

KOMATSU®

PC200-8 PC200LC-8

FLYWHEEL HORSEPOWER

110 kW **148 HP** @ 2000 rpm

OPERATING WEIGHT

PC200-8: 19750–20010 kg

43,540–44,110 lb

PC200LC-8: 20900–21437 kg

46,080–47,260 lb

PC
200
LC

HYDRAULIC EXCAVATOR



Photo may include optional equipment.

WALK-AROUND

Ecology and Economy Features

- ***Low fuel consumption by total control of the engine, hydraulic and electronic system***

Reduces fuel consumption by approx. 10%.
(Compared with the PC200LC-7).

- ***Low emission engine***

A powerful, turbocharged and air-to-air aftercooled Komatsu SAA6D107E-1 provides 110 kW **148 HP**. This engine is EPA Tier 3 and EU stage 3A emissions regulations ready, without sacrificing power or machine productivity.

- Economy mode improves fuel consumption
- Eco-gauge for energy-saving operations
- Extended idling caution for fuel conservation

- ***Low operation noise***

The dynamic noise is lowered by 2 dB compared with the PC200LC-7, realizing a low noise operation.

Safety Design

- Innovative cab design that protects the operator where risk of tip or roll-over exists
- Slip resistant plates for improving foot grip
- Safety enhancement with large side-view, sidewise, and rear mirrors added
- Rear view monitoring system for observation behind the machine (Optional)
- OPG top guard level 2 capable with optional bolt-on top guard



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



Large TFT LCD monitor

- Easy-to-view and use 7" large multi-color monitor
- Can be displayed in 10 languages for global support

TFT : Thin Film Transistor
LCD : Liquid Crystal Display

Large Comfortable Cab

- Exceptionally low-noise cab
- Low vibration with cab damper mounting
- Highly pressurized cab with auto air conditioner
- Operator seat and console with armrest that enables operations in the appropriate operational posture

Easy Maintenance

- Extended replacement interval of engine oil, engine oil filter, and hydraulic filter
- Remote mounted engine oil filter and fuel drain valve for easy access
- Equipped with a 10 micron fuel pre-filter as standard (with water separator)
- Side-by-side cooling concept enables individual cooling modules to be serviced
- Equipped with the EMMS monitoring system
- Equipped with KOMTRAX

FLYWHEEL HORSEPOWER

110 kW 148 HP @ 2000 rpm

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43,540 – 44,110 lb

PC200LC-8: 20900 – 21437 kg

46,080 – 47,260 lb

BUCKET CAPACITY

0.50 – 1.20 m³

0.66 – 1.57 yd³



Photo may include optional equipment.

GALEO

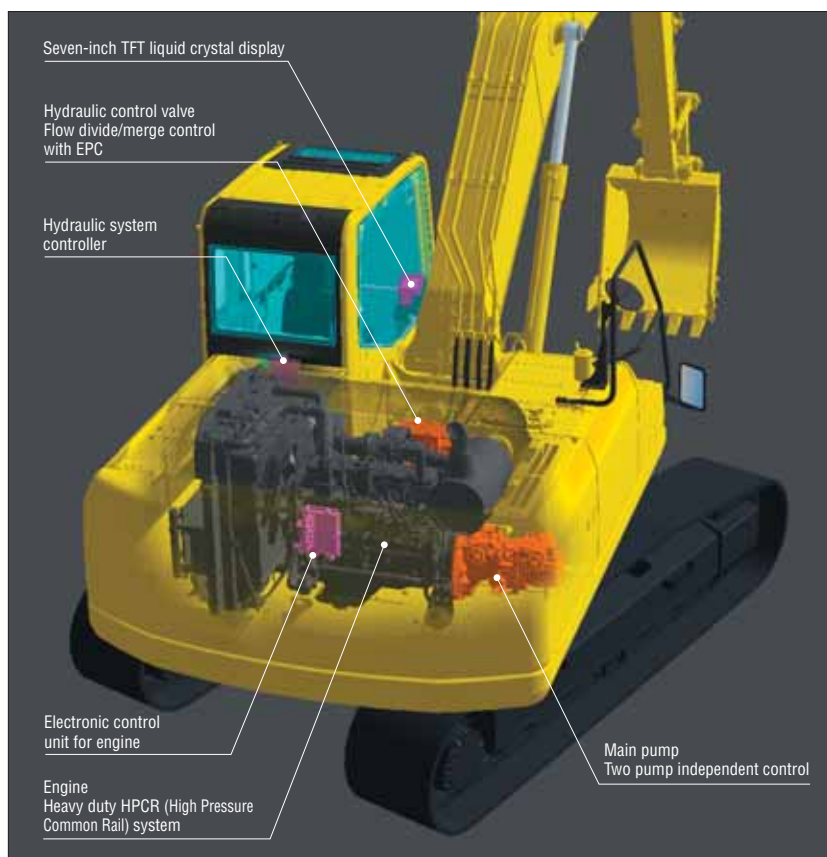
Komatsu's highly productive, innovative technology, environmentally friendly machines built for the 21st century.

PRODUCTIVITY FEATURES

ecot3

ecology & economy - technology 3

Komatsu's new "ecot3" engines are designed to deliver optimum performance under the toughest of conditions, while meeting the latest environmental regulations. This engine is Tier 3 EPA, EU Stage 3A ready "ecot3" - ecology and economy combined with Komatsu technology to create a high performance engine without sacrificing power or productivity.



Low Fuel Consumption

The newly-developed Komatsu SAA6D107E-1 [ecot3] engine enables NOx emissions to be significantly reduced with the accurate multi-staged fuel injection by the engine controller. It improves total engine durability using the high-pressure fuel injection system developed specifically for construction machinery. This excavator significantly reduces hourly fuel consumption using the highly-efficient matching techniques of the engine and hydraulic unit and also provides features that promote energy-saving operations such as the E mode and Eco-gauge.

Fuel consumption **10% reduced**

Compared with the PC200LC-7 at P mode and 100% working efficiency.

