KOMATSU®

PC290LC-11

EPA Tier 4 Final Engine

Australia & New Zealand Specifications

HYDRAULIC EXCAVATOR

PC290LC

Photos may include optional equipment.

NET HORSEPOWER
147 kW / 196 HP @ 2050 rpm

OPERATING WEIGHT
29,800 – 31,210 kg

BUCKET CAPACITY
0.43 – 1.39 m^3

WALK-AROUND

PC290LC-11

Photos may include optional equipment.

NET HORSEPOWER
147 kW / 196 HP @ 2050 rpm

OPERATING WEIGHT
29,800 – 31,210 kg

BUCKET CAPACITY
0.43 – 1.39 m^3

PERFORMANCE & DURABILITY

New engine and hydraulic control technology improves operational efficiency and lowers fuel consumption by up to 9%.

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.

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

Komatsu Diesel Particulate Filter (KDPF) 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.

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

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

The **KOMTRAX®** telematics system is standard on Komatsu equipment with no subscription fees. Using the latest wireless technology, **KOMTRAX®** transmits valuable information such as location, utilisation, 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 colour monitor panel:

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

Rearview monitoring system (standard)

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

Enhanced working environment

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

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.

Lockable single pole battery isolation 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.

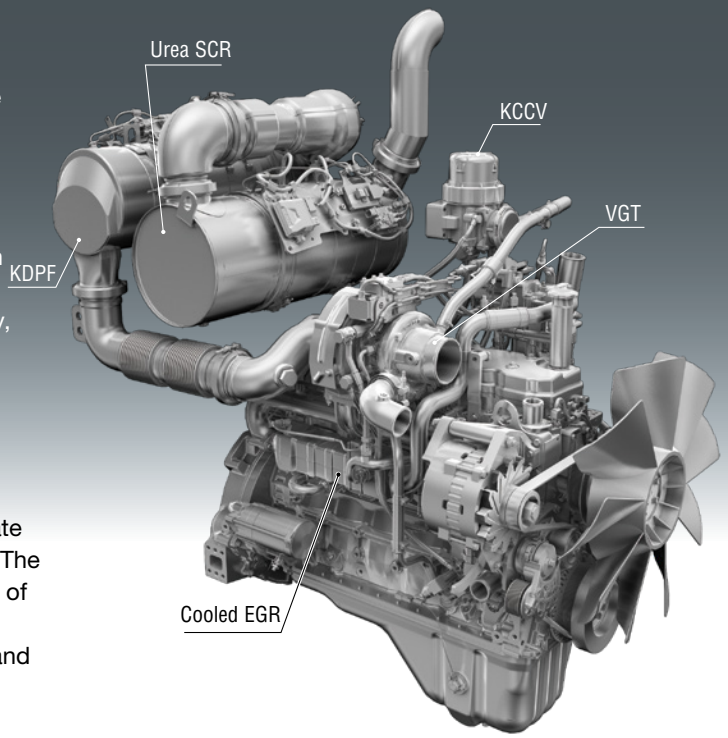
Operator Identification System can track machine operation for up to 100 operators.

PERFORMANCE FEATURES

KOMATSU NEW ENGINE TECHNOLOGIES

New Tier 4 Final Engine

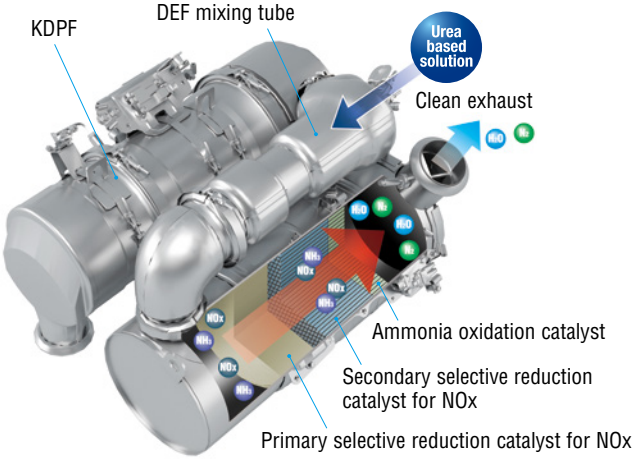
The Komatsu SAA6D107E-3 engine is EPA Tier 4 Final emissions certified and provides exceptional performance while reducing fuel consumption. Based on Komatsu proprietary technologies developed over many years, this new diesel engine reduces particulate matter (PM) and nitrogen oxides (NOx) by 90% when compared to Tier 3 levels. Through the in-house development and production of engines, electronics, and hydraulic components, Komatsu has achieved great advancements in technology, providing high levels of performance and efficiency in virtually all applications.



