

# KOMATSU®

## PC200-8 PC200LC-8

**HORSEPOWER**  
Gross: 110 kW 147 HP / 2000 min<sup>-1</sup>  
Net: 103 kW 138 HP / 2000 min<sup>-1</sup>

**OPERATING WEIGHT**  
PC200-8M0: 19800–20500 kg  
PC200LC-8M0: 20700–21700 kg

**PC  
200**

HYDRAULIC EXCAVATOR



[www.Komatsu.com](http://www.Komatsu.com)

Printed in Japan 201208 IP.As

**KOMATSU®**

CEN00489-01

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# WALK-AROUND

**HORSEPOWER**  
 Gross: 110 kW 147 HP / 2000 min<sup>-1</sup>  
 Net: 103 kW 138 HP / 2000 min<sup>-1</sup>

**OPERATING WEIGHT**  
 PC200-8M0: 19800 – 20500 kg  
 PC200LC-8M0: 20700 – 21700 kg

**BUCKET CAPACITY**  
 0.50 – 1.17 m<sup>3</sup>

## Ecology and Economy Features

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

Reduces fuel consumption by approx. 7%.  
 (Compared with the PC200-8)

- **Low emission engine**

A powerful, turbocharged and air-to-air aftercooled Komatsu SAA6D107E-1 provides 103 kW 138 HP.

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

- **Low operation noise**

Using the low-noise engine and methods to cut noise at source.

See pages 4 and 5.

## Safety Design

- ROPS cab (ISO 12117-2) for protecting the operator in the event of a roll-over accident
- Slip-resistant plates for improved foot grid
- Rear view monitoring system for viewing the work area to the rear of the machine (optional)

See page 7.



## Information & Communication Technology

- Large multi-lingual high resolution LCD monitor
- Supports efficiency improvement
- Equipped with the EMMS monitoring system

See page 8.

## Easy Maintenance

- Long 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 the fuel pre-filter as standard (with water separator)
- Side-by-side cooling concept enables individual cooling modules to be serviced.

See page 9.

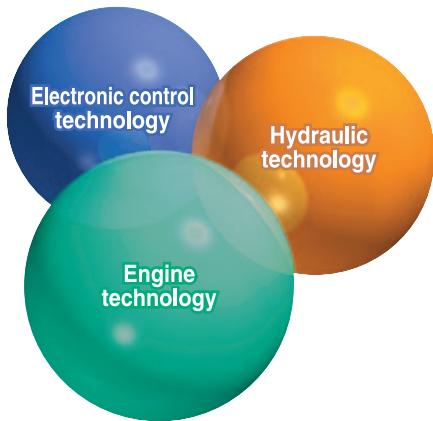
## Large Comfortable Cab

- Low-noise cab, similar to passenger car
- Low vibration with cab damper mounting
- Highly pressurized cab with optional air conditioner
- Operator seat and console with armrest that enables operations in the appropriate operational posture.

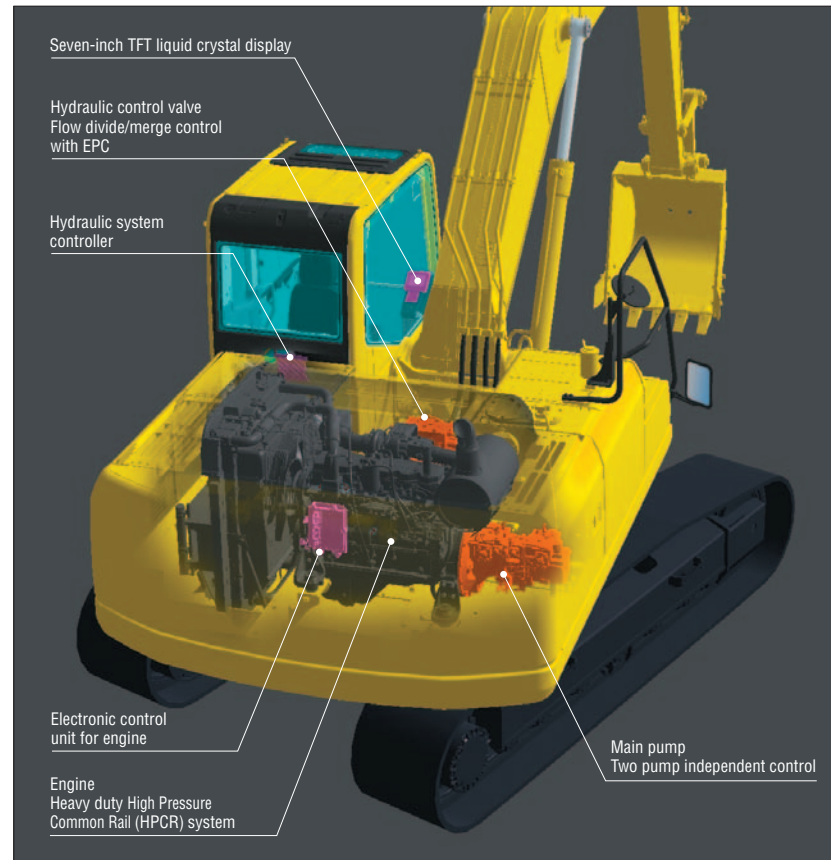
See page 6.

