston displacement..... 6.69 ltr **408 in³**
 Horsepower:
 SAE J1995..... Gross 159 kW **213 HP**
 ISO 9249 / SAE J1349..... Net 147 kW **196 HP**
 Rated rpm..... 2050

Fan drive method for radiator cooling..... Mechanical
 Governor..... All-speed control, electronic

*EPA Tier 4 Final emissions certified



HYDRAULICS

Type..... HydrauMind (Hydraulic Mechanical Intelligence) system, closed-center system with load sensing valves and pressure compensated valves

Number of selectable working modes..... 6

Main pump:

Type..... Variable displacement piston type
 Pumps for..... Boom, arm, bucket, swing, and travel circuits
 Maximum flow..... 479 ltr/min **126.5 gal/min**
 Supply for control circuit..... Self-reducing valve

Hydraulic motors:

Travel..... 2 x axial piston motors with parking brake
 Swing..... 1 x axial piston motor with swing holding brake

Relief valve setting:

Implement circuits..... 37.3 MPa 380 kg/cm² **5,400 psi**
 Travel circuit..... 37.3 MPa 380 kg/cm² **5,400 psi**
 Swing circuit..... 28.9 MPa 295 kg/cm² **4,190 psi**
 Pilot circuit..... 3.2 MPa 33 kg/cm² **470 psi**

Hydraulic cylinders:

(Number of cylinders – bore x stroke x rod diameter)

Boom 2–140 mm x 1300 mm x 100 mm **5.5" x 51.2" x 3.9"**
 Arm 1–150 mm x 1635 mm x 110 mm **5.9" x 64.3" x 4.3"**
 Bucket 1–140 mm x 1009 mm x 100 mm **5.5" x 39.7" x 3.9"**



DRIVES AND BRAKES

Steering control..... Two levers with pedals

Drive method..... Hydrostatic

Maximum drawbar pull..... 249 kN 25400 kg **56,000 lb**

Gradeability..... 70%, 35°

Maximum travel speed: High..... 5.5 km/h **3.4 mph**
 (Auto-Shift) Mid..... 4.1 km/h **2.5 mph**
 (Auto-Shift) Low..... 3.0 km/h **1.9 mph**

Service brake..... Hydraulic lock

Parking brake..... Mechanical disc brake



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..... 10.5 rpm

Swing torque..... 8889 kg•m **64,292 ft lbs**



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 (REFILLING)

Fuel tank..... 400 ltr **105.7 U.S. gal**

Coolant..... 36 ltr **9.5 U.S. gal**

Engine..... 23.1 ltr **6.1 U.S. gal**

Final drive, each side..... 8.0 ltr **2.1 U.S. gal**

Swing drive..... 7.2 ltr **1.9 U.S. gal**

Hydraulic tank..... 132 ltr **34.9 U.S. gal**

Hydraulic system..... 253 ltr **66.8 U.S. gal**

DEF tank..... 23.1 ltr **6.1 U.S. gal**



SOUND PERFORMANCE

Exterior – ISO 6395..... 104 dB(A)

Operator – ISO 6396..... 70 dB(A)



OPERATING WEIGHT (APPROXIMATE)

Operating weight includes 6150 mm **20'2"** one-piece boom, 3200 mm **10'6"** arm, SAE heaped 1.63 m³ **2.13 yd³** bucket, rated capacity of lubricants, coolant, full fuel tank, operator, and standard equipment.