Technologies Applied to New Engine

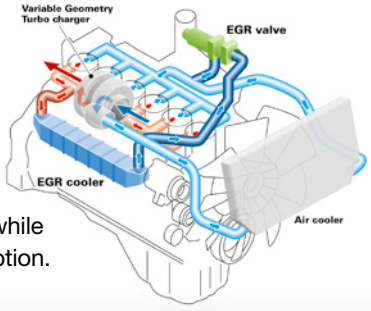
Heavy-duty aftertreatment system

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 vapour (H_2O) and nitrogen gas (N_2).



Heavy-duty cooled Exhaust Gas Recirculation (EGR) system

The system recirculates a portion of exhaust gas into the air intake and lowers combustion temperatures to reduce NOx emissions.
Furthermore, while EGR gas flow is increased, by incorporating a high-efficiency and compactly designed cooling system, the system achieves a dynamic reduction of NOx, while helping reduce fuel consumption.

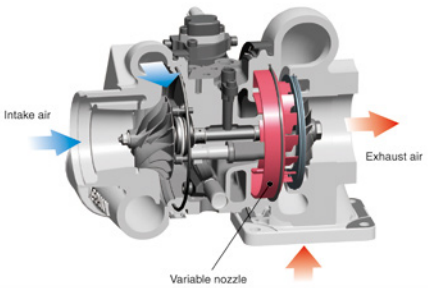


Advanced Electronic Control System

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.

Komatsu Variable Geometry Turbocharger (KVGT) system

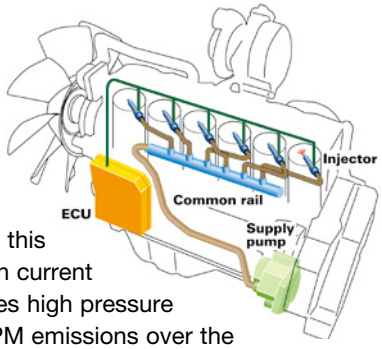
The VGT system features proven Komatsu designed hydraulic technology for variable control of air-flow and supplies optimal air according to load conditions. The upgraded version provides better exhaust temperature management.



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.

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 computerised 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.

PERFORMANCE FEATURES

Reduced Fuel Consumption

The PC290LC-11's new tier 4 final engine along with enhancements in the hydraulic system considerably decreases fuel consumption.

Fuel Consumption

Reduced by 9%

(vs PC270LC-8 Based on typical work pattern collected via KOMTRAX)

The fuel consumption data is the result compared actual measured value using the prototype machine. Actual fuel savings may vary depending on application and operating conditions.

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) (with Power Max.) **7% UP**

Maximum bucket digging force (ISO)

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

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

Built For Productivity

The PC290LC-11 has PC300 class undercarriage components and a heavier 5200kg 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.

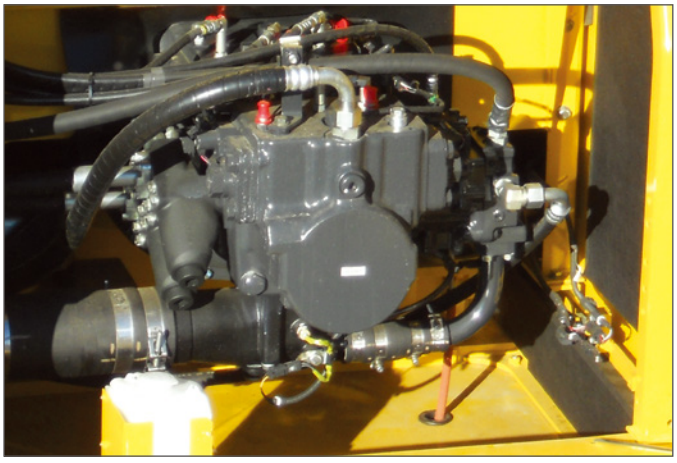
1. Longer Boom
2. Longer Standard Arm
3. Larger Boom, Arm, and Bucket Cylinders
4. Greater Swing Torque
5. Larger Final Drives
6. Larger Counterweight