# ECOLOGY & ECONOMY FEATURES

## Komatsu Technology



Komatsu develops and produces all major components, such as engines, electronics and hydraulic components, in house. With this “Komatsu Technology,” and adding customer feedback, Komatsu is achieving great advancements in technology. To achieve both high levels of productivity and economical performance, Komatsu has developed the main components with a total control system. The result is a new generation of high performance and environment-friendly excavators.



### Low Fuel Consumption

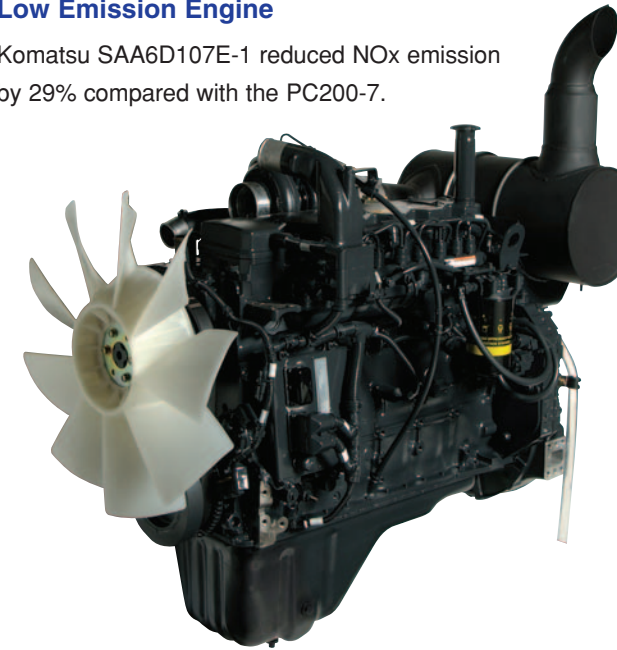
The newly-developed Komatsu SAA6D107E-1 engine enables NOx emissions to be significantly reduced with the accurate multi-staged fuel injection by the engine controller. It improves total engine durability using the high-pressure fuel injection system developed specifically for construction machinery. 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 7% reduced**

vs. PC200-8  
Based on typical work pattern collected via KOMTRAX.  
Fuel consumption varies depending on job conditions.

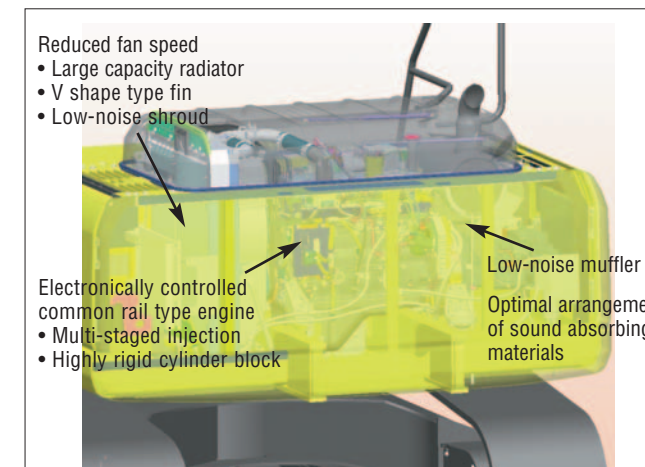
### Low Emission Engine

Komatsu SAA6D107E-1 reduced NOx emission by 29% compared with the PC200-7.



### Low Operation Noise

Enables a low noise operation using the low-noise engine and methods to cut noise at source.



### Idling Caution

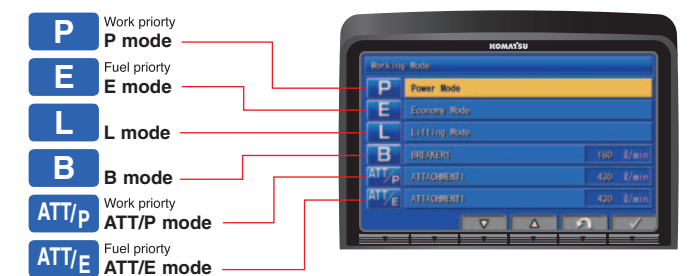
To prevent unnecessary fuel consumption, an idling caution is displayed on the monitor, if the engine idles for 5 minutes or more.



### Working Modes Selectable

The PC200-8M0 excavator is equipped with six working modes (P, E, L, B, ATT/P and ATT/E mode). Each mode is designed to match engine speed and pump output to the application. This provides the flexibility to match equipment performance to the job at hand.

Working Mode	Application	Advantage
P	Power mode	<ul style="list-style-type: none"> <li>Maximum production/power</li> <li>Fast cycle times</li> </ul>
E	Economy mode	<ul style="list-style-type: none"> <li>Good cycle times</li> <li>Better fuel economy</li> </ul>
L	Lifting mode	<ul style="list-style-type: none"> <li>Suitable attachment speed</li> </ul>
B	Breaker mode	<ul style="list-style-type: none"> <li>Optimum engine rpm, hydraulic flow</li> </ul>
ATT/P	Attachment Power mode	<ul style="list-style-type: none"> <li>Optimum engine rpm, hydraulic flow, 2way</li> <li>Power mode</li> </ul>
ATT/E	Attachment Economy mode	<ul style="list-style-type: none"> <li>Optimum engine rpm, hydraulic flow, 2way</li> <li>Economy mode</li> </ul>



### Lifting Mode

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

### ECO-gauge that Assists Energy-saving Operations

Equipped with the ECO-gauge that can be recognized at a glance on the right of the multi-function color monitor for environment-friendly energy-saving operations. Allows focus on operation in the green range with reduced CO<sub>2</sub> emissions and efficient fuel consumption.