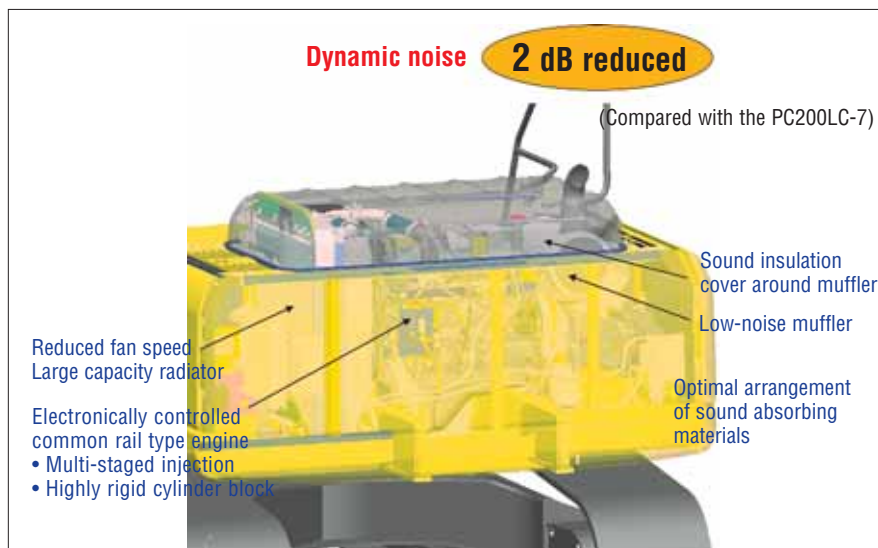
Low Emission Engine

Komatsu SAA6D107E-1 is ready for EPA, Tier 3 and EU stage 3A emissions regulations, NOx emission are reduced by 29% compared with the PC200LC-7.



Low Operational Noise

Enables low noise operation using the low-noise emitting engine and methods to reduce the noise at source.



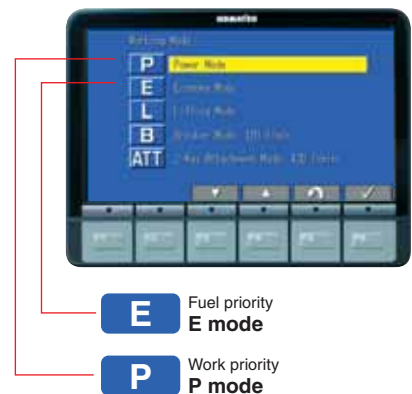
Working Modes Selectable

Two established work modes are further improved.

P mode – Power or work priority mode has improved fuel consumption, while maintaining fast equipment speed and maximum production and power are maintained.

E mode – Economy or fuel priority mode further reduces fuel consumption, but maintains the P-mode-like working equipment speed for light duty work.

You can select Power or Economy modes using a one-touch operation on the monitor panel depending on work loads.



Eco-gauge that Assists Energy-saving Operations

Equipped with the Eco-gauge that can be recognized at glance on the right of the multi-monitor for environment-friendly energy-saving operations.

Allows the operator to maintain work in the green zone and reduce fuel consumption.

Idling Caution

To prevent unnecessary fuel consumption, an idling caution can be displayed on the monitor, if the engine idles for 5 minutes or more.



Eco-gauge

WORKING ENVIRONMENT

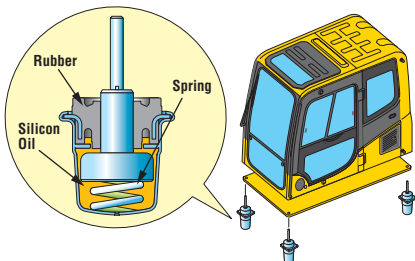


Low Cab Noise

The newly-designed cab is highly rigid and has excellent sound absorption ability. Through improvement of noise source reduction and use of low noise engine, hydraulic equipment, and air conditioner allows this machine to generate a low level of noise similar to that of a modern automobile.

Low Vibration with Cab Damper Mounting

PC200LC-8 uses multi-layer viscous mount system that incorporates a longer stroke and the addition of a spring. The new cab damper mounting combined with high rigidity deck aids vibration reduction at operator seat.



Wide Newly-designed Cab

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

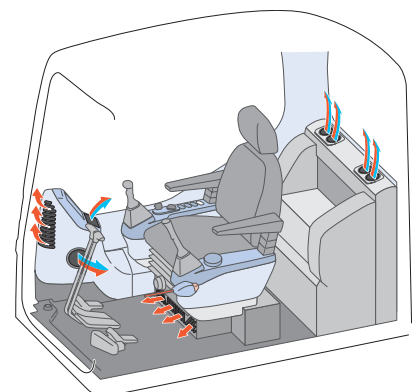


Pressurized Cab

Automatic air conditioner, air filter and a higher internal air pressure (+6.0 mm Aq +0.2" Aq) prevent external dust from entering the cab.

Automatic Air Conditioner

Enables you to easily and precisely set cab atmosphere with the instruments on the large LCD. The bi-level control function keeps the operator's head and feet cool and warm respectively. This improved air flow function keeps the inside of the cab comfortable throughout the year. Defroster function keeps the cab glass clear.



Large LCD Color Monitor

Large multi-lingual LCD Monitor

A large user-friendly color monitor enables accurate and smooth work. Improved screen visibility is achieved by use of TFT liquid crystal display that can easily be read at various angles and lighting conditions. Simple and easy to operate switches. Industry first function keys facilitate multi-function operations. Displays data in 10 languages to globally support operators around the world.

Indicators

- | | |
|----------------------------------|-----------------------------------|
| 1 Auto-decelerator | 5 Hydraulic oil temperature gauge |
| 2 Working mode | 6 Fuel gauge |
| 3 Travel speed | 7 Eco-gauge |
| 4 Engine water temperature gauge | 8 Function switches menu |

Basic operation switches

- | | |
|--------------------------|---------------------|
| 1 Auto-decelerator | 4 Buzzer cancel |
| 2 Working mode selector | 5 Wiper |
| 3 Travel speed selection | 6 Windshield washer |



Mode Selection

The multi-Function color monitor has Power mode, Economy mode, Lifting mode, Breaker mode and Attachment mode.