Triple-Grouser Shoes	Operating Weight	Ground Pressure ISO 16754
700 mm 28"	32070 kg 70,702 lb	0.53 kg/cm ² 7.48 psi
800 mm 31.5"	32450 kg 71,540 lb	0.46 kg/cm ² 6.63 psi
850 mm 33.5"	32700 kg 72,091 lb	0.44 kg/cm ² 6.28 psi

Component Weights

Arm including bucket cylinder and linkage
 3200 mm **10'6"** arm assembly..... 1432 kg **3,157 lb**
 3500 mm **11'6"** arm assembly..... 1504 kg **3,316 lb**
 One piece boom including arm cylinder
 6150 mm **20'2"** boom assembly..... 2448 kg **5,397 lb**
 Boom cylinders x 2..... 231 kg **509 lb**
 Counterweight..... 5200 kg **11,464 lb**
 1.63 m³ **2.13 yd³** bucket - 54" width..... 1168 kg **2,576 lb**

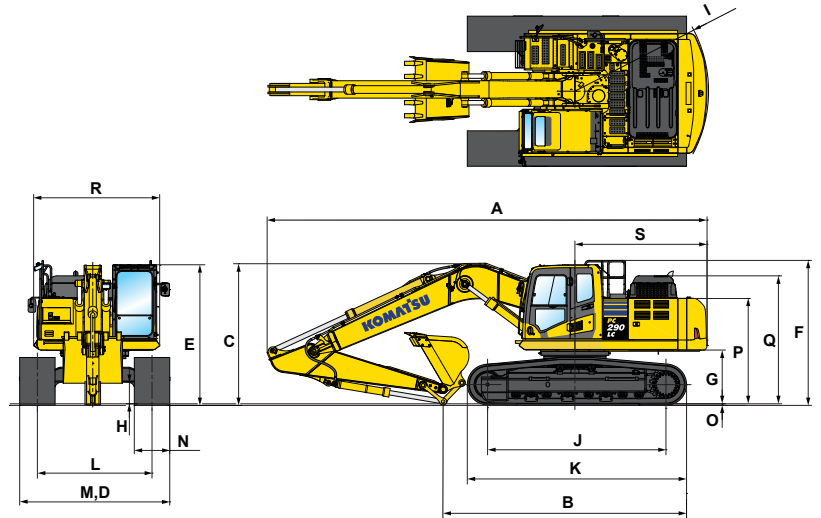
SPECIFICATIONS



DIMENSIONS

Arm Length	3200 mm	10'6"	3500 mm	11'6"
A Overall length	10265 mm	33'8"	10275 mm	33'9"
B Length on ground (transport)	5770 mm	18'11"	5495 mm	18'0"
C Overall height (to top of boom)*	3295 mm	10'10"	3375 mm	11'1"
D Overall width	3390 mm	11'1"		
E Overall height (to top of cab)*	3180 mm	10'5"		
F Overall height (to top of handrail)*	3275 mm	10'9"		
G Ground clearance, counterweight	1215 mm	4' 0"		
H Ground clearance, minimum	495 mm	1'7"		
I Tail swing radius	3020 mm	9'11"		
J Track length on ground	4030 mm	13'3"		
K Track length	4955 mm	16'3"		
L Track gauge	2590 mm	8'6"		
M Width of crawler	3390 mm	11'1"		
N Shoe width	800 mm	31.5"		
O Grouser height	36 mm	1.4"		
P Machine height to top of counterweight	2380 mm	7'10"		
Q Machine height to top of engine cover	2895 mm	9'6"		
R Machine upper width	2850 mm	9'4"		
S Distance, swing center to rear end	2985 mm	9'10"		