ECO-gauge

# WORKING ENVIRONMENT

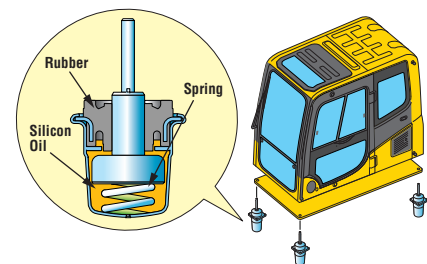


### Low Cab Noise

The newly-designed cab is highly rigid and has excellent sound absorption ability. Thorough 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.

### Low Vibration with Cab Damper Mounting

PC200-8M0 uses viscous damper mounting for cab that incorporates 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 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.

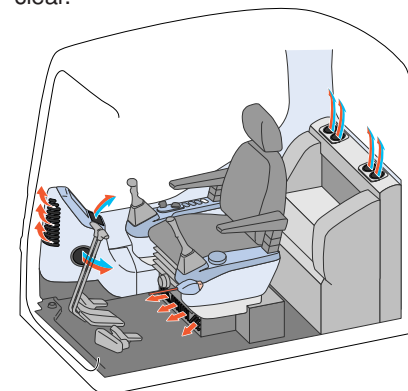


### Pressurized Cab

Optional air conditioner, air filter and a higher internal air pressure minimize external dust from entering the cab.

### Automatic Air Conditioner (optional)

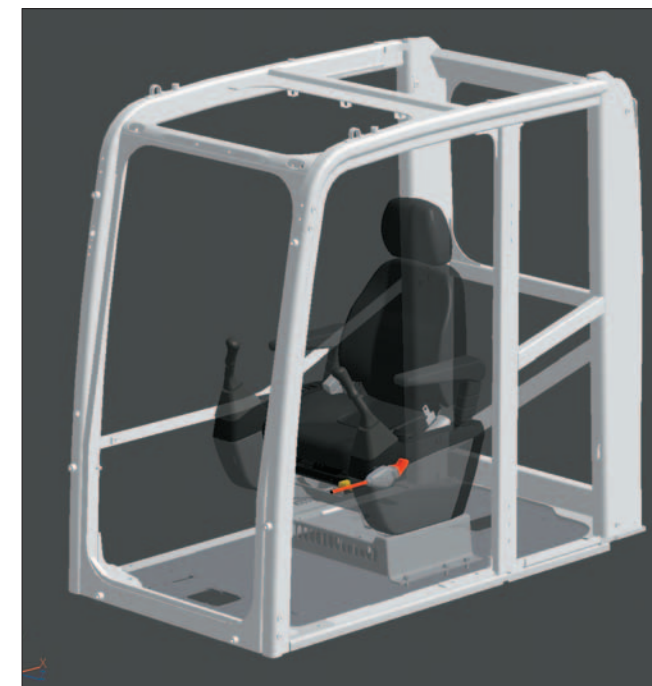
Enables you to easily and precisely set cab atmosphere with the instruments on the large LCD. The bi-level control function keeps the operator's head and feet cool and warm respectively. This improved air flow function keeps the inside of the cab comfortable throughout the year. Defroster function keeps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



## Safety Design

### ROPS Cab

The machine is equipped with a ROPS cab that conforms to ISO 12117-2 for excavators as standard equipment. The ROPS cab has high shock-absorption performance, featuring excellent durability and impact strength. It also satisfies the requirements of ISO OPG top guard level 1 for falling objects. Combined with the retractable seat belt, The ROPS cab protects the operator in case of tipping over and against falling objects.



### Lock Lever

Locks the hydraulic pressure to prevent unintentional movement. Neutral start function allows machine to be started only in lock position.



### Large Side-view, Rear, and Sidewise Mirrors

Enlarged left-side mirror and addition of rear and side mirror allow the PC200-8M0 to meet the new ISO visibility requirements.



### Rear View Monitoring System (optional)

The operator can view the rear of the machine with a color monitor screen.



Rear view image on monitor

### Thermal and Fan Guards

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



### Slip-resistant Plates

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



### Pump/engine Room Partition

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

# INFORMATION & COMMUNICATION TECHNOLOGY

# MAINTENANCE FEATURES



## Large Multi-lingual High Resolution LCD Monitor

A large user-friendly high resolution LCD color monitor enables safe, accurate and smooth work. Visibility and resolution are further improved compared with current 7-inch large TFT LCD.

Simple and easy to operate switches. Function keys facilitate multi-function operations.

Displays data in 25 languages to globally support operators around the world.

TFT : Thin Film Transistor  
LCD : Liquid Crystal Display

### 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 Fuel consumption gauge          |
|                                  | 9 Function switches menu          |

### Basic operation switches

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

## Supports Efficiency Improvement

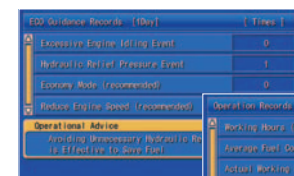
The main screen displays advices for promoting energy-saving operations as needed. The operator can use the ECO Guidance menu to check the Operation Records, ECO Guidance Records, Average Fuel Consumption Logs, etc.