Working Mode	Application	Advantage
P	Power mode	- Maximum production/power - Fast cycle time
E	Economy mode	Excellent fuel economy
L	Lifting mode	Hydraulic pressure is increased by 7%
B	Breaker operation	Optimum engine rpm, hydraulic flow, 1 way
ATT	Attachment mode	Optimum engine rpm, hydraulic flow, 2 way

Lifting mode

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

EMMS (Equipment Management Monitoring System)

Monitor Function

Controller monitors engine oil level, coolant temperature, battery charge and air filter clogging, etc. If controller finds any abnormality, it is displayed on the LCD.



Maintenance Function

Monitor informs replacement time of oil and filters on LCD when the replacement interval is reached.

Trouble Data Memory Function

Monitor stores abnormalities for effective troubleshooting.



SAFETY FEATURES

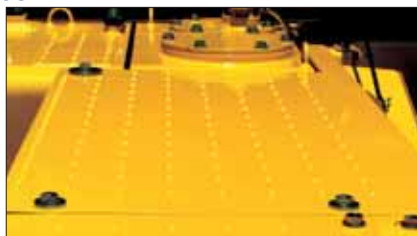
New Cab Design for Hydraulic Excavators

The cab is designed specifically for hydraulic excavators and gains reinforced strength from the pipe-structured cab framework. The cab framework provides the high durability and impact resistance with very high impact absorbency. The seat belt keeps the operator in the safety of the cab in the event of a rollover.



Slip Resistant Plates

Highly durable slip resistant plates maintain superior foot traction performance for the long term.



Skylight

Skylight with window can be opened to improve overhead visibility.



Skylight

Lock Lever

Makes all hydraulic cab controls inoperable. Neutral start function only allows machine to be started in lock position.



Large Side-View, Rear, and Sidewise Mirrors

Enlarged left-side mirror and the addition of rear and side mirrors allow the PC200LC-8 to meet new one-meter boundary ISO visibility requirements.



Pump/engine Room Partition

Pump/engine room partition prevents oil from spraying on the engine if a hydraulic hose should burst.

Thermal and Fan Guards

Thermal and fan guards are placed around high-temperature parts of the engine and fan drive.



MAINTENANCE FEATURES

Side-by-Side Cooling Modules

Since radiator, aftercooler and oil cooler are arranged in parallel, it is easy to clean, remove and install them. Radiator, aftercooler, and oil coolers made of aluminum have a high cooling efficiency and are easily recycled.



Equipped with the Fuel Pre-filter (with Water Separator)

Removes water and contaminants in the fuel to prevent fuel problems. (With built-in priming pump)



Washable Cab Floor Mat

The PC200LC-8's cab floor mat is easy to keep clean. The gently inclined surface has a flanged floor mat and drainage holes to facilitate runoff.



Easy Access to Engine Oil Filter and Fuel Drain Valve

Engine oil filter and fuel drain valve are remote mounted to improve accessibility.



Equipped with the Eco-Drain Valve as Standard

Provides for easier and cleaner engine oil changes.

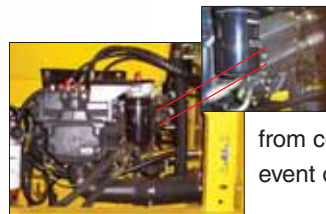


Large-Capacity Fuel Tank with Rustproof Treatment

400-liter (106 U.S. gal) high-capacity fuel tank. Effective corrosion resistance using rustproof treatment.

Sloping Track Frame

Prevents dirt and sand from accumulating and allows easy mud removal.



Gas Assisted Engine Hood Damper Cylinders

The engine hood can be easily opened and closed with the assistance of the gas assisted engine hood damper cylinders.



Long-life Oil, Filter

Uses high-performance filtering materials and long-life oil. Extends the oil and filter replacement interval.



Hydraulic oil filter (Eco-white element)

Engine oil & Engine oil filter every **500** hours

Hydraulic oil every **5000** hours

Hydraulic oil filter every **1000** hours

Air Conditioner Filter

The air conditioner filter is removed and installed without the use of tools facilitating filter maintenance.



Internal air conditioner filter



External air conditioner filter

High-Pressure In-Line Filter

The PC200LC-8 has high pressure in-line filters installed at the pump discharge ports. This protects the hydraulic system from contamination due to the unlikely event of a pump failure.

Extended Work Equipment Greasing Interval

High quality BMRC bushings and resin shims are installed in the work equipment excluding bucket, extending greasing interval to 500 hours.

SPECIFICATIONS



ENGINE

Model Komatsu SAA6D107E-1
 Type Water-cooled, 4-cycle, direct injection
 Aspiration Turbocharged and aftercooled
 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 116 kW **155 HP**
 ISO 9249/SAE J1349 Net 110 kW **148 HP**
 Rated rpm 2000 rpm
 Fan drive type Mechanical
 Governor All-speed, electronic
 EPA Tier 3 emissions ready.



HYDRAULIC SYSTEM

Type HydrauMind
 (Hydraulic Mechanical Intelligence New Design)
 closed-center system with load sensing
 valves and pressure compensated valves
 Number of selectable working modes 5
 Main pump:
 Type Variable displacement piston type
 Pumps for Boom, arm, bucket, swing, and travel circuits
 Maximum flow 439 ltr/min **116 U.S. 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 – 130 mm x 1334 mm x 90 mm **5.1" x 52.5" x 3.5"**
 Arm 1 – 135 mm x 1490 mm x 95 mm **5.3" x 58.7" x 3.7"**
 Bucket 1-115 mm x 1120 mm x 80 mm **4.5" x 44.1" x 3.2"**



DRIVES AND BRAKES

Steering control Two levers with pedals
 Drive method Hydrostatic
 Maximum drawbar pull 178 kN 18200 kg **40,120 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**
 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 12.4 rpm
 Swing torque 6900 kg•m **49,907 ft. lbs.**



UNDERCARRIAGE

Center frame X-frame
 Track frame Box-section
 Track type Sealed track
 Track adjuster Hydraulic
 No. of shoes
 PC200-8 45 each side
 PC200LC-8 49 each side
 No. of carrier rollers 2 each side
 No. of track rollers
 PC200-8 7 each side
 PC200LC-8 9 each side



COOLANT AND LUBRICANT CAPACITY (REFILLING)

Fuel tank 400 ltr **105.7 U.S. gal**
 Coolant 20.4 ltr **5.4 U.S. gal**
 Engine 23.1 ltr **6.1 U.S. gal**
 Final drive, each side 3.3 ltr **0.9 U.S. gal**
 Swing drive 6.6 ltr **1.7 U.S. gal**
 Hydraulic tank 135 ltr **35.7 U.S. gal**



OPERATING WEIGHT (APPROXIMATE)

Operating weight, including 5700 mm **18'8"** one-piece boom, 2925 mm **9'7"** arm, SAE heaped 1.02 m³ **1.34 yd³** bucket, rated capacity of lubricants, coolant, full fuel tank, operator, and standard equipment.