* : Including grouser height



BACKHOE BUCKET, ARM AND BOOM COMBINATION

Bucket Type	Bucket				6.15 m (20'2") Boom		
	Capacity	Width		Weight	3.2 m (10'6")	3.5 m (11'6")	
Komatsu TL	0.58 m ³	0.76 yd ³	610 mm	24"	687 kg	1514 lb	●
	0.78 m ³	1.02 yd ³	762 mm	30"	807 kg	1779 lb	●
	0.99 m ³	1.29 yd ³	914 mm	36"	907 kg	2000 lb	●
	1.20 m ³	1.57 yd ³	1067 mm	42"	949 kg	2178 lb	●
	1.41 m ³	1.85 yd ³	1219 mm	48"	1045 kg	2399 lb	○
Komatsu HP	1.63 m ³	2.13 yd ³	1372 mm	54"	1168 kg	2576 lb	○
	0.58 m ³	0.76 yd ³	610 mm	24"	812 kg	1791 lb	●
	0.78 m ³	1.02 yd ³	762 mm	30"	931 kg	2053 lb	●
	0.99 m ³	1.29 yd ³	914 mm	36"	1054 kg	2323 lb	●
	1.20 m ³	1.57 yd ³	1067 mm	42"	1154 kg	2545 lb	●
Komatsu HPS	1.41 m ³	1.85 yd ³	1219 mm	48"	1278 kg	2817 lb	○
	1.63 m ³	2.13 yd ³	1372 mm	54"	1404 kg	3095 lb	○
	0.58 m ³	0.76 yd ³	610 mm	24"	870 kg	1917 lb	●
	0.78 m ³	1.02 yd ³	762 mm	30"	1020 kg	2248 lb	●
	0.99 m ³	1.29 yd ³	914 mm	36"	1162 kg	2562 lb	●
Komatsu HPX	1.20 m ³	1.57 yd ³	1067 mm	42"	1282 kg	2827 lb	●
	1.41 m ³	1.85 yd ³	1219 mm	48"	1425 kg	3142 lb	○
	1.63 m ³	2.13 yd ³	1372 mm	54"	1571 kg	3464 lb	○
	0.58 m ³	0.76 yd ³	610 mm	24"	987 kg	2177 lb	●
	0.78 m ³	1.02 yd ³	762 mm	30"	1138 kg	2508 lb	●
Komatsu HPX	0.99 m ³	1.29 yd ³	914 mm	36"	1280 kg	2822 lb	●
	1.20 m ³	1.57 yd ³	1067 mm	42"	1400 kg	3087 lb	○
	1.41 m ³	1.85 yd ³	1219 mm	48"	1543 kg	3402 lb	○
	1.63 m ³	2.13 yd ³	1372 mm	54"	1689 kg	3724 lb	○
							○

● - Used with material weights up to 3,500 lb/yd³ - Quarry/rock/high abrasion applications

○ - Used with material weights up to 2,500 lb/yd³ - General construction

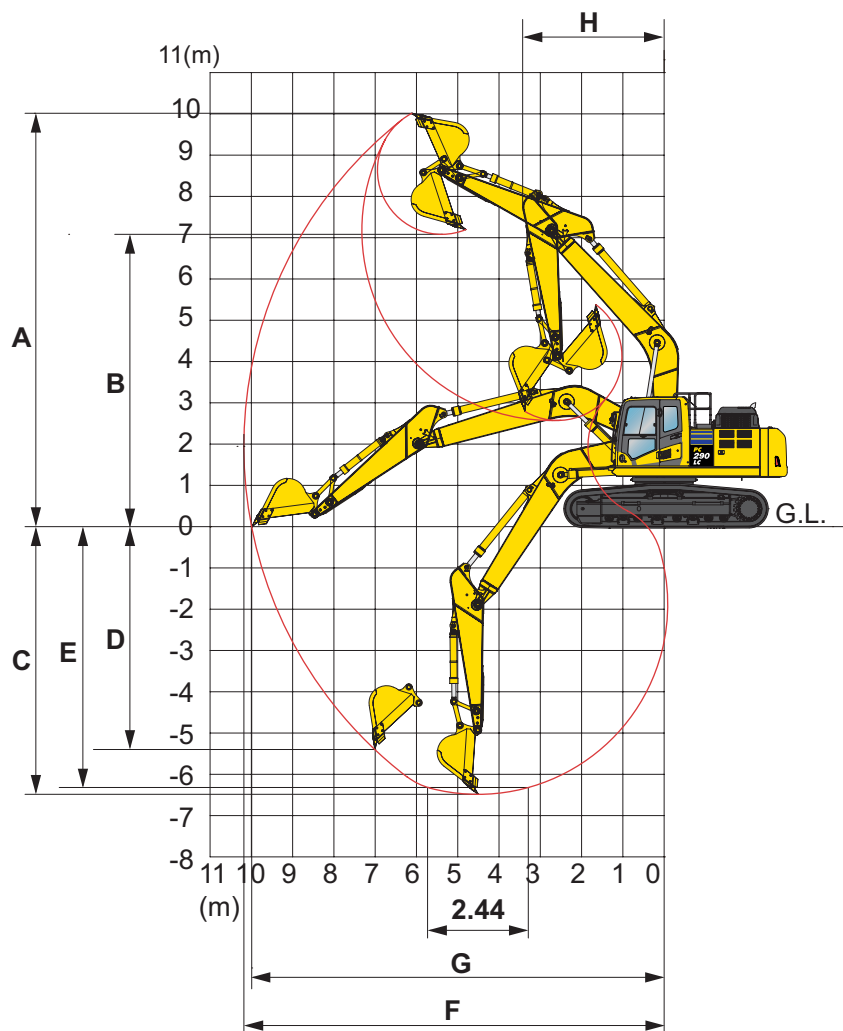
○ - Used with material weights up to 3,000 lb/yd³ - Tough digging applications