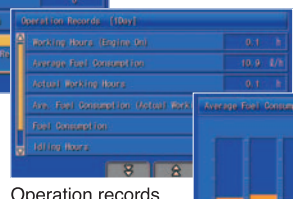
ECO guidance



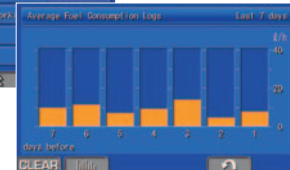
ECO guidance menu



ECO guidance records



Operation records



Average fuel consumption logs

## Equipment Management Monitoring System (EMMS) Monitor Function

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



## Maintenance Function

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



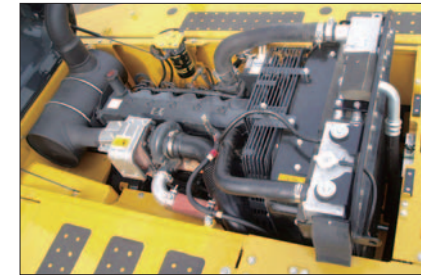
## Trouble Data Memory Function

Monitor stores abnormalities for effective troubleshooting.

## Side-by-side Cooling

Since radiator, aftercooler and oil cooler are arranged in parallel, it is easy to clean, remove and install them.

Radiator, aftercooler, and oil cooler made of aluminum have 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)

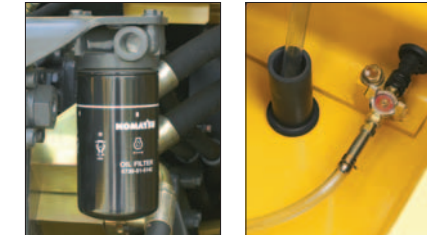


## Washable Cab Floormat

The PC200-8M0's cab floormat is easy to keep clean. The gently inclined surface has a flanged floormat 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.

Prevents clothes and the ground from becoming contaminated due to oil leakage when replacing the engine oil.



## 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

## Large-capacity Fuel Tank and Rustproof Treatment

400-liter high-capacity fuel tank. Effective corrosion resistance using rustproof treatment.



## Air Conditioner Filter (optional)

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



Internal air conditioner filter



External air conditioner filter

## Long Work Equipment Greasing Interval (optional)

High quality BMRC bushings and resin shims are optionally available for work equipment pins excluding bucket, extending greasing interval to 500 hours.

# SPECIFICATIONS



## ENGINE

Model ..... Komatsu SAA6D107E-1  
 Type ..... Water-cooled, 4-cycle, direct injection  
 Aspiration ..... Turbocharged, aftercooled  
 Number of cylinders ..... 6  
 Bore ..... 107 mm  
 Stroke ..... 124 mm  
 Piston displacement ..... 6.69 L  
 Horsepower:  
 SAE J1995 ..... Gross 110 kW 147 HP  
 ISO 9249 / SAE J1349 ..... Net 103 kW 138 HP  
 Rated rpm ..... 2000 min<sup>-1</sup>  
 Fan drive method for radiator cooling ..... Mechanical  
 Governor ..... All-speed control, electronic



## HYDRAULICS

Type ..... HydraMind (Hydraulic Mechanical Intelligence New Design) system, closed-center system with load sensing valves and pressure compensated valves  
 Number of selectable working modes ..... 6  
 Main pump:  
 Type ..... Variable displacement piston type  
 Pumps for ..... Boom, arm, bucket, swing, and travel circuits  
 Maximum flow ..... 439 L / min  
 Supply for control circuit ..... Self-reducing valve  
 Hydraulic motors:  
 Travel ..... 2 x axial piston motor with parking brake  
 Swing ..... 1 x axial piston motor with swing holding brake  
 Relief valve setting:  
 Implement circuits ..... 37.3 MPa 380 kg/cm<sup>2</sup>  
 Travel circuit ..... 37.3 MPa 380 kg/cm<sup>2</sup>  
 Swing circuit ..... 28.9 MPa 295 kg/cm<sup>2</sup>  
 Pilot circuit ..... 3.2 MPa 33 kg/cm<sup>2</sup>  
 Hydraulic cylinders:  
 (Number of cylinders – bore x stroke x rod diameter)  
 Boom ..... 2–120 mm x 1334 mm x 85 mm  
 Arm ..... 1–135 mm x 1490 mm x 95 mm  
 Bucket for 2.93 m arm ..... 1–115 mm x 1120 mm x 80 mm  
 for 2.41 m arm ..... 1–115 mm x 1120 mm x 80 mm  
 for 1.84 m arm ..... 1–125 mm x 1110 mm x 85 mm



## DRIVES AND BRAKES

Steering control ..... Two levers with pedals  
 Drive method ..... Hydrostatic  
 Maximum drawbar pull ..... 178 kN 18200 kg  
 Gradeability ..... 70%, 35°  
 Maximum travel speed: High ..... 5.5 km/h  
 (Auto-Shift) Mid ..... 4.1 km/h  
 (Auto-Shift) Low ..... 3.0 km/h  
 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 min<sup>-1</sup>



## UNDERCARRIAGE

Center frame ..... X-frame  
 Track frame ..... Box-section  
 Seal of track ..... Sealed track  
 Track adjuster ..... Hydraulic  
 Number of shoes (each side):  
 PC200-8M0 ..... 45  
 PC200LC-8M0 ..... 49  
 Number of carrier rollers ..... 2 each side  
 Number of track rollers (each side):  
 PC200-8M0 ..... 7  
 PC200LC-8M0 ..... 9



## COOLANT AND LUBRICANT CAPACITY (REFILLING)

Fuel tank ..... 400 L  
 Coolant ..... 20.4 L  
 Engine ..... 23.1 L  
 Final drive, each side ..... 3.6 L  
 Swing drive ..... 6.5 L  
 Hydraulic tank ..... 135 L



## OPERATING WEIGHT (APPROXIMATE)

Operating weight including 5700 mm one-piece boom, 2925 mm arm, SAE heaped 0.80 m<sup>3</sup> backhoe bucket, rated capacity of lubricants, coolant, full fuel tank, operator, and standard equipment.

