KOMATSU

PC200-10MO

CE

HYDRAULIC EXCAVATOR

PC200

Photos may include optional equipment.

HORSEPOWER
Gross: 110 kW 148 HP/2000 min^{-1}
Net: 103 kW 138 HP/2000 min^{-1}

OPERATING WEIGHT
19900 - 20500 kg

BUCKET CAPACITY
0.80 - 1.00 m^3

High Performance with Low Initial Cost.

PC200-10M0 is the machines idealized for civil engineering operation, and the performance and cost is balanced.

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Gross: 110 kW 148 HP/2000 min^{-1}
Net: 103 kW 138 HP/2000 min^{-1}

OPERATING WEIGHT
19900 - 20500 kg

BUCKET CAPACITY
0.80 - 1.00 m^3

Lower Fuel Consumption

- **Reduction of fuel consumption by 18%** (Compared to the PC200-8M0)
- **Reduction of hydraulic piping loss**

Lower Maintenance Cost

- **Less maintenance time with new features**
- **Detection system to prevent failure of main components**
- **More visible maintenance information on the monitor screen**

Higher Durability

- **Enhanced work equipment**
- **Rigidity swing circle**

Safety & Comfort

- **Large comfortable cab**
- **ROPS Cab** *(ISO 12117-2)*
- **Rear view monitor system** *(Optional)*

Information & Communication Technology (ICT) & KOMTRAX

- **Large multi-lingual high resolution Liquid Crystal Display (LCD) monitor**
- **Equipment Management Monitoring System**
- **KOMTRAX**

LOWER FUEL CONSUMPTION

KOMATSU NEW ENGINE TECHNOLOGIES

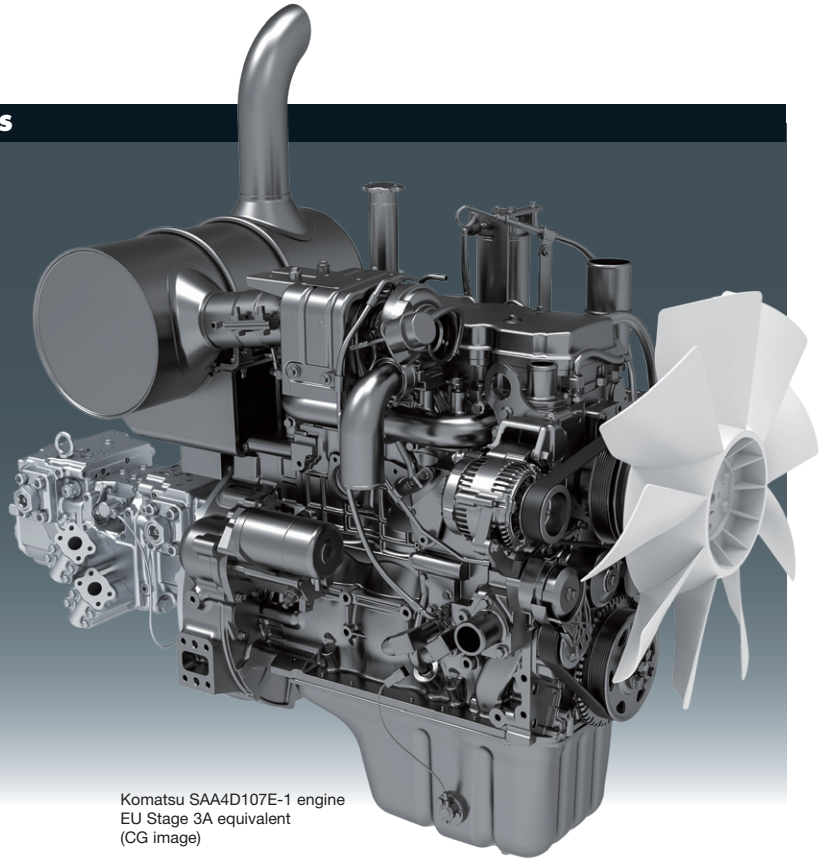
Low Fuel Consumption Technology

Through the in-house development and production of main components, Komatsu has achieved great advancements in technology, providing high levels of performance and efficiency.