Efficient Hydraulic System

The PC290LC-11 uses a Closed-centre Load Sensing System (CLSS) that improves fuel efficiency and provides quick response to the operator's demands. The PC290LC-11 also incorporates new technology to enhance the engine and hydraulic pump control. This total control system matches the engine and hydraulics at the most efficient point under any load condition. There have also been improvements in the main valve and hydraulic circuit to reduce hydraulic loss, resulting in higher efficient and lower fuel consumption.

Large Displacement High Efficiency Pump

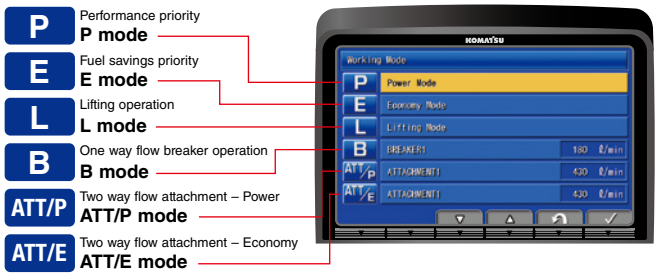
Large displacement hydraulic implement pumps provide high flow output at lower engine RPM as well as operation at the most efficient engine speed.



Working Mode Selection

The 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



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

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

Pressurised cab

Auxiliary input jack

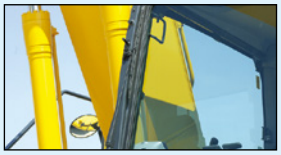
Connecting a regular audio device to the auxiliary jack allows the operator to hear the sound from the stereo speakers installed in the cab.

Standard Equipment

Sliding window glass (left side)

AM/FM stereo radio

Remote intermittent wiper with windshield washer



Emergency stop & level indicator

ISO Level 2 OPG

Magazine box & cup holder

Defroster (conforms to the ISO standard)

One-touch storable front window lower glass

WORKING ENVIRONMENT

LARGE HIGH RESOLUTION LCD MONITOR

New Monitor Panel Interface Design

An updated large high resolution LCD colour 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

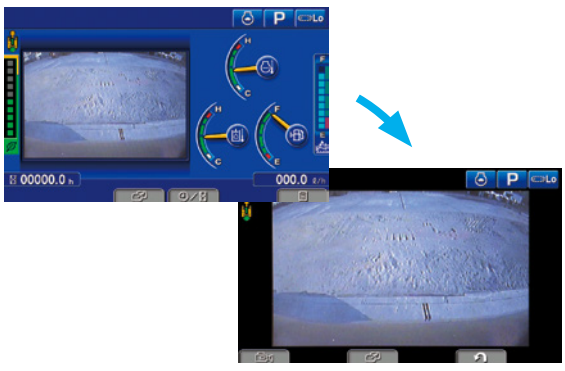
1. Auto-decelerator
2. Working mode
3. Travel speed
4. Ecology gauge
5. Camera display
6. Engine coolant temperature gauge
7. Hydraulic oil temperature gauge
8. Fuel gauge
9. DEF level gauge
10. Service metre, clock
11. Fuel consumption gauge
12. Guidance icon
13. Function switches
14. Camera direction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

Basic operation switches

1. Auto-decelerator
2. Working mode selector
3. Travel speed selector
4. Buzzer cancel
5. Wiper
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

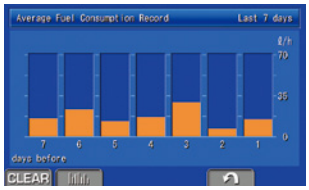
The monitor screen is provided with an ecology gauge and also a fuel consumption gauge which is displayed continuously. In addition, the operator can set any desired target value of fuel consumption (within the range of the green display), enabling the machine to be operated with better fuel economy.