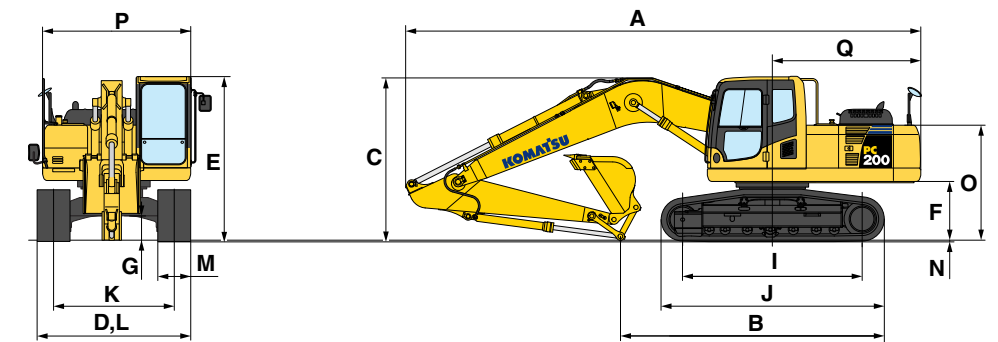
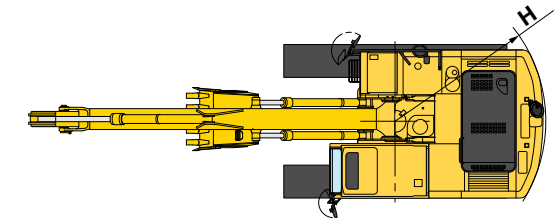
Shoes	PC200-8M0		PC200LC-8M0	
	Operating Weight	Ground Pressure	Operating Weight	Ground Pressure
500 mm	19800 kg	54.9 kPa 0.56 kg/cm <sup>2</sup>	—	—
600 mm	19900 kg	46.1 kPa 0.47 kg/cm <sup>2</sup>	20700 kg	43.1 kPa 0.44 kg/cm <sup>2</sup>
700 mm	20200 kg	40.2 kPa 0.41 kg/cm <sup>2</sup>	21100 kg	37.2 kPa 0.38 kg/cm <sup>2</sup>
800 mm	20500 kg	35.3 kPa 0.36 kg/cm <sup>2</sup>	21400 kg	33.3 kPa 0.34 kg/cm <sup>2</sup>
900 mm	—	—	21700 kg	30.4 kPa 0.31 kg/cm <sup>2</sup>



## DIMENSIONS

Arm Length	1840 mm	2410 mm	2925 mm
A Overall length	9480 mm	9495 mm	9425 mm
B Length on ground (transport): PC200-8M0 PC200LC-8M0	6270 mm 6455 mm	5700 mm 5885 mm	4815 mm 5000 mm
C Overall height (to top of boom)	2985 mm	3190 mm	2970 mm

	PC200-8M0	PC200LC-8M0
D Overall width	2800 mm	3080 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	3655 mm
J Track length	4070 mm	4450 mm
K Track gauge	2200 mm	2380 mm
L Width of crawler	2800 mm	3080 mm
M Shoe width	600 mm	700 mm
N Grouser height	26 mm	26 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



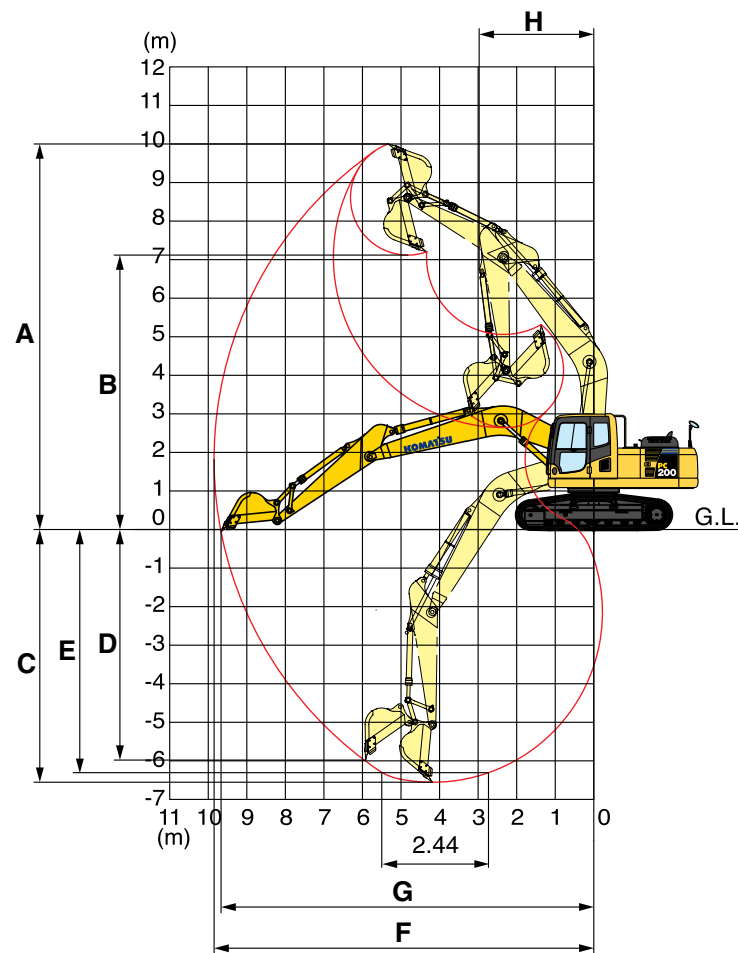
## BACKHOE BUCKET, ARM, AND BOOM COMBINATION