○ - Used with material weights up to 2,000 lb/yd³ - Light materials applications

X - Not useable



WORKING RANGE



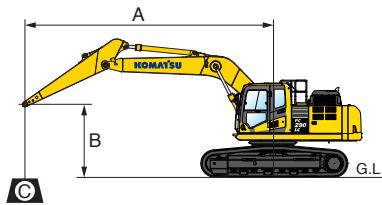
		Arm Length			
		3200 mm	10'6"	3500 mm	11'6"
A	Max. digging height	10300 mm	33'10"	10355 mm	34'0"
B	Max. dumping height	7375 mm	24'2"	7435 mm	24'5"
C	Max. digging depth	6910 mm	22'8"	7220 mm	23'8"
D	Max. vertical wall digging depth	5790 mm	19'0"	5850 mm	19'2"
E	Max. digging depth for 8' level bottom	6750 mm	22'2"	7070 mm	23'2"
F	Max. digging reach	10710 mm	35'2"	10890 mm	35'9"
G	Max. digging reach at ground level	10450 mm	34'3"	10715 mm	35'2"
H	Min. swing radius	3680 mm	12'1"	3740 mm	12'3"
SAE rating	Bucket digging force at power max.	176 kN 17900 kg / 39,463 lb		176 kN 17900 kg / 39,463 lb	
	Arm crowd force at power max.	129 kN 13100 kg / 28,881 lb		121 kN 12400 kg / 27,337 lb	
ISO rating	Bucket digging force at power max.	198 kN 20200 kg / 44,533 lb		198 kN 20200 kg / 44,533 lb	
	Arm crowd force at power max.	133 kN 13600 kg / 29,983 lb		125 kN 12800 kg / 28,219 lb	

LIFT CAPACITIES

PC290LC-11



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:

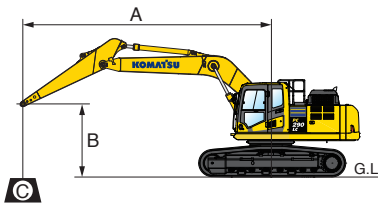
- Boom length: 6150 mm 20' 2"
- Bucket: None
- Lifting mode: On