Ecology gauge
Fuel consumption gauge
Ecology guidance

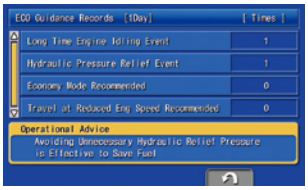
Operation record, fuel consumption history, and ecology guidance record

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

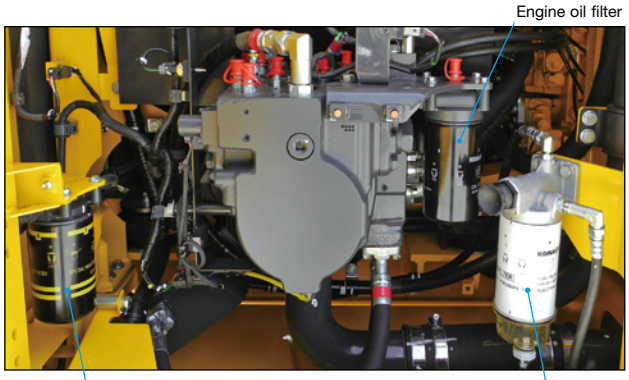
Operator Identification Function

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 analyse operation status by operator as well as by machine.

MAINTENANCE FEATURES

Centralised engine check points

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



Battery isolation switch

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

Easy to access air conditioner filter

Washable cab floormat

Sloping track frame

Utility space

Easy cleaning of coolers

Fuel pre-filter with water separator

High efficiency fuel filter

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

Long-life oils, filters

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

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 Stationary Regeneration

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

Soot level indicator

Aftertreatment device regeneration screen

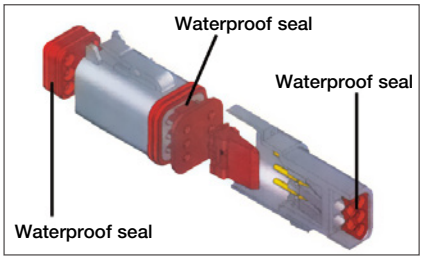
Supports the DEF level and refill timing

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

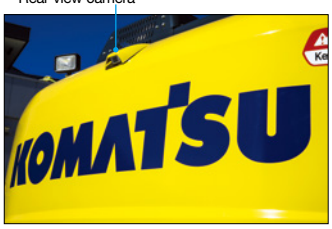
ROPS Cab (ISO 12117-2)

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.

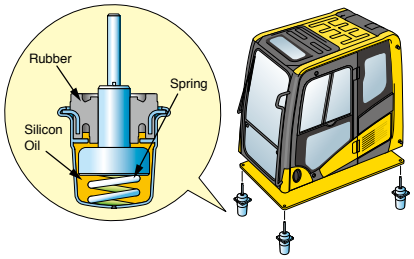
Rear view camera



Rear view image on monitor

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

KALSS
AUSTRALIAN STANDARD SPECIFICATION

Rotating Amber Beacon
Fitted with factory guard.

Level Indicator, Overload Alarm & Anti-Burst Valves
Enable safety and compliance when lifting suspended loads.

Additional Lighting
Extra lighting on cab and counterweight for improved visibility.

Proportional Hand Controls
Enables proportional hand control of attachment speed.

Higher Capacity Air Conditioner
With increased cool down performance.

Rock Guard
Reinforced steel plate and ribs to provide additional protection of arm structure.

Bump Rails
For upper protection when slewing.

Factory Fitted Quick Hitch and Hammer Piping
Enables use with a greater variety of attachments. Also fitted with provision for tilt circuit including valve.

Revolving Frame Under Covers
Protects and prevents ingress of material into engine bay.

Lower Front Window Guard
Protects cabin windscreen against rocks and debris.

Battery Isolation
Single pole, lockable Bosch-type battery isolation.

E-Stops
Allow compliance to site safety requirements.

Bolt-on Top Guard
OPG level 2 (ISO 10262) for falling object protection.