Fuel consumption

18% better

Compared to the PC200-8M0
At civil engineering operation.



Komatsu SAA4D107E-1 engine
EU Stage 3A equivalent
(CG image)

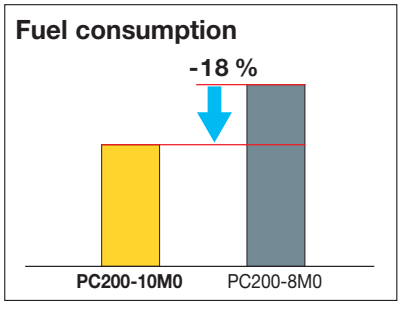
New 4-cylinder engine

Equipped with new 4-cylinder engine to reduce fuel consumption. In particular, the fuel efficiency during idling is improved dramatically. It is optimal for civil engineering sites (general construction sites) such as road construction, land development, etc.

Low Fuel Consumption

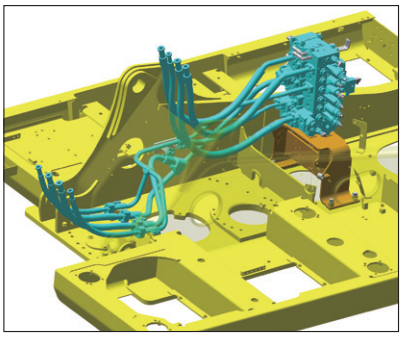
Fuel consumption is improved by 18% from PC200-8M0. Engine horse power is same as that of PC200-8M0.

* Based on typical work pattern in civil engineering operation bia KOMTRAX. Fuel consumption varies depending on job condition.



Reduction of hydraulic pressure loss

The internal shape of the control valves, piping diameter and fitting shape have been thoroughly revised. With this improvement, hydraulic loss is reduced more than ever. It contributes to low fuel consumption.



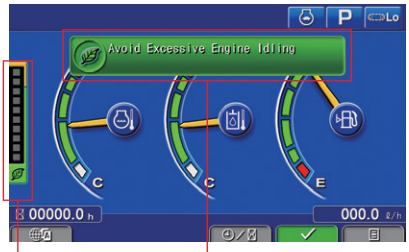
Assists Energy-saving Operations

Auto idle stop function

When the engine has been idling for certain time, the engine stops automatically to reduce unnecessary fuel consumption and exhaust emissions. The duration before the engine shutdown can be easily programmed.

ECO gauge

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_2 emissions and efficient fuel consumption.



ECO gauge Idling caution

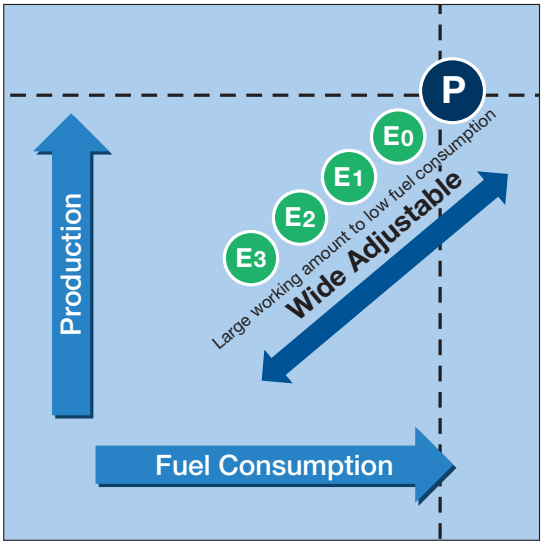
Idling caution

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

Fuel Saving Support Functions

Just select a working mode that suits your purpose

In P mode, LARGE PRODUCTION is implemented. In E mode, LOW FUEL CONSUMPTION is implemented. E mode can be adjusted widely from E0 to E3 mode, and it adapts flexibly to customer's demands. Komatsu tuned each work mode precisely, ensuring high operability and workability. Just by selecting the work mode, it provides the best performance in demanding applications.