Arm: 3200 mm 10'6"		Bucket: None				Shoes: 800 mm 31.5" triple grouser				Unit: kg lb			
B	A MAX	3.0 m 10'		4.6 m 15'		6.1 m 20'		7.6 m 25'		9.1 m 30'		⊗ MAX	
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.6 m 25'	7.1 m 23'											* 4700	* 4700
												* 10400	* 10400
6.1 m 20'	8.1 m 26'					* 7350	* 7350	* 6350	5950			* 4500	* 4500
						* 16200	* 16200	* 14000	13100			* 10000	* 10000
4.6 m 15'	8.7 m 29'			* 9700	* 9700	* 8250	8150	* 7550	5850			* 4500	* 4500
				* 21300	* 21300	* 18200	18000	* 16700	12900			* 10000	* 10000
3.0 m 10'	9.0 m 30'			* 12350	11800	* 9550	7800	* 8200	5650			* 4650	4450
				* 27300	26000	* 21100	17200	* 18000	12500			* 10300	9800
1.5 m 5'	9.1 m 30'			* 14700	11050	* 10800	7450	8650	5500			* 5000	4300
				* 32400	24400	* 23800	16400	19100	12100			* 11000	9500
0 m 0'	8.9 m 29'	* 7300	* 7300	* 15850	10700	* 11600	7200	8500	5350			* 5500	4400
		* 16200	* 16200	* 34900	23600	* 25600	15900	18700	11800			* 12200	9700
-1.5 m -5'	8.4 m 28'	* 12550	* 12550	* 15850	10550	11600	7100	8400	5300			* 6450	4700
		* 27700	* 27700	* 35000	23300	25600	15600	18600	11700			* 14200	10400
-3.0 m -10'	7.6 m 25'	* 19250	* 19250	* 14900	10650	* 11300	7100					* 8200	5400
		* 42500	* 42500	* 32900	23400	* 24900	15700					* 18100	11900
-4.6 m -15'	6.3 m 21'	* 17100	* 17100	* 12600	10850	* 9250	7300					* 8800	7000
		* 37800	* 37800	* 27800	23900	* 20400	16100					* 19400	15400

*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

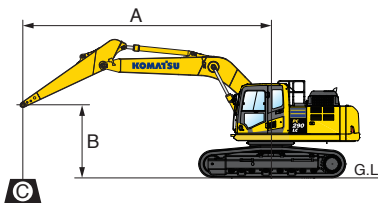


- A: Reach from swing center
- B: Bucket hook height
- C: Lifting capacity
- Cf: Rating over front
- Cs: Rating over side
- ☉: Rating at maximum reach

- Conditions:
- Boom length: 6150 mm 20' 2"
 - Bucket: None
 - Lifting mode: On

Arm: 3500 mm 11'6"		Bucket: None				Shoes: 800 mm 31.5" triple grouser				Unit: kg lb						
B	A	MAX	1.5 m 5'		3.0 m 10'		4.6 m 15'		6.1 m 20'		7.6 m 25'		9.1 m 30'		☉ MAX	
			Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.6 m 25'	7.4 m 24'														* 4300	* 4300
6.1 m 20'	8.3 m 27'									* 6300	6000				* 4150	* 4150
4.6 m 15'	8.9 m 29'							* 7900	* 7900	* 7250	5850				* 4150	* 4150
3.0 m 10'	9.3 m 30'					* 11750	* 11750	* 9200	7800	* 7950	5700	* 5000	4350		* 4300	4250
1.5 m 5'	9.3 m 31'					* 14200	11100	* 10500	7450	* 8650	5500	* 5750	4250		* 4550	4150
0 m 0'	9.1 m 30'			* 8200	* 8200	* 15600	10650	* 11400	7150	8450	5350				* 5050	4200
-1.5 m -5'	8.7 m 28'	* 8150	* 8150	* 12500	* 12500	* 15850	10450	11550	7000	8350	5250				* 5850	4450
-3.0 m -10'	7.9 m 26'	* 12800	* 12800	* 18250	* 18250	* 15100	10500	* 11400	7000	8400	5250				* 7350	5050
-4.6 m -15'	6.6 m 22'			* 18100	* 18100	* 13150	10700	* 9800	7150						* 8650	6400
				* 39900	* 39900	* 29000	23600	* 21600	15800						* 19100	14200

*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.