SPECIFICATIONS

PC290LC-11

ENGINE

Model ..... Komatsu SAA6D107E-3*
Type ..... Water-cooled, 4-cycle, direct injection
Aspiration ..... 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 in^3

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-centre 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 ..... **490 ltr/min** 129.4 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 kgf/cm²** 5,400 psi
Travel circuit ..... **37.3 MPa 380 kgf/cm²** 5,400 psi
Swing circuit ..... **28.9 MPa 295 kgf/cm²** 4,190 psi
Pilot circuit ..... **3.2 MPa 33 kgf/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 (auto-shift):
High ..... **5.5 km/h** 3.4 mph
Mid ..... **4.1 km/h** 2.5 mph
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

Centre 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

OPERATING WEIGHT (APPROXIMATE)

Operating weight includes **6150 mm** one-piece HD boom, **3200 mm** HD arm, rated capacity of lubricants, coolant, full fuel tank, operator, standard equipment, KGA dual lock quick hitch, and SAE heaped **1.39 m^3** bucket.

Triple-Grouser Shoes	Operating Weight	Ground Pressure
600 mm	30,330 kg	0.58 kg/cm²
700 mm	30,730 kg	0.50 kg/cm²
800 mm	31,130 kg	0.45 kg/cm²

Component Weights

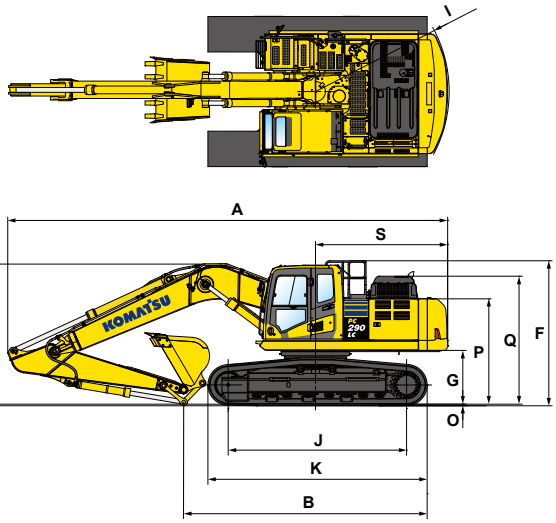
Arm including bucket cylinder and linkage
2500 mm HD arm assembly ..... **1410 kg** 3,108 lb
3200 mm HD arm assembly ..... **1470 kg** 3,240 lb
3500 mm HD arm assembly ..... **1550 kg** 3,417 lb

One piece HD boom including arm cylinder
6150 mm boom asssembly ..... **2448 kg** 5,397 lb
Boom cylinders x 2 ..... **231 kg** 509 lb
Counterweight (standard) ..... **5200 kg** 11,464 lb