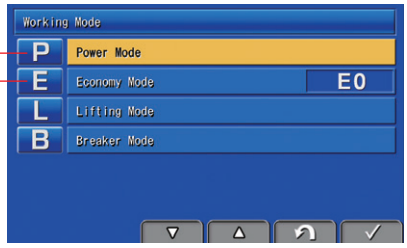


P (Power mode):

Maximum production
Fast cycle time

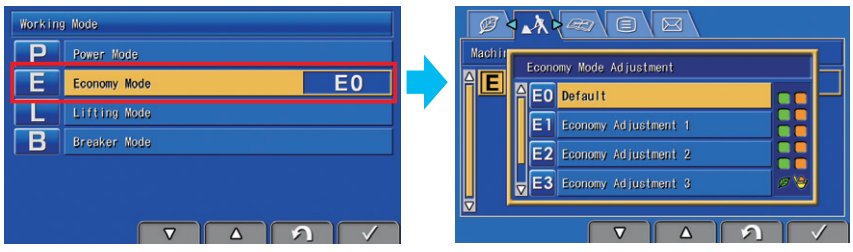
E (Economy mode):

Better fuel consumption



Easy selectable E mode

Compared with the conventional model, E0 to E3 can be easily selected on the monitor.



In addition to the above modes there are also the following modes. Please select the appropriate mode according to the application.

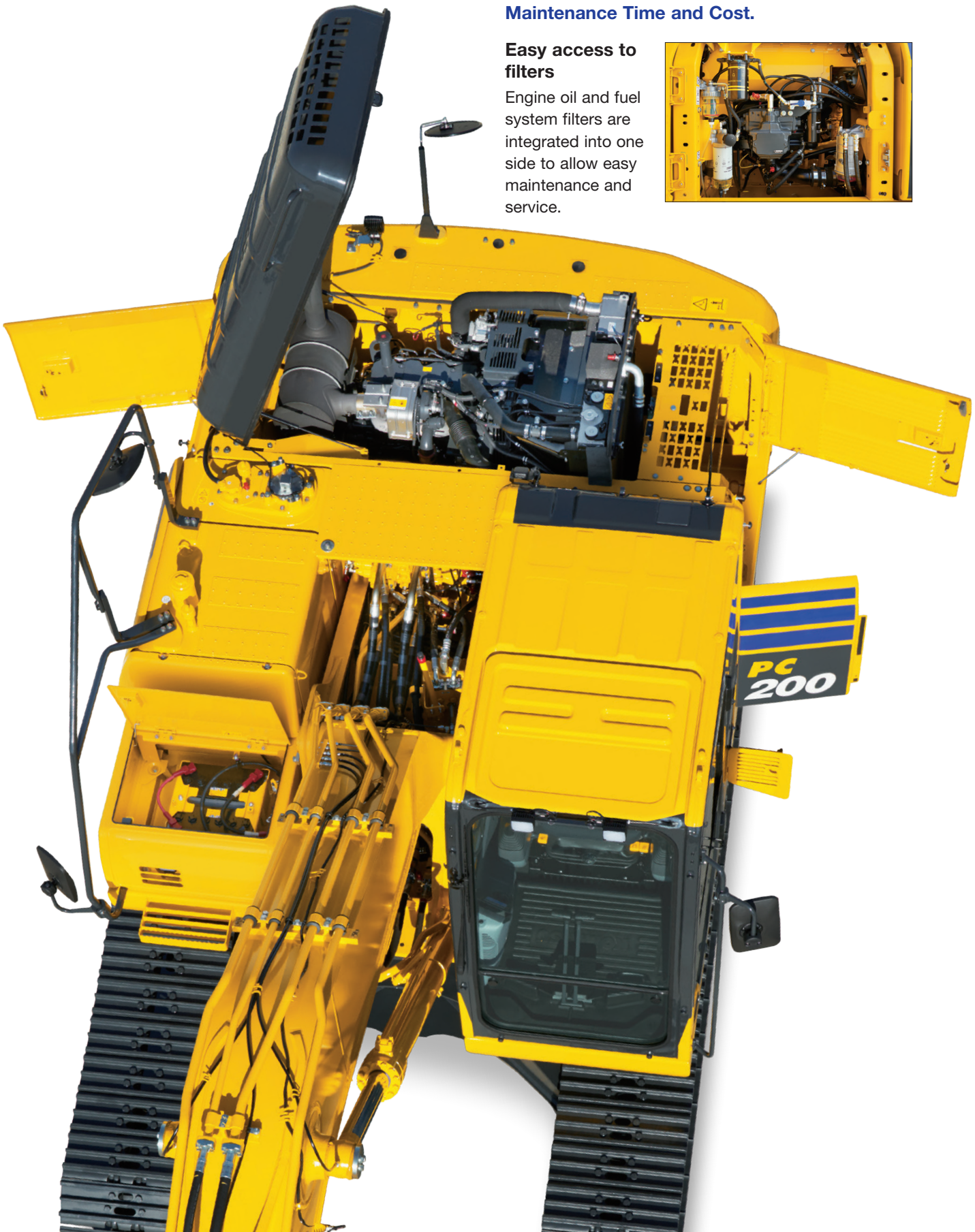
Working Mode	Application	Advantages
L	Lifting mode	• Suitable attachment speed • Lifting capacity is increased 7% by raising hydraulic pressure.
B	Breaker mode	• Optimum engine rpm, hydraulic flow
ATT/P	Attachment Power mode	• Optimum engine rpm, hydraulic flow, 2way • Power mode
ATT/E	Attachment Economy mode	• Optimum engine rpm, hydraulic flow, 2way • Economy mode