- 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: 6150 mm 20' 2"
 - Bucket: None
 - Lifting mode: On

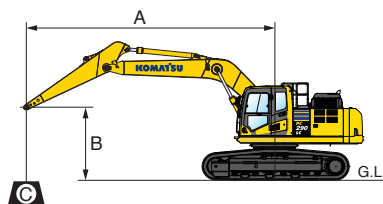
Arm: 3200 mm 10'6"		Bucket: None				Shoes: 700 mm 28" triple grouser				Unit: kg lb					
B	A	MAX	3.0 m 10'		4.6 m 15'		6.1 m 20'		7.6 m 25'		9.1 m 30'		☉ MAX		
			Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
7.6 m 25'	7.1 m 23'													* 4700	* 4700
6.1 m 20'	8.1 m 26'					* 7350	* 7350	* 6350	5900					* 4500	* 4500
4.6 m 15'	8.7 m 29'			* 9700	* 9700	* 8250	8050	* 7550	5800					* 4500	* 4500
3.0 m 10'	9.0 m 30'			* 12350	11650	* 9550	7700	* 8200	5600					* 4650	4400
1.5 m 5'	9.1 m 30'			* 14700	10950	* 10800	7350	8550	5450					* 5000	4250
0 m 0'	8.9 m 29'	* 7300	* 7300	* 15850	10550	11600	7100	8400	5300					* 5500	4350
-1.5 m -5'	8.4 m 28'	* 12550	* 12550	* 15850	10450	11500	7000	8300	5250					* 6450	4650
-3.0 m -10'	7.6 m 25'	* 19250	* 19250	* 14900	10500	* 11300	7000							* 8200	5300
-4.6 m -15'	6.3 m 21'	* 42500	* 42500	* 32900	23200	* 24900	15500							* 18100	11700
		* 17100	* 17100	* 12600	10750	* 9250	7200							* 8800	6900
		* 37800	* 37800	* 27800	23700	* 20400	15900							* 19400	15300

*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.

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
- ⊗: Rating at maximum reach

Conditions:

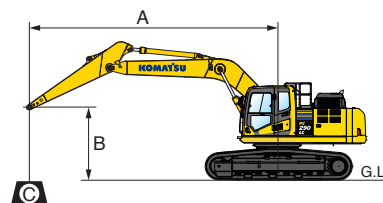
- Boom length: 6150 mm 20' 2"
- Bucket: None
- Lifting mode: On

Arm: 3500 mm 11'6"		Bucket: None				Shoes: 700 mm 28" triple grouser				Unit: kg lb							
B	A	MAX	1.5 m 5'		3.0 m 10'		4.6 m 15'		6.1 m 20'		7.6 m 25'		9.1 m 30'		⊗ MAX		
			Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
7.6 m	7.4 m															* 4300	* 4300
25'	24'															* 9500	* 9500
6.1 m	8.3 m									* 6300	5950					* 4150	* 4150
20'	27'									* 13900	13100					* 9200	* 9200
4.6 m	8.9 m								* 7900	* 7900	* 7250	5800				* 4150	* 4150
15'	29'								* 17400	* 17400	* 16000	12800				* 9200	* 9200
3.0 m	9.3 m					* 11750	11750	* 9200	7750	* 7950	5600	* 5000	4300			* 4300	4200
10'	30'					* 25900	25900	* 20300	17000	* 17500	12400	* 11000	9500			* 9500	9300
1.5 m	9.3 m					* 14200	10950	* 10500	7350	8550	5400	* 5750	4200			* 4550	4100
5'	31'					* 31300	24200	* 23100	16200	18800	12000	* 12700	9300			* 10100	9000
0 m	9.1 m					* 8200	* 8200	* 15600	10500	* 11400	7100	8350	5250			* 5050	4150
0'	30'					* 18100	* 18100	* 34300	23200	* 25200	15600	18400	11600			* 11100	9200
-1.5 m	8.7 m	* 8150	* 8150	* 12500	* 12500	* 15850	10350	11400	6950	8250	5200					* 5850	4400
-5'	28'	* 18000	* 18000	* 27500	* 27500	* 34900	22800	25200	15300	18200	11400					* 12900	9700
-3.0 m	7.9 m	* 12800	* 12800	* 18250	* 18250	* 15100	10400	* 11400	6950	8300	5200					* 7350	5000
-10'	26'	* 28200	* 28200	* 40300	* 40300	* 33300	22900	* 25100	15300	18300	11500					* 16300	11000
-4.6 m	6.6 m			* 18100	* 18100	* 13150	10550	* 9800	7050							* 8650	6350
-15'	22'			* 39900	* 39900	* 29000	23300	* 21600	15600							* 19100	14000