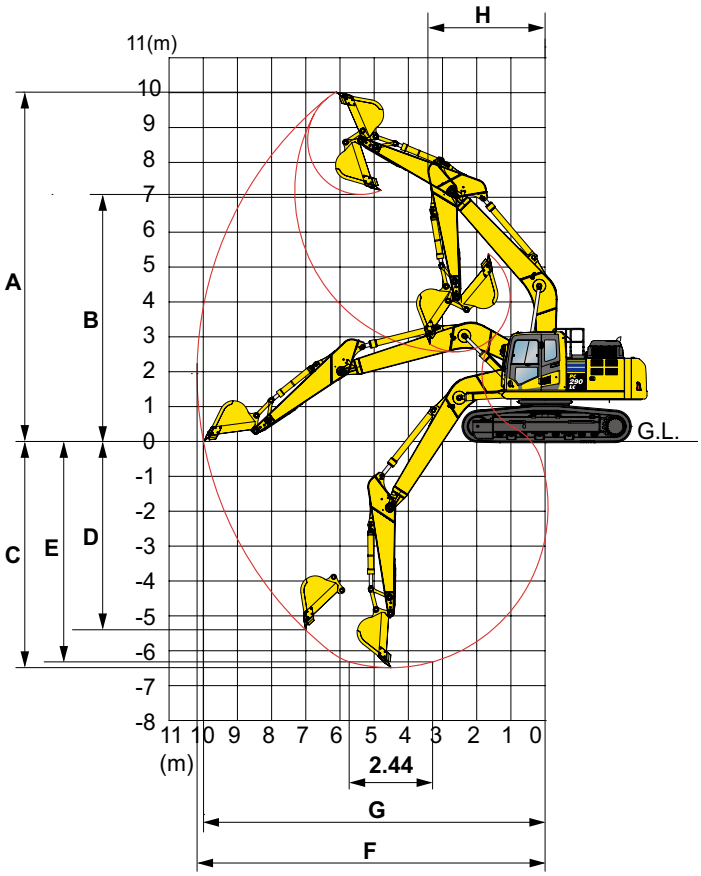
DIMENSIONS

	Arm Length	3200 mm	2500 mm	3500 mm
A	Overall length	10265 mm	10317 mm	10275 mm
B	Length on ground (transport)	5770 mm	6628 mm	5495 mm
C	Overall height (to top of boom)*	3295 mm	3367 mm	3375 mm
D	Overall width	3190 mm		
E	Overall height (to top of cab)*	3180 mm		
F	Overall height (to top of handrail)*	3275 mm		
G	Ground clearance, counterweight	1215 mm		
H	Ground clearance, minimum	495 mm		
I	Tail swing radius	3020 mm		
J	Track length on ground	4030 mm		
K	Track length	4955 mm		
L	Track gauge	2590 mm		
M	Width of crawler	3190 mm		
N	Shoe width	600 mm		
O	Grouser height	36 mm		
P	Machine height to top of counterweight	2380 mm		
Q	Machine height to top of engine cover	2895 mm		
R	Machine upper width	2850 mm		
S	Distance, swing centre to rear end	2985 mm		

* : Including grouser height



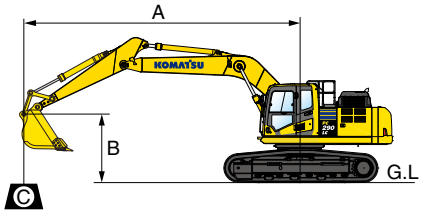
WORKING RANGE



	Arm Length	3200 mm	2500 mm	3500 mm
A	Max. digging height	10300 mm	9840 mm	10355 mm
B	Max. dumping height	7375 mm	6972 mm	7435 mm
C	Max. digging depth	6910 mm	6208 mm	7220 mm
D	Max. vertical wall digging depth	5790 mm	4314 mm	5850 mm
E	Max. digging depth for 8' level bottom	6750 mm	6008 mm	7070 mm
F	Max. digging reach	10710 mm	9957 mm	10890 mm
G	Max. digging reach at ground level	10450 mm	9763 mm	10715 mm
H	Min. swing radius	3680 mm	3722 mm	3740 mm
SAE rating	Bucket digging force at power max.	176 kN 17900 kg	176 kN 17900 kg	176 kN 17900 kg
SAE rating	Arm crowd force at power max.	129 kN 13100 kg	165 kN 16800 kg	121 kN 12400 kg
ISO rating	Bucket digging force at power max.	198 kN 20200 kg	198 kN 20200 kg	198 kN 20200 kg
ISO rating	Arm crowd force at power max.	133 kN 13600 kg	170 kN 17300 kg	125 kN 12800 kg

LIFT CAPACITIES

LIFTING CAPACITY WITH LIFTING MODE



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

Conditions:
- Boom length: 6150 mm
- Arm length: 3200 mm
- Shoes: 600 triple grouser
- Bucket: 808 kg

Unit: kg

A / B	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		⊗ MAX	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
6.0 m									*5600	5300	*3400	*3400
4.5 m							*7150	*7150	*6350	5150	*3450	*3450
3.0 m			*8850	*8850	*11100	*11100	*8400	7100	*7150	4950	*3650	3500
1.5 m					*13800	10400	*9750	6700	7550	4750	*3950	3350
0 m			*8150	*8150	*15100	9900	10500	6400	7350	4550	*4550	3400
-1.5 m	*8250	*8250	*9750	*9750	*15200	9700	10350	6250	7250	4450	*5550	3700
-3.0 m	*10700	*10700	*16500	*16500	*14550	9750	10300	6200	7250	4450	6950	4250
-4.5 m			*17800	*17800	*12800	9950	*9450	6350			*8100	5650