Bucket Capacity (heaped)		Width		Weight	Number of Teeth	Arm Length		
SAE, PCSA	CECE	Without Side Cutters	With Side Cutters			1.84 m	2.41 m	2.93 m
0.50 m <sup>3</sup>	0.45 m <sup>3</sup>	750 mm	875 mm	478 kg	3	○	○	○
0.80 m <sup>3</sup>	0.70 m <sup>3</sup>	1045 mm	1170 mm	635 kg	5	○	○	○
0.93 m <sup>3</sup>	0.80 m <sup>3</sup>	1200 mm	1325 mm	696 kg	5	□	□	●
1.05 m <sup>3</sup>	0.90 m <sup>3</sup>	1330 mm	1455 mm	757 kg	6	□	□	×
1.17 m <sup>3</sup>	1.00 m <sup>3</sup>	1450 mm	—	940 kg	6	●	●	×

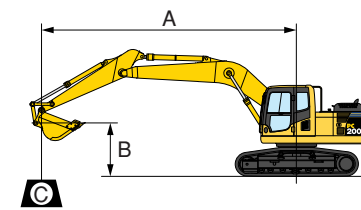
○: General purpose use, density up to 1.8 t/m<sup>3</sup>    ●: Light duty work, density up to 1.2 t/m<sup>3</sup>  
 □: General purpose use, density up to 1.5 t/m<sup>3</sup>    ×: Not usable

**WORKING RANGE**

	Arm	1840 mm	2410 mm	2925 mm*
A	Max. digging height	9500 mm	9800 mm	10000 mm
B	Max. dumping height	6630 mm	6890 mm	7110 mm
C	Max. digging depth	5380 mm	6095 mm	6620 mm
D	Max. vertical wall digging depth	4630 mm	5430 mm	5980 mm
E	Max. digging depth of cut for 8° level	5130 mm	5780 mm	6370 mm
F	Max. digging reach	8850 mm	9380 mm	9875 mm
G	Max. digging reach at ground level	8660 mm	9190 mm	9700 mm
H	Min. swing radius	3010 mm	3090 mm	3040 mm
SAE rating	Bucket digging force at normal.	157 kN 16000 kg	138 kN 14100 kg	138 kN 14100 kg
	Arm crowd force at power max.	139 kN 14200 kg	124 kN 12600 kg	101 kN 10300 kg
	Bucket digging force at normal.	177 kN 18000 kg	149 kN 15200 kg	149 kN 15200 kg
ISO rating	Bucket digging force at normal.	145 kN 14800 kg	127 kN 13000 kg	108 kN 11000 kg
	Arm crowd force at power max.			



**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:
- 5700 mm one-piece boom
  - 0.8 m³ SAE heaped bucket
  - Shoe width: —PC200-8M0 600 mm triple grouser

PC200-8M0		Arm: 1840 mm		Bucket: 0.8 m³ SAE heaped		Shoe: 600 mm triple grouser							
B	A	● MAX		7.5 m		6.0 m		4.5 m		3.0 m		1.5 m	
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.5 m		*5100 kg	*5100 kg					*5600 kg	*5600 kg				
6.0 m		*4800 kg	3600 kg			*5550 kg	3950 kg	*5800 kg	*5800 kg				
4.5 m		4400 kg	2850 kg			5850 kg	3800 kg	*7350 kg	6150 kg	*10350 kg	*10350 kg		
3.0 m		3900 kg	2500 kg	3850 kg	2450 kg	5600 kg	3600 kg	9000 kg	5650 kg				
1.5 m		3750 kg	2350 kg	3750 kg	2350 kg	5400 kg	3400 kg	8550 kg	5200 kg				
0 m		3900 kg	2400 kg	3700 kg	2300 kg	5250 kg	3250 kg	8350 kg	5050 kg				
-1.5 m		4400 kg	2750 kg			5200 kg	3250 kg	8350 kg	5050 kg	*9500 kg	*9500 kg		
-3.0 m		5750 kg	3600 kg			5350 kg	3350 kg	8500 kg	5200 kg	*13000 kg	10300 kg		