LOWER MAINTENANCE COST

Maintenance is Also Part of the Operating Cost. Komatsu Pursued Reduction of Maintenance Time and Cost.

Easy access to filters

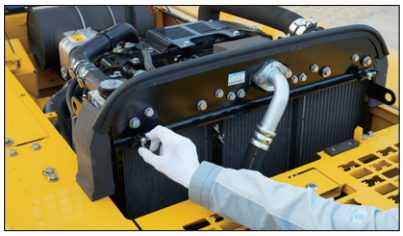
Engine oil and fuel system filters are integrated into one side to allow easy maintenance and service.



Easy cleaning cooling unit

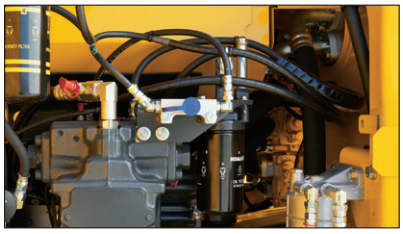
Cleanability of the cooling unit has been improved. It is effective in the field of forestry and agriculture.

- Dustproof net does not require tools for desorption
- Making oil cooler a single piece from 2 pieces, no more space accumulating dust



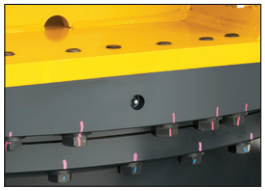
Easy oil sampling

Easy oil sampling ports are added. It is important to get sample that is agitated properly. Using this equipment will help accurate analysis.



Minimization broken of circle grease nipple

The grease nipple of the circle is embedded for protection. It is irrefrangible structure even if wood debris or dusts are coiled around a swing circle.



Extended replacement interval of hydraulic oil filter

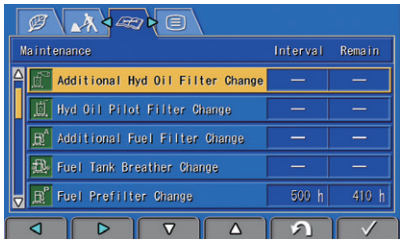
The replacement interval of the hydraulic oil filter element is extended by 2.5 times. It contributes to reduction of maintenance cost.

Easy maintenance time management

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

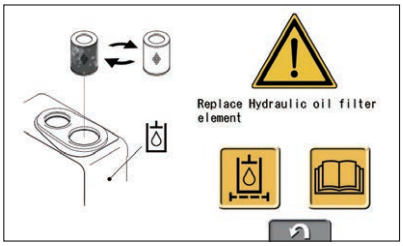
Easy to know maintenance time when using breaker

In addition to the above functions, it monitors the breaker usage time. Since the replacement time will be changed depending on the breaker usage time, monitor can notify the optimum replacement time.