*Load is limited by hydraulic capacity rather than tipping. Ratings are based on SAE standard No. J1097.
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 A, 24 V
- AM/FM radio
- Arm, 3200 mm
- Auto idle
- Auto idle shut down
- Automatic air conditioner, large capacity
- Automatic engine warm-up system
- Auxiliary input (3.5 mm jack)
- Batteries, large capacity
- Battery isolation switch, lockable
- Boom, 6150 mm
- Boom and arm burst valve protection
- Bump rails
- Cab guards
  - Lower front window guard
  - Integrated top guard, OPG Level 1
  - Bolt on top guard, OPG Level 2
- Carrier rollers, (2 each side)
- Converter, (2) x 12 V
- Counterweight, 5200 kg
- Dry type air cleaner, double element
- Dual flow hammer piping
- Electric horn
- Emergency stops (3)
- EMMS monitoring system
- Engine, Komatsu SAA6D107E-E
- Fan guard structure
- Fuel system pre-filter 10 micron
- High back air suspension seat, with heat
- High pressure in-line hydraulic filters
- Hydraulic track adjusters
- Hydraumind closed centre load sensing system
- KOMTRAX Level 5.0
- Large LCD colour monitor, high resolution
- Level indicator
- Lock lever
- Lock lever, auto-lock
- Mirrors (LH, RH & sidewise)
- Operator identification system
- Overload alarm
- Power maximising system
- PPC hydraulic control system
- Proportional control handles
- Provision for tilt circuit, including valve
- Pump/engine room partition cover
- Quick hitch piping with safety switch and alarm
- Radiator and oil cooler dustproof net
- Rear reflectors
- Rearview monitoring system (1 camera)
- Revolving frame undercovers
- ROPS cab (ISO 12117-2) with vandal guard provisions
- Rotating beacon with guard
- Seat belt indicator
- Seat belt, retractable, 78 mm
- Secondary engine shutdown switch
- Side by side coolers
- Slip resistant foot plates
- Starter motor, 5.5 kW/24 V x 1
- Suction fan
- Thermal and fan guards
- Track frame swivel guard
- Track roller guides, 3 each side
- Track rollers, 8 each side
- Track shoes, triple grouser, 600 mm
- Travel alarm
- Working lights
  - 1 x boom
  - 1 x RH
  - 3 x cab
  - 1 x counterweight
- Working mode selection system

OPTIONAL EQUIPMENT

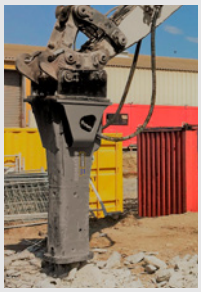
- Arm, 2500 mm
- Arm, 3500 mm
- Autogrease system
- Battery isolation switch, dual pole, lockable
- Belly plates, 8 mm
- Cab guard
  - Full front guard, OPG Level 2
- Cab vandal guard set
- Canvas seat cover
- Fire extinguisher, 1.5 kg
- Fire extinguisher, 4.5 kg
- Fire extinguisher, 9 kg
- Fuel cap vandal guard
- Jump start receptacle
- Radio, multimedia system
- Radio, UHF
- Starter circuit isolation, lockable
- Track roller guards, full length
- Track shoes, triple grouser, 700 mm
- Track shoes, triple grouser, 800 mm
- Turbo timer
- Window tinting

ATTACHMENT OPTIONS

- Bucket, general purpose, KGA 600 mm, 0.43 m^3
- Bucket, general purpose, KGA 900 mm, 0.75 m^3
- Bucket, general purpose, KGA 1200 mm, 1.08 m^3
- Bucket, general purpose, KGA 1500 mm, 1.39 m^3
- Bucket, slope finishing, KGA 2000 mm, 1.64 m^3
- Quick hitch, KGA, dual lock
- Quick hitch, KGA, dual lock, tilting
- Ripper, KGA, single tyne

COMING SOON

KOMATSU JMHB230V-1 Hydraulic Breaker



Model Type		JMHB230V-1
Working weight	kg	1,450
Oil flow (min - max)	ℓ /min	120 - 170
Operating pressure (max)	MPa	135
Impact rate	bpm	285 - 1,050
Chisel diameter	mm	122
Acceptable back pressure	bar	8
Base machine (min - max)	Ton	18 - 30

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

PC290LC-11

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