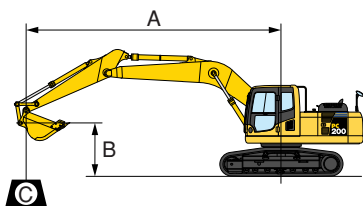
PC200-8M0		Arm: 2410 mm		Bucket: 0.8 m³ SAE heaped		Shoe: 600 mm triple grouser							
B	A	● MAX		7.5 m		6.0 m		4.5 m		3.0 m		1.5 m	
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.5 m		*4500 kg	4250 kg										
6.0 m		*4250 kg	3000 kg			*4850 kg	4050 kg						
4.5 m		3800 kg	2450 kg	4000 kg	2600 kg	*5450 kg	3900 kg	*6400 kg	6300 kg				
3.0 m		3450 kg	2150 kg	3900 kg	2500 kg	5650 kg	3650 kg	*8650 kg	5800 kg				
1.5 m		3300 kg	2050 kg	3750 kg	2350 kg	5450 kg	3450 kg	8650 kg	5300 kg				
0 m		3400 kg	2100 kg	3700 kg	2300 kg	5250 kg	3250 kg	8350 kg	5050 kg	*7000 kg	*7000 kg		
-1.5 m		3750 kg	2350 kg	3650 kg	2250 kg	5200 kg	3200 kg	8300 kg	5000 kg	*9300 kg	*9300 kg	*7700 kg	*7700 kg
-3.0 m		4650 kg	2900 kg			5250 kg	3250 kg	8400 kg	5100 kg	*14600 kg	10200 kg		
-4.5 m		*7150 kg	4500 kg					*8300 kg	5350 kg	*11650 kg	10400 kg		

PC200-8M0		Arm: 2925 mm		Bucket: 0.8 m³ SAE heaped		Shoe: 600 mm triple grouser							
B	A	● MAX		7.5 m		6.0 m		4.5 m		3.0 m		1.5 m	
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.5 m		*2900 kg	*2900 kg			*4050 kg	*4050 kg						
6.0 m		*2750 kg	2600 kg	*3100 kg	2600 kg	*4250 kg	4100 kg						
4.5 m		*2750 kg	2150 kg	4000 kg	2550 kg	*4850 kg	3900 kg	*5500 kg	*5500 kg				
3.0 m		*2900 kg	1900 kg	3850 kg	2450 kg	5650 kg	3650 kg	*7700 kg	5850 kg	*11600 kg	11450 kg		
1.5 m		2950 kg	1800 kg	3700 kg	2300 kg	5400 kg	3400 kg	8700 kg	5300 kg	*6800 kg	*6800 kg		
0 m		3000 kg	1800 kg	3600 kg	2200 kg	5150 kg	3200 kg	8300 kg	4950 kg	*5150 kg	*5150 kg		
-1.5 m		3300 kg	2000 kg	3550 kg	2150 kg	5050 kg	3050 kg	8100 kg	4850 kg	*9300 kg	*9300 kg	*5150 kg	*5150 kg
-3.0 m		3950 kg	2400 kg			5050 kg	3100 kg	8200 kg	4900 kg	*14800 kg	9850 kg	*9700 kg	*9700 kg
-4.5 m		5700 kg	3500 kg					8400 kg	5100 kg	*12950 kg	10200 kg		

\* Load is limited by hydraulic capacity rather than tipping. Ratings are based on I SAE Standard No. J1097. 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:
- 5700 mm one-piece boom
  - 0.8 m<sup>3</sup> SAE heaped bucket
  - Shoe width:
    - PC200LC-8M0 700 mm triple grouser

PC200LC-8M0 Arm: 1840 mm Bucket: 0.8 m <sup>3</sup> SAE heaped Shoe: 700 mm triple grouser												
A \ B	⊗ MAX		7.5 m		6.0 m		4.5 m		3.0 m		1.5 m	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.5 m	*5100 kg	*5100 kg					*5600 kg	*5600 kg				
6.0 m	*4800 kg	4150 kg			*5550 kg	4550 kg	*5800 kg	*5800 kg				
4.5 m	*4900 kg	3300 kg	4750 kg	2900 kg	*6000 kg	4400 kg	*7350 kg	7050 kg	*10350 kg	*10350 kg		
3.0 m	4850 kg	2900 kg	4650 kg	2800 kg	6900 kg	4200 kg	*9700 kg	6550 kg				
1.5 m	4650 kg	2800 kg	4600 kg	2750 kg	6700 kg	4000 kg	*10700 kg	6100 kg				
0 m	4850 kg	2850 kg			6550 kg	3850 kg	10600 kg	5950 kg				
-1.5 m	5450 kg	3250 kg			6500 kg	3800 kg	*10600 kg	5950 kg	*9500 kg	*9500 kg		
-3.0 m	7150 kg	4200 kg			6650 kg	3950 kg	*9750 kg	6100 kg	*13000 kg	12250 kg		

PC200LC-8M0 Arm: 2410 mm Bucket: 0.8 m <sup>3</sup> SAE heaped Shoe: 700 mm triple grouser												
A \ B	⊗ MAX		7.5 m		6.0 m		4.5 m		3.0 m		1.5 m	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.5 m	*4500 kg	*4500 kg										
6.0 m	*4250 kg	3500 kg			*4850 kg	4650 kg						
4.5 m	*4300 kg	2850 kg	4900 kg	3000 kg	*5450 kg	4500 kg	*6400 kg	*6400 kg				
3.0 m	4250 kg	2550 kg	4800 kg	2900 kg	*6400 kg	4200 kg	*8650 kg	6750 kg				
1.5 m	4100 kg	2450 kg	4700 kg	2800 kg	6750 kg	4000 kg	*10550 kg	6250 kg				
0 m	4250 kg	2500 kg	4600 kg	2700 kg	6550 kg	3850 kg	10650 kg	5950 kg	*7000 kg	*7000 kg		
-1.5 m	4700 kg	2750 kg	4550 kg	2700 kg	6500 kg	3800 kg	10550 kg	5900 kg	*9300 kg	*9300 kg	*7700 kg	*7700 kg
-3.0 m	5800 kg	3400 kg			6550 kg	3850 kg	*10350 kg	6000 kg	*14600 kg	12200 kg		
-4.5 m	*7150 kg	5250 kg					*8300 kg	6250 kg	*11650 kg	*11650 kg		