Detect abnormality of hydraulic circuit Clogging sensor for hydraulic oil as standard

When the hydraulic oil filter is clogged, the caution message pops up on the monitor to notify replacing the filter. It is possible to suppress repair cost due to breakdown.



Clogging hydraulic oil filter caution

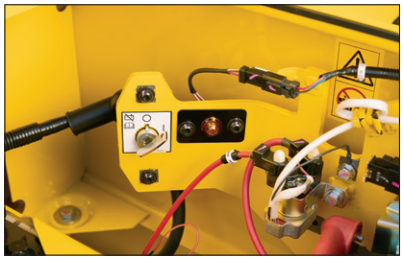
Clogging sensor for breaker line (Optional)

Pre-cleaner for dusty condition (Optional)

Even in dusty places, by installing pre-cleaner coupled with the large air cleaner, the frequency of cleaning the air cleaner will be reduced. Durability has also improved by adopting new high efficiency pre-cleaner.

Battery disconnect switch

A battery disconnect switch allows a technician to disconnect the power supply and lock out before servicing or maintenance the machine. Also, minimize discharge of the battery during long-term non operation. System operating lamp tells the timing of disconnect the switch to prevent controller failures.



Fuel filtration

Prepared some filtration systems according to operating environment and region.

Other Features

Easy cleaning drain port of fuel tank

Improved drainability of hydraulic oil and fuel

Easy to check level of hydraulic oil

Blow-by pressure detection

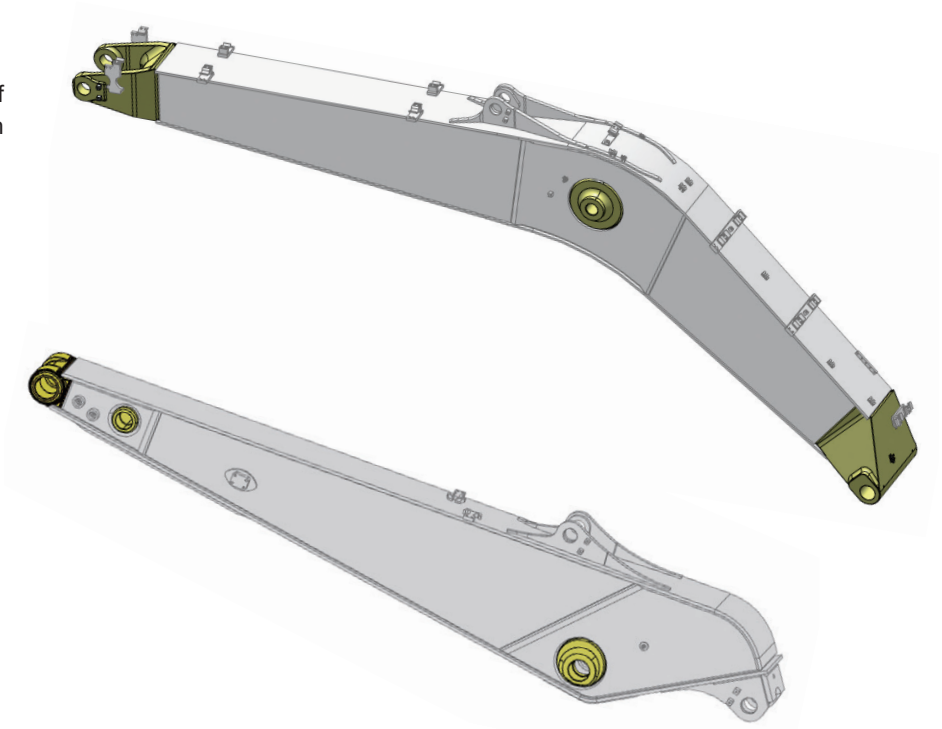
Fuel line contamination prevention

HIGHER DURABILITY

High Strength Work Equipment & Frames to Work with Large Bucket.