Triple Grouser Shoes	PC200-8		PC200LC-8	
	Operating Weight	Ground Pressure	Operating Weight	Ground Pressure
700 mm 28"	19750 kg 43,540 lb	0.40 kg/cm² 5.69 psi	21157 kg 46,643 lb	0.43 kg/cm² 5.48 psi
800 mm 31.5"	20010 kg 44,110 lb	0.35 kg/cm² 4.98 psi	21437 kg 47,260 lb	0.38 kg/cm² 4.86 psi



WORKING FORCES

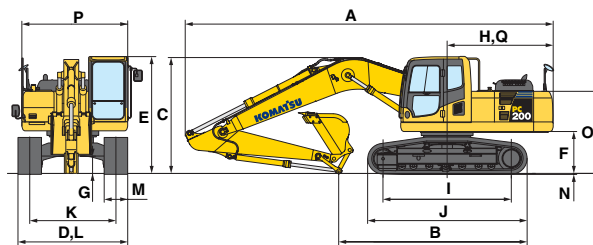
	Arm	2410 mm 7'11"	2925 mm 9'7"
SAE rating	Bucket digging force at power max.	138 kN 14100 kgf/31,080 lb	138 kN 14100 kgf/31,080 lb
	Arm crowd force at power max.	124 kN 12600 kgf/27,780 lb	101 kN 10300 kgf/22,710 lb
ISO rating	Bucket digging force at power max.	149 kN 15200 kgf/33,510 lb	149 kN 15200 kgf/33,510 lb
	Arm crowd force at power max.	127 kN 13000 kgf/28,660 lb	108 kN 11000 kgf/24,250 lb



DIMENSIONS

	Arm Length	2410 mm	7'11"	2925 mm	9'7"
A	Overall length	9495 mm	31'2"	9425 mm	30'11"
B	Length on ground (transport): PC200-8 PC200LC-8	5700 mm	18'8"	4815 mm	15'10"
		5885 mm	19'4"	5000 mm	16'5"
C	Overall height (to top of boom)	3190 mm	10'6"	2970 mm	9'9"

		PC200-8	PC200LC-8
D	Overall width	3000 mm	3180 mm
E	Overall height (to top of cab)	3040 mm	3040 mm
F	Ground clearance, counterweight	1085 mm	1085 mm
G	Ground clearance (minimum)	440 mm	440 mm
H	Tail swing radius	2750 mm	2750 mm
I	Track length on ground	3275 mm	3665 mm
J	Track length	4070 mm	4450 mm
K	Track gauge	2200 mm	2380 mm
L	Width of crawler	3000 mm	3180 mm
M	Shoe width	800 mm	800 mm
N	Grouser height	25 mm	25 mm
O	Machine cab height	2095 mm	2095 mm
P	Machine cab width	2710 mm	2710 mm
Q	Distance, swing center to rear end	2710 mm	2710 mm



BACKHOE BUCKET, ARM, AND BOOM COMBINATION

Bucket Type	Bucket				Arms		
	Capacity	OLW	Weight		2410 mm 7'11"	2925 mm 9'7"	3900 mm 12'9"
Komatsu GSK	0.50 m ³	0.66 yd ³	610 mm 24"	538 kg 1,187 lb	V	V	V
	0.67 m ³	0.88 yd ³	762 mm 30"	661 kg 1,457 lb	V	V	V
	0.85 m ³	1.11 yd ³	914 mm 36"	753 kg 1,659 lb	V	V	X
	1.02 m ³	1.34 yd ³	1067 mm 42"	822 kg 1,812 lb	W	X	Y
	1.20 m ³	1.57 yd ³	1219 mm 48"	921 kg 2,030 lb	X	Y	Z
Komatsu HP	0.50 m ³	0.66 yd ³	610 mm 24"	652 kg 1,437 lb	V	V	V
	0.67 m ³	0.88 yd ³	762 mm 30"	763 kg 1,681 lb	V	V	W
	0.85 m ³	1.11 yd ³	914 mm 36"	868 kg 1,913 lb	V	W	X
	1.02 m ³	1.34 yd ³	1067 mm 42"	950 kg 2,095 lb	W	X	Z
	1.20 m ³	1.57 yd ³	1219 mm 48"	1066 kg 2,349 lb	Y	Y	Z
Komatsu HPS	0.50 m ³	0.66 yd ³	610 mm 24"	724 kg 1,597 lb	V	V	V
	0.67 m ³	0.88 yd ³	762 mm 30"	840 kg 1,851 lb	V	V	W
	0.85 m ³	1.11 yd ³	914 mm 36"	962 kg 2,120 lb	V	W	Y
	1.02 m ³	1.34 yd ³	1067 mm 42"	1061 kg 2,339 lb	X	X	Z
	1.20 m ³	1.57 yd ³	1219 mm 48"	1193 kg 2,630 lb	Y	Y	Z
Komatsu HPX	0.50 m ³	0.66 yd ³	610 mm 24"	824 kg 1,817 lb	V	V	V
	0.67 m ³	0.88 yd ³	762 mm 30"	939 kg 2,071 lb	V	V	W
	0.85 m ³	1.11 yd ³	914 mm 36"	1061 kg 2,340 lb	W	W	Y
	1.02 m ³	1.34 yd ³	1067 mm 42"	1161 kg 2,559 lb	X	Y	Z
	1.20 m ³	1.57 yd ³	1219 mm 48"	1293 kg 2,850 lb	Y	Z	Z