PC200LC-8M0 Arm: 2925 mm Bucket: 0.8 m <sup>3</sup> SAE heaped Shoe: 700 mm triple grouser												
A \ B	⊗ MAX		7.5 m		6.0 m		4.5 m		3.0 m		1.5 m	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.5 m	*2900 kg	*2900 kg			*4050 kg	*4050 kg						
6.0 m	*2750 kg	*2750 kg	*3100 kg	3050 kg	*4250 kg	*4250 kg						
4.5 m	*2750 kg	2550 kg	*4600 kg	3000 kg	*4850 kg	4500 kg	*5500 kg	*5500 kg				
3.0 m	*2900 kg	2250 kg	4800 kg	2850 kg	*5900 kg	4200 kg	*7700 kg	6800 kg	*11600 kg	*11600 kg		
1.5 m	*3200 kg	2150 kg	4600 kg	2750 kg	6700 kg	3950 kg	*9800 kg	6250 kg	*6800 kg	*6800 kg		
0 m	*3700 kg	2200 kg	4500 kg	2600 kg	6500 kg	3750 kg	10550 kg	5850 kg	*5150 kg	*5150 kg		
-1.5 m	4150 kg	2400 kg	4450 kg	2550 kg	6350 kg	3650 kg	10400 kg	5750 kg	*9300 kg	*9300 kg	*5150 kg	*5150 kg
-3.0 m	4950 kg	2900 kg			6350 kg	3650 kg	*10400 kg	5800 kg	*14800 kg	11800 kg	*9700 kg	*9700 kg
-4.5 m	*6700 kg	4100 kg					*9100 kg	6000 kg	*12950 kg	*12000 kg		

\* 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

- Alternator, 35 A, 24 V
- Auto-decel
- Automatic engine warm-up system
- Batteries, 110 Ah / 12 V x 2
- Boom holding valve
- Counterweight
- Dry type air cleaner, double element
- Electric horn
- EMMS monitoring system
- Engine, Komatsu SAA6D107E-1
- Engine overheat prevention system
- Fan guard structure
- Hydraulic track adjusters (each side)
- Multi-function color monitor
- Power maximizing system
- PPC hydraulic control system
- Radiator and oil cooler dust proof net
- Rear reflector
- Rearview mirrors (RH, LH, rear, sidewise)
- ROPS cab (ISO 12117-2)
- Slip-resistant plates
- Starting motor, 4.5 kW/24 V
- Suction fan
- Track guiding guard, center section
- Track roller
  - PC200-8M0, 7 each side
  - PC200LC-8M0, 9 each side
- Track shoe
  - PC200-8M0, 600 mm triple grouser
  - PC200LC-8M0, 700 mm triple grouser
- Travel alarm
- Working light, 2 (boom and RH)
- Working mode selection system



OPTIONAL EQUIPMENT

- Additional filter system for poor-quality fuel
- Air conditioner with defroster
- Air pre-cleaner
- Alternator, 60 A, 24 V
- Arms
  - 2925 mm arm assembly
  - 2410 mm arm assembly
  - 1840 mm arm assembly
- Batteries, large capacity
- Bolt-on top guard, [Operator Protective Guards level 2]
- Boom, 5700 mm
- Cab accessories
  - Rain visor
  - Sun visor
- Cab front guard
  - Full height guard
  - Half height guard
- Heater with defroster
- Long lubricating intervals for work equipment bushing (500 hours)
- Rear view monitoring system
- Seat belt, retractable
- Seat, suspension
- Service valve
- Shoes, triple grouser
  - PC200-8M0: 500 mm, 700 mm, 800 mm
  - PC200LC-8M0: 600 mm, 800 mm, 900 mm
- Track frame undercover
- Track roller guards (full length)
- Working lights
  - 2 on cab
  - 1 on counterweight



SPECIAL PURPOSE BUCKET

- **Ditch cleaning bucket**
  - Capacity
  - SAE heaped 0.80 m<sup>3</sup>
  - CECE heaped 0.70 m<sup>3</sup>
  - Width 1800 mm
- **Trapezoidal bucket** is ideal for digging ditches and for drainage works
  - Capacity
  - SAE heaped 0.7 m<sup>3</sup>
  - CECE heaped 0.5 m<sup>3</sup>
- **Slope finishing bucket** for scraping slopes of banks
  - Capacity
  - SAE heaped 0.40 m<sup>3</sup>
  - CECE heaped 0.35 m<sup>3</sup>
  - Width 2000 mm
- **Ripper bucket** for hard and rock ground
  - Capacity
  - SAE heaped 0.62 m<sup>3</sup>
  - CECE heaped 0.56 m<sup>3</sup>
  - Width 990 mm
- **Single-shank ripper** and **three-shank ripper** are recommended for rock-digging and crushing, hard soil digging, pavement removal works, etc.