High rigidity work equipment

Work equipment is reliable and same as PC200-8M0.
Boom and arms are constructed of thick plates of high tensile strength steel. In addition, these structures are designed with large cross-sectional areas and generous use of castings. The result is working attachments that exhibit long term durability and high resistance to bending and torsional stress.



Strengthened swing circle

Swing circle with improved durability supports stable operation in any severe jobsite.

Reliable Komatsu components

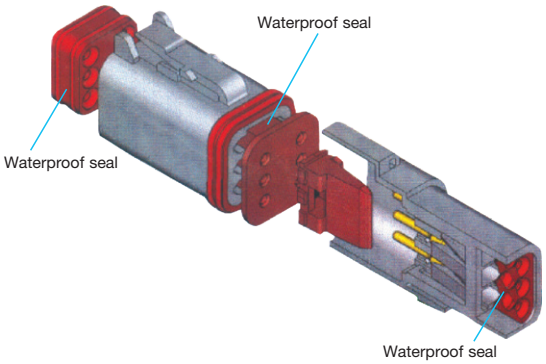
All of the major components, such as engine, hydraulic pumps, hydraulic motors and control valves are exclusively designed and manufactured by Komatsu.

Highly reliable electronic devices

Exclusively designed electronic devices have passed severe testing.

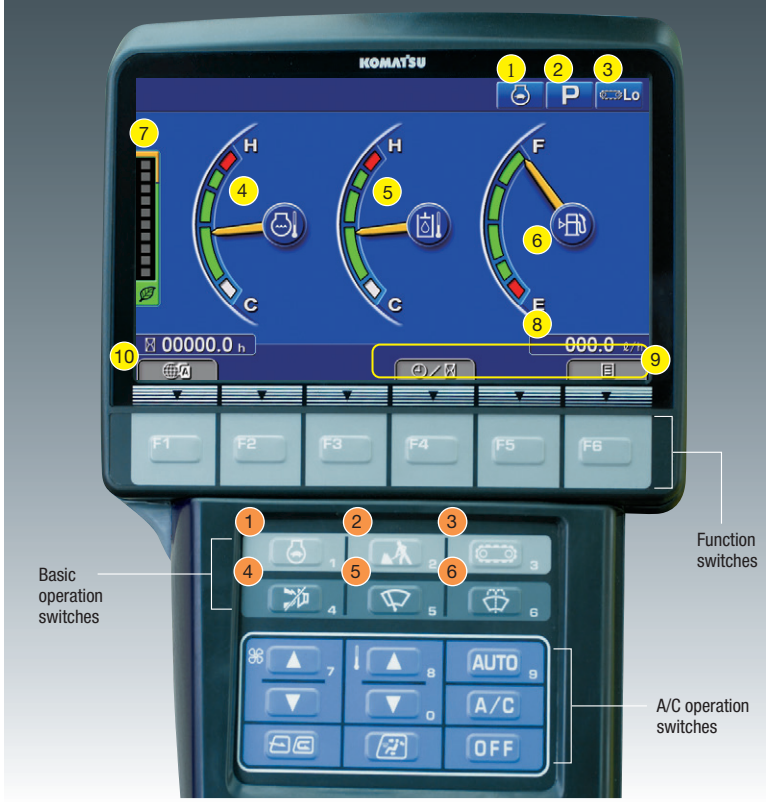
- Controllers
- Sensors
- Connectors
- Heat resistant wiring

Sealed connector



ICT & KOMTRAX

LARGE HIGH RESOLUTION LCD MONITOR



Large Multi-lingual High Resolution LCD Monitor

A large user-friendly high resolution LCD color monitor enables safe, accurate and smooth work. Simple and easy to operate switches. Function keys facilitate multi-function operations. Displays data in 15 languages to globally support operators around the world.