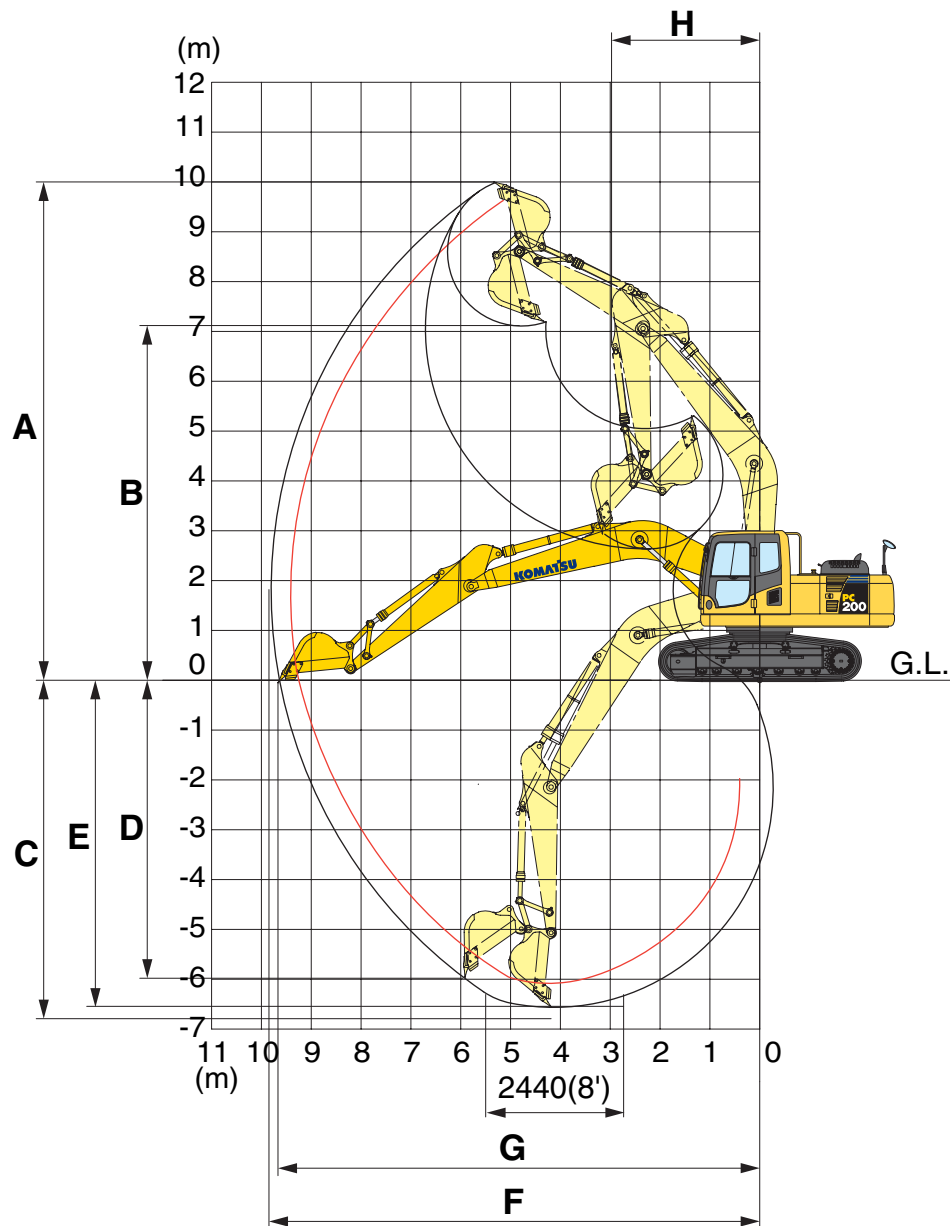
V – Used with weights up to 3,500 lb/yd³, W – Used with weights up to 3,000 lb/yd³

X – Used with weights up to 2,500 lb/yd³, Y – Used with weights up to 2,000 lb/yd³, Z – Not useable

WORKING RANGES



WORKING RANGE

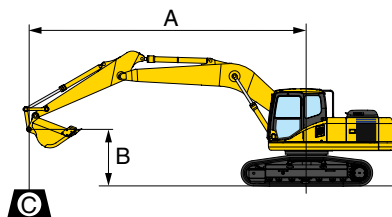


	Arm	2410 mm	7'11"	2925 mm	9'7"
A	Max. digging height	9800 mm	32'2"	10000 mm	32'10"
B	Max. dumping height	6890 mm	22'7"	7110 mm	23'4"
C	Max. digging depth	6095 mm	20'0"	6620 mm	21'9"
D	Max. vertical wall digging depth	5430 mm	17'10"	5980 mm	19'7"
E	Max. digging depth of cut for 8' level	5780 mm	19'0"	6370 mm	20'11"
F	Max. digging reach	9380 mm	30'9"	9875 mm	32'5"
G	Max. digging reach at ground level	9190 mm	30'2"	9700 mm	31'10"
H	Min. swing radius	3090 mm	10'2"	3040 mm	10'0"

LIFTING CAPACITIES



LIFTING CAPACITY



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:

- Shoe: 800 mm **28"**
- Boom length 5700 mm **18'8"**
- Bucket 0.8 m³ **1.05 yd³** (SAE heaped)
 –Bucket weight: 635 kg **1,400 lb.**
- Lifting mode: On