*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
- ⊗: Rating at maximum reach

Conditions:

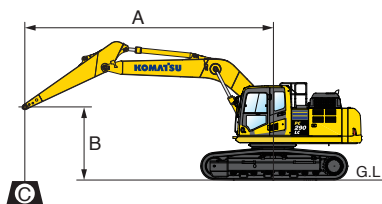
- Boom length: 6150 mm 20' 2"
- Bucket: None
- Lifting mode: On

Arm: 3200 mm 10'6"		Bucket: None				Shoes: 850 mm 33.5" triple grouser				Unit: kg lb					
B	A	MAX	3.0 m 10'		4.6 m 15'		6.1 m 20'		7.6 m 25'		9.1 m 30'		⊗ MAX		
			Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
7.6 m	7.1 m													* 4700	* 4700
25'	23'													* 10400	* 10400
6.1 m	8.1 m					* 7350	* 7350	* 6350	5950					* 4500	* 4500
20'	26'					* 16200	* 16200	* 14000	13200					* 10000	* 10000
4.6 m	8.7 m					* 9700	* 9700	* 8250	8200	* 7550	5850			* 4500	* 4500
15'	29'					* 21300	* 21300	* 18200	18100	* 16700	13000			* 10000	* 10000
3.0 m	9.0 m					* 12350	11850	* 9550	7850	* 8200	5700			* 4650	4450
10'	30'					* 27300	26100	* 21100	17300	* 18000	12600			* 10300	9800
1.5 m	9.1 m					* 14700	11150	* 10800	7500	8700	5550			* 5000	4350
5'	30'					* 32400	24500	* 23800	16500	19200	12200			* 11000	9600
0 m	8.9 m	* 7300	* 7300	* 15850	10750	* 11600	7850	* 8550	5400					* 5500	4400
0'	29'	* 16200	* 16200	* 34900	23700	* 25600	16000	18800	11900					* 12200	9700
-1.5 m	8.4 m	* 12550	* 12550	* 15850	10650	11700	7150	8450	5350					* 6450	4700
-5'	28'	* 27700	* 27700	* 35000	23400	25800	15700	18700	11700					* 14200	10400
-3.0 m	7.6 m	* 19250	* 19250	* 14900	10700	* 11300	7150							* 8200	5400
-10'	25'	* 42500	* 42500	* 32900	23600	* 24900	15700							* 18100	12000
-4.6 m	6.3 m	* 17100	* 17100	* 12600	10900	* 9250	7300							* 8800	7050
-15'	21'	* 37800	* 37800	* 27800	24100	* 20400	16200							* 19400	15500

*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
- ⊗: Rating at maximum reach