Indicators

1. Auto-decelerator
2. Working mode
3. Travel speed
4. Engine water temperature gauge
5. Hydraulic oil temperature gauge
6. Fuel gauge
7. ECO gauge
8. Fuel consumption gauge
9. Function switches menu
10. Language select

Basic operation switches

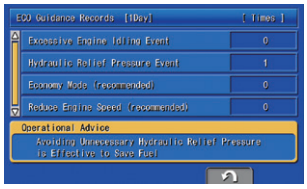
1. Auto-decelerator
2. Working mode selector
3. Traveling selector
4. Buzzer cancel
5. Wiper
6. Window washer

Supports Efficient Operation

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.

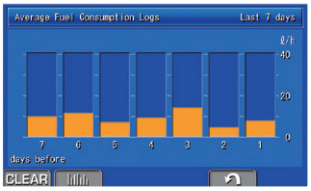
ECO guidance

ECO guidance menu



ECO guidance records

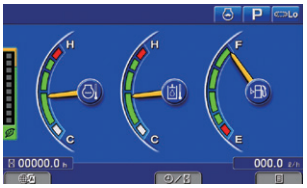
Operation records



Average fuel consumption logs

Simplified Selection of Languages and New Languages added.

It supports 15 languages including newly added languages. Language selection has become extremely easy.



Equipment Management Monitoring System

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

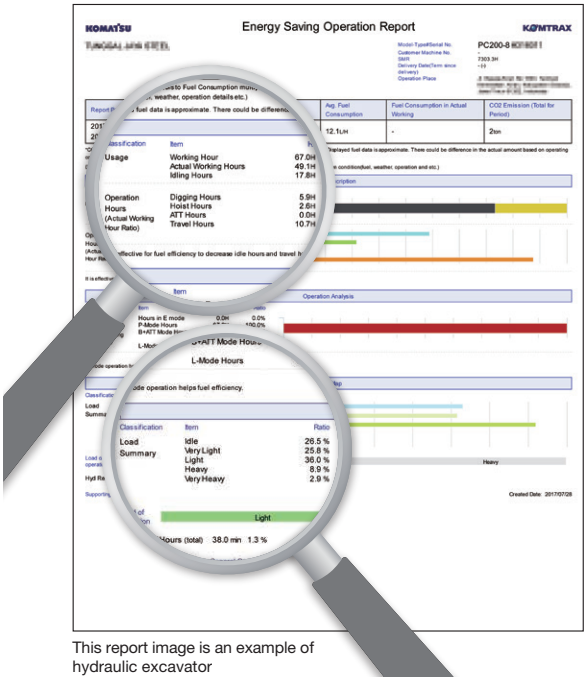
Monitor stores abnormalities for effective troubleshooting.

KOMTRAX

The Komatsu remote monitoring and management technology provides insightful data about your equipment and fleet in user-friendly format.

Energy Saving Operation Report

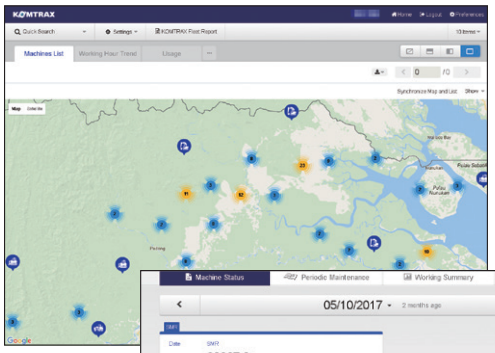
KOMTRAX delivers the energy-saving operation report based on the operating information such as fuel consumption, load summary and idling time, which helps you efficiently run a business.



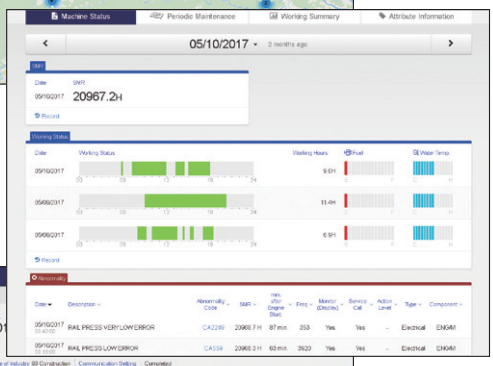
This report image is an example of hydraulic excavator