PC200-8 Arm: 2410 mm 7'11"												Unit: kg/lb
B	A	1.5 m 5'		3.0 m 10'		4.6 m 15'		6.1 m 20'		7.6 m 25'		☉ MAX
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf Cs
7.6 m 25'												*4550 4500 *10,000 10,000
6.1 m 20'								5950 13,200	4050 8,900			*4250 3150 *9,450 7,000
4.6 m 15'						*7600 16,800	6300 13,950	5800 12,850	3900 8,600	3900 8,650	2600 5,700	3850 5,550 2550 5,650
3.0 m 10'						8950 19,800	5750 12,750	5550 12,300	3650 8,100	3850 8,450	2500 5,550	3500 7,700 2250 5,000
1.5 m 5'						8400 18,550	5300 11,650	5300 11,750	3450 7,600	3700 8,200	2400 5,300	3350 7,400 2150 4,750
0 m 0'				*7300 16,100	*7300 16,100	8100 17,900	5000 11,100	5150 11,350	3300 7,250	3650 8,050	2300 5,150	3450 7,600 2200 4,850
-1.5 m -5'		*7850 17,300	*7850 17,300	*12450 27,500	9600 21,250	8050 17,750	4950 10,950	5050 11,200	3200 7,150			3800 8,400 2400 5,400
-3.0 m -10'				*17500 38,650	9850 21,750	8150 17,950	5050 11,150	5150 11,350	3300 7,250			4700 10,450 3000 6,700
-4.6 m -15'				*13700 30,300	10300 22,750	8450 18,650	5300 11,700					7500 16,600 4800 10,550

PC200-8 Arm: 2925 mm 9'7"												Unit: kg/lb
B	A	1.5 m 5'		3.0 m 10'		4.6 m 15'		6.1 m 20'		7.6 m 25'		☉ MAX
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf Cs
7.6 m 25'								*3550 7,850	*3550 7,850			*2950 6,500 *2950 6,500
6.1 m 20'								*5350 11,800	4100 9,100			*2800 6,150 *2800 6,150
4.6 m 15'						*6750 14,900	6450 14,250	5900 13,050	3950 8,800	3950 8,800	2650 5,850	*2800 6,200 2300 5,150
3.0 m 10'				*14050 31,000	11350 25,050	*9050 20,000	5900 13,100	5650 12,450	3750 8,250	3850 8,550	2550 5,600	*2950 6,550 2050 4,550
1.5 m 5'				*7350 16,200	*7350 16,200	8550 18,850	5400 11,900	5350 11,850	3500 7,700	3750 8,250	2400 5,350	3050 6,800 1950 4,350
0 m 0'				*8250 18,250	*8250 18,250	8150 18,000	5050 11,200	5150 11,400	3300 7,300	3650 8,050	5150 2,300	3150 6,950 2000 4,400
-1.5 m -5'		*7250 16,000	*7250 16,000	*11650 25,750	9550 21,100	8000 17,700	4950 10,900	5050 11,150	3200 7,100	3600 7,950	5050 2,250	3400 7,600 2150 4,800
-3.0 m -10'		*11100 24,450	*11100 24,450	*16750 37,000	9750 21,450	8050 17,800	4950 11,000	5050 11,200	3200 7,100			4150 9,100 2650 5,850
-4.6 m -15'				*15400 34,000	22300 10,100	8150 18,050	5050 11,200					6000 13,200 8450 3,800

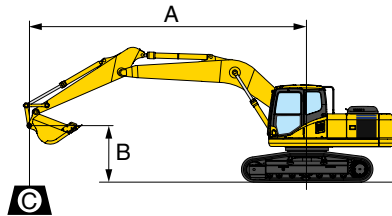
*Load is limited by hydraulic capacity rather than tipping. Ratings are based on ISO standard No. 10567. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.

PC200LC-8 HYDRAULIC EXCAVATOR

LIFTING CAPACITIES



LIFTING CAPACITY



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:

- Arm: 2410 mm 7'11"
- Boom length 5700 mm 18'8"
- Bucket 0.8 m³ 1.05 yd³ (SAE heaped)
- Bucket weight: 635 kg 1,400 lb.
- Lifting mode: On

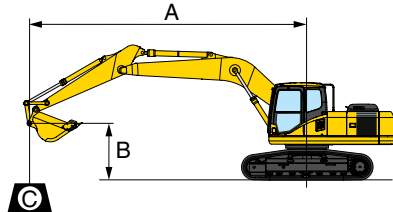
PC200LC-8 Shoe: 700 mm 28"												Unit: kg/lb
A B	1.5 m 5'		3.0 m 10'		4.6 m 15'		6.1 m 20'		7.6 m 25'		Ⓢ MAX	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.6 m 25'											*4550 *10,000	*4550 *10,000
6.1 m 20'							*6050 *13,350	4550 10,000			*4250 *9,450	3550 7,900
4.6 m 15'					*7600 *16,800	7100 15,700	*6650 *14,700	4400 9,700	*4550 *10,100	2950 6,500	*4300 *9,500	2900 6,450
3.0 m 10'					*9900 *21,800	6550 14,450	6850 15,100	4150 9,200	4700 10,400	2850 6,350	4300 9,500	2600 5,750
1.5 m 5'					10600 23,400	6050 13,350	6600 14,550	3900 8,700	4600 10,150	2750 6,100	4150 9,150	2450 5,450
0 m 0'			*7300 *16,100	*7300 *16,100	10250 22,650	5750 12,750	6400 14,150	3750 8,300	4500 10,000	2650 5,950	4250 9,400	2500 5,600
-1.5 m -5'	*7850 *17,300	*7850 *17,300	*12450 *27,500	11250 24,850	10200 22,500	5700 12,600	6350 14,000	3700 8,200			4700 10,450	2800 6,200
-3.0 m -10'			*17500 *38,650	11500 25,400	10300 22,700	5800 12,800	6400 14,100	3750 8,300			5850 12,950	3450 7,700
-4.6 m -15'			*13700 *30,300	11950 26,400	*9650 *21,250	6050 13,400					*8800 *19,450	5450 12,050