- Conditions:
- Boom length: 6150 mm 20' 2"
 - Bucket: None
 - Lifting mode: On

Arm: 3500 mm 11'6" Bucket: None Shoes: 850 mm 33.5" triple grouser Unit: kg lb

B	A	MAX	1.5 m 5'		3.0 m 10'		4.6 m 15'		6.1 m 20'		7.6 m 25'		9.1 m 30'		⊗ MAX	
			Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.6 m 25'	7.4 m 24'														* 4300	* 4300
6.1 m 20'	8.3 m 27'									* 6300	6000				* 4150	* 4150
4.6 m 15'	8.9 m 29'							* 7900	* 7900	* 7250	5900				* 4150	4150
3.0 m 10'	9.3 m 30'				* 11750	11750	* 9200	7850	* 7950	5700	* 5000	4350	* 4300	4300	* 9500	* 9500
1.5 m 5'	9.3 m 31'				* 14200	11150	* 10500	7500	8650	5500	* 5750	4300	* 4550	4150	* 9200	* 9200
0 m 0'	9.1 m 30'			* 8200	* 8200	* 15600	10700	* 11400	7200	8500	5350				* 5050	4250
-1.5 m -5'	8.7 m 28'	* 8150	* 8150	* 12500	* 12500	* 15850	10550	11650	7050	8400	5300				* 5850	4500
-3.0 m -10'	7.9 m 26'	* 18000	* 18000	* 27500	* 27500	* 34900	23200	25700	15600	18600	11600				* 12900	9900
-4.6 m -15'	6.6 m 22'			* 18100	* 18100	* 13150	10750	* 9800	7200						* 8650	6450
				* 39900	* 39900	* 29000	23700	* 21600	15900						* 19100	14300

*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
- Automatic engine warm-up system
- Automatic air conditioner/heater
- Auto idle
- Auto Idle Shutdown (programmable)
- Lever lock Auto-lock
- Auxiliary input (3.5 mm jack)
- Batteries, large capacity
- Battery disconnect switch
- Boom and arm holding valves
- Carrier rollers (2 each side)
- Converter, (2) x 12V
- Counterweight, 5200 kg **11,464 lb**
- Dry type air cleaner, double element
- Electric horn
- EMMS monitoring system
- Engine, Komatsu SAA6D107E-3
- Engine coolant to -25°C **-13°F**
- 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 5.0
- Large LCD color monitor, high resolution
- Lock lever
- Mirrors, (LH and RH)
- Operator Protective Top Guard (OPG), Level 1 (ISO 10262)
- Operator Identification System
- Pattern change valve (ISO to BH control)
- Power maximizing system
- PPC hydraulic control system
- Pump/engine room partition cover
- Radiator and oil cooler dustproof net
- Rear reflectors
- Rearview monitoring system (1 camera)
- Revolving frame deck guard
- Revolving frame undercovers
- ROPS cab (ISO 12117-2)
- Seat belt, retractable, 76 mm **3"**
- Seat belt indicator
- Secondary engine shutoff switch
- Service valve
- Shoes, triple grouser, 800 mm **31.5"**
- Skylight
- Slip resistant foot plates
- Starter motor, 5.5kW/24V x 1
- Suction fan
- Thermal and fan guards
- Track frame undercover
- Track frame Swivel guard
- Travel alarm
- Working lights, 2 (boom and RH front)
- Working mode selection system



OPTIONAL EQUIPMENT

- Arms
 - 3200 mm **10'6"** arm assembly
 - 3200 mm **10'6"** arm assembly with piping
 - 3500 mm **11'6"** arm assembly
 - 3500 mm **11'6"** arm assembly with piping
- Booms
 - 6150 mm **20'2"** boom assembly
 - 6150 mm **20'2"** boom assembly with piping
- Boom cylinders only
- Cab guards
 - Full front guard, OPG Level 1
 - Full front guard, OPG Level 2
 - Bolt-on top guard, OPG Level 2
 - Lower front window guard
- High pressure in-line hydraulic filters
- Hydraulic control unit, 1 actuator
- Proportional control handles
- Reinforced revolving frame with 5500 kg **12,125 lb** counterweight
- Revolving frame undercovers, heavy duty
- Shoes, triple grouser, 700 mm **28"**
- Shoes, triple grouser, 850 mm **33.5"**
- Sun visor
- Rain visor
- Straight travel pedal
- Track roller guards, full length
- Working light, front, two additional cab mounted



ATTACHMENT OPTIONS

- Grade control systems
- Hydraulic couplers
- Hydraulic kits, field installed
- Super long fronts
- Load hold, anti-burst valves
- PSM thumbs
- Rockland thumbs
- Vandalism protection guards with storage box

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

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