PC200LC-8 Shoe: 800 mm 31.5"												Unit: kg/lb
A B	1.5 m 5'		3.0 m 10'		4.6 m 15'		6.1 m 20'		7.6 m 25'		Ⓢ MAX	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.6 m 25'											*4550 *10,000	*4550 *10,000
6.1 m 20'							*6050 *13,350	4600 10,150			*4250 *9,450	3600 8,000
4.6 m 15'					*7600 *16,800	7200 15,850	*6650 *14,700	4450 9,850	*4550 *10,100	3000 6,600	*4300 *9,500	2950 6,500
3.0 m 10'					*9900 *21,800	6600 14,650	6950 15,350	4200 9,300	4800 10,550	2900 6,400	4350 9,650	2600 5,800
1.5 m 5'					10750 23,700	6100 13,500	6650 14,750	4000 8,800	4650 10,300	2800 6,200	4200 9,300	2500 5,550
0 m 0'			*7300 *16,100	*7300 *16,100	10400 23,000	5850 12,900	6500 14,350	3800 8,450	4600 10,150	2700 6,000	4300 9,550	2550 5,700
-1.5 m -5'	*7850 *17,300	*7850 *17,300	*12450 *27,500	11400 25,150	10350 22,800	5800 12,800	6400 14,200	3750 8,300			4800 10,600	2850 6,300
-3.0 m -10'			*17500 *38,650	11650 25,700	10450 23,050	5850 12,950	6500 14,350	3800 8,450			5950 13,150	3500 7,800
-4.6 m -15'			*13700 *30,300	12100 26,750	*9650 *21,250	6150 13,550					*8800 *19,450	5550 12,200

*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



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:

- Arm: 2925 mm **9'7"**
- Boom length 5700 mm **18'8"**
- Bucket 0.8 m³ **1.05 yd³** (SAE heaped)
–Bucket weight: 635 kg **1,400 lb.**
- Lifting mode: On

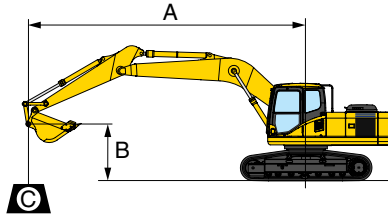
PC200LC-8		Shoe 700 mm 28"										Unit: kg/lb	
A B		1.5 m 5'		3.0 m 10'		4.6 m 15'		6.1 m 20'		7.6 m 25'		⊗ MAX	
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.6 m 25'								*3800 *8,300	*3800 *8,300			*2750 *6,100	*2750 *6,100
6.1 m 20'								*5200 *11,500	4600 10,200			*2600 *5,800	*2600 *5,800
4.6 m 15'								*6000 *13,300	4500 9,900	*4650 *10,250	3000 6,600	*2650 *5,800	2550 5,600
3.0 m 10'				*13650 *30,100	13300 29,300	*8900 *19,700	6800 14,900	6950 15,300	4250 9,400	4750 10,500	2900 6,400	*2800 *6,100	2300 5,100
1.5 m 5'				*7500 *16,500	*7500 *16,500	10850 23,900	6250 13,800	6650 14,700	4000 8,800	4650 10,250	2800 6,100	*3050 *6,700	2200 4,800
0 m 0'				*8000 *17,700	*8000 *17,700	10400 23,000	5900 13,000	6450 14,200	3800 8,350	4500 10,000	2700 5,900	*3500 *7,800	2250 4,900
-1.5 m -5'		*6800 *15,000	*6800 *15,000	*11200 *24,700	*11200 *24,700	10250 22,600	5750 12,700	6350 14,000	3700 8,200	4450 9,900	2650 5,800	4150 9,200	2450 5,400
-3.0 m -10'		*10550 *23,200	*10550 *23,200	*16050 *36,400	11450 25,300	10300 22,700	5800 12,700	6350 14,000	3700 8,200			4950 10,900	2950 6,500
-4.6 m -15'				*15800 *34,900	11850 26,100	10500 23,100	5950 13,100					7050 15,500	4150 9,200

PC200LC-8		Shoe 800 mm 31.5"										Unit: kg/lb	
A B		1.5 m 5'		3.0 m 10'		4.6 m 15'		6.1 m 20'		7.6 m 25'		⊗ MAX	
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.6 m 25'								*3550 *7,850	*3550 *7,850			*2950 *6,500	*2950 *6,500
6.1 m 20'								*5350 *11,800	4650 10,350			*2800 *6,150	*2800 *6,150
4.6 m 15'						*6750 *14,900	*6750 *14,900	*6150 *13,550	4500 10,000	*4550 *10,050	3050 6,700	*2800 *6,200	2700 5,950
3.0 m 10'				*14050 *31,000	13200 29,150	*9050 *20,000	6750 14,950	7000 15,500	4250 9,450	4800 10,650	2950 6,500	*2950 *6,550	2400 5,350
1.5 m 5'				*7350 *16,200	*7350 *16,200	10850 24,000	6250 13,750	6700 14,850	4000 8,900	4700 10,350	2800 6,200	*3250 *7,200	2300 5,100
0 m 0'				*8250 *18,250	*8250 *18,250	10450 23,100	5900 13,000	6500 14,350	3850 8,450	4600 10,100	2700 6,000	*3750 *8,350	2350 5,200
-1.5 m -5'		*7250 *16,000	*7250 *16,000	*11650 *25,750	11350 25,000	10300 22,800	5750 12,750	6400 14,150	3750 8,250	4550 10,000	2650 5,900	4350 9,600	2550 5,650
-3.0 m -10'		*11100 *24,450	*11100 *24,450	*16750 *37,000	1150 25,400	10350 22,900	5800 12,800	6400 14,200	3750 8,300			5200 11,500	3050 6,800
-4.6 m -15'				*15400 *34,000	11900 26,250	10500 23,150	5900 13,050					7550 16,700	4450 9,800

*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



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:

- Arm: 3900 mm 12'9"
- Boom length 5700 mm 18'8"
- Bucket 0.8 m³ 1.05 yd³ (SAE heaped)
- Bucket weight: 635 kg 1,400 lb.
- Lifting mode: On

PC200LC-8 Shoe 700 mm 28"												Unit: kg/lb
A \ B	1.5 m 5'		3.0 m 10'		4.6 m 15'		6.1 m 20'		7.6 m 25'		☉ MAX	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.6 m 25'									*2250 *4,950	*2250 *4,950	*1950 *4,400	*1950 *4,400
6.1 m 20'									*3550 *7,850	3100 6,850	*1850 *4,100	*1850 *4,100
4.6 m 15'							*4550 *10,100	4550 10,050	*4200 *9,350	3000 6,650	*1800 *4,050	*1800 *4,050
3.0 m 10'					*7100 *15,700	6950 15,300	*6050 *13,300	4250 9,450	4750 10,500	2850 6,350	*1850 *4,150	1800 4,000
1.5 m 5'			*13350 *29,500	12150 26,850	*9700 *21,400	6250 13,850	6650 14,650	3950 8,750	4550 10,100	2700 6,000	*2000 *4,450	1700 3,800
0 m 0'			*8300 *18,350	*8300 *18,350	10300 22,750	5750 12,750	6350 14,000	3700 8,150	4400 9,750	2550 5,650	*2250 *4,950	1750 3,850
-1.5 m -5'	*5250 *11,550	*5250 *11,550	*9700 *21,450	*9700 *21,450	10000 22,050	5500 12,150	6150 13,600	3500 7,800	4300 9,500	2450 5,450	*2650 *5,800	1850 4,150
-3.0 m -10'	*8050 *17,750	*8050 *17,750	*12950 *28,600	10850 23,950	9900 21,900	5450 12,000	6100 13,450	3450 7,650	4300 9,450	2450 5,400	*3300 *7,350	2150 4,800
-4.6 m -15'	*11600 *25,600	*11600 *25,600	*17700 *39,000	11100 24,500	10050 22,150	5550 12,200	6150 13,600	3550 7,800			*4750 *10,500	2800 6,200

PC200LC-8 Shoe 800 mm 31.5"												Unit: kg/lb
A \ B	1.5 m 5'		3.0 m 10'		4.6 m 15'		6.1 m 20'		7.6 m 25'		☉ MAX	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.6 m 25'									*2250 *4,950	*2250 *4,950	*1950 *4,400	*1950 *4,400
6.1 m 20'									*3550 *7,850	3150 6,950	*1850 *4,100	*1850 *4,100
4.6 m 15'							*4550 *10,100	*4550 *10,100	*4200 *9,350	3050 6,750	*1800 *4,050	*1800 *4,050
3.0 m 10'					*7100 *15,700	7000 15,500	*6050 *13,300	4300 9,550	4800 10,650	2900 6,450	*1850 *4,150	1850 4,050
1.5 m 5'			*13350 *29,500	12350 27,200	*9700 *21,400	6350 14,050	6750 14,900	4000 8,850	4650 10,250	2750 6,100	*2000 *4,450	1750 3,900
0 m 0'			*8300 *18,350	*8300 *18,350	10450 23,100	5850 12,900	6450 14,200	3750 8,300	4500 9,900	2600 5,750	*2250 *4,950	1750 3,900
-1.5 m -5'	*5250 *11,550	*5250 *11,550	*9700 *21,450	*9700 *21,450	10150 22,400	5600 12,350	6250 13,800	3600 7,900	4350 9,650	2500 5,550	*2650 *5,800	1900 4,200
-3.0 m -10'	*8050 *17,750	*8050 *17,750	*12950 *28,600	11000 24,300	10050 22,200	5550 12,200	6200 13,650	3500 7,800	4350 9,650	2500 5,500	*3300 *7,350	2200 4,850
-4.6 m -15'	*11600 *25,600	*11600 *25,600	*17700 *39,000	11250 24,850	10150 22,450	5600 12,400	6250 13,850	3600 7,950			*4750 *10,500	2850 6,300

*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.



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05/06(EV-1)

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STANDARD EQUIPMENT

- Alternator, 50 Ampere, 24V
- AM/FM Radio
- Auto air conditioner with defroster
- Auto-Decel
- Automatic deaeration system for fuel line
- Automatic engine warm-up system
- Batteries, large capacity
- Boom and arm holding valve
- Cab
- Console mounted arm rest
- Counterweight 3730 kg **8,223 lb**
- Deckguards, revolving frame
- Dry type air cleaner, double element
- Electric horn
- EMMS monitoring system
- Engine, Komatsu SAA6D107E-1
- Engine overheat prevention system
- Extended work equipment grease interval
- Fan guard structure
- Fuel system pre-filter 10 micron
- High back suspension seat
- High pressure in-line filters
- Hydraulic track adjusters (each side)
- KOMTRAX
- Mirrors (4) ISO Compliant
- Multi-function color monitor
- Power maximizing system
- PPC hydraulic control system
- Radiator and oil cooler dustproof net
- Revolving frame undercovers
- Seat belt, retractable 76 mm **3"**
- Seat, suspension
- Service valve (1 additional)
- Shoes, triple grouser: 800 mm **31.5"**
- Slip resistant plates
- Starting motor 5.5 kW
- Suction fan
- Track guiding guard, center section
- Travel alarm
- Working light, 2 (boom and RH)
- Working mode selection system



OPTIONAL EQUIPMENT

- Air ride suspension seat
- Arms
 - 2410 mm **7'11"** arm assembly
 - 2925 mm **9'7"** arm assembly
 - 2925 mm **9'7"** HD arm assembly
 - 2925 mm **9'7"** HD arm with piping
 - 3900 mm **12'9"** arm assembly
- Bolt-on top guard, (Operator Protective Guards level 2)
- Boom
 - 5700 mm **18'8"** boom assembly
 - 5700 mm **18'8"** HD arm with piping
- Cab front guard
 - Full height guard
 - Half height guard
- Convertor, 12V
- Hydraulic control units
- Pattern change valve
- Rain visor
- Rear view monitoring camera
- Rear view monitoring system
- Shoes, triple grouser
 - 700 mm **28"**
- Straight travel pedal
- Sun visor
- Track frame undercover
- Track roller guards (full length)
- Working lights, 2 on cab



ATTACHMENT OPTIONS

- Genesis demolition tools
 - Hydraulic quick coupler
 - Quick release mounting pad
 - Severe duty grapple
 - Linkage shear
 - Mechanical processor
 - Concrete cracker
 - Hydraulic concrete processor
- JRB couplers (Smart-Loc, Roto-Loc)
 - Vandal protection guards
 - Swinger buckets
 - Boom cylinder guards
 - Window guards (Lexan, wire mesh)
 - Top window guard (wire mesh)
- Komatsu buckets
- Komatsu breakers
- Komatsu plate compactors
- Lincoln autolube systems
- PSM thumbs

For a complete line up of available attachments, please contact your local Komatsu distributor