Equipment Management Support

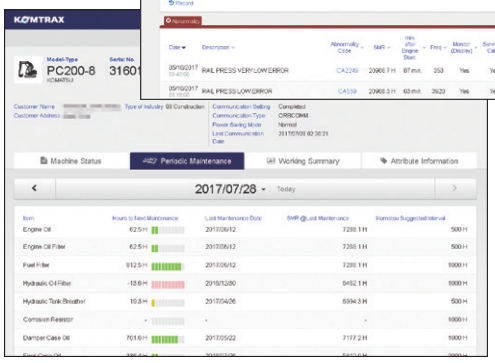
Through the web application, a variety of search parameters are available to quickly find information about specific machines based on key factors. Moreover, KOMTRAX finds out machines with problems from your fleet and shows you through an optimal interface.



Location



Working status



Periodic maintenance

The report contents and data depend on the machine model.

Optimal Strategy for Efficient Work

The detailed information that KOMTRAX puts at your fingertips helps you manage your fleet conveniently on the web anytime, anywhere. It gives you the power to make better daily and long-term strategic decisions.

SAFETY & COMFORT

Safety Should be the First Priority at the Jobsite

Complied with ROPS/OPG level 1

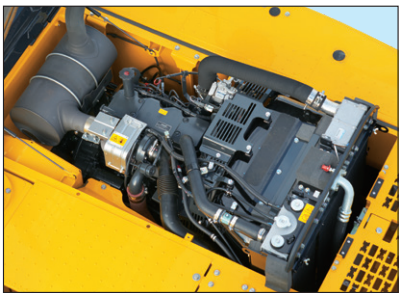
The machine is equipped with a ROPS cab that conforms to ISO 12117-2 for excavators as standard equipment. The ROPS cab has high shock-absorption performance, featuring excellent durability and impact strength. It also satisfies the requirements of OPG top guard level 1 (ISO 10262) for falling objects. Combined with the retractable seat belt, The ROPS cab protects the operator in case of tipping over and against falling objects.

Gas-assisted damper cylinders for opening engine food easily and lock bar

Gas-assisted damper cylinders helps opening the engine hood with light force. Lock bar is also equipped. This equipment will support during maintenance and repair.

Thermal guard, fan guard

Preventing direct contact to high temperature parts or the finger being caught by fan when checking around the engine, by installing thermal guards and fan guard.



Rear view monitor system (Optional)

A new rear view monitor 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. Even if it is on another screen, it changes to the rear camera image at the same time as the any operation lever is operated.

Cab guard:

Front full height guard level 1 (ISO 10262) (Optional)
OPG top guard level 2 (ISO 10262) (Optional)

Lock lever

Pump/Engine room partition

Large side view, rear and sidewise mirrors

Large handrail

LED lamps

Ensuring Operator's Comfort, It Contributes to Increased Safety and Productivity.

Suspension seat

Suspension seat with weight adjustment function as standard equipment.This seat can reduce fatigue even in operation for a long time.

Pressurized cab

Pressurizing inside the cab to minimize the dust entering from out side. It can keep cab clean.

Low cab noise

With overwhelming low noise, you can operate without stress. Ambient noise is also reduced, reducing the stress of surrounding workers.

Multifunction audio (Coming soon)

It has functions of AM/FM radio and Bluetooth® wireless technology enabled products can be connected.

Automatic A/C

It adjusts automatically to a comfortable temperature throughout the year, even in hot and cold areas.

Low vibration with cab damper mounting

The cab damper mounting combined with high rigidity deck aids vibration reduction at operator seat.

Sun roller blind (Optional)

Prepared a roller blind which blocks strong sunlight. Reduce sunlight at any time of day.

USB port for charging (Coming soon)

The location may change

12 V power supply (Optional)

Magazine box

Cool & hot box

Luggage box

SPECIAL SPEC.

Attachment Piping Specification

Equips PC200-10M0 for breaker and crusher installation. Hydraulic flow rate can be regulated by setting Breaker Mode on monitor panel during breaker operation.

KOMATSU TOTAL SUPPORT

Komatsu Total Support

Komatsu Distributer is ready to provide variety of support before and after procuring machine to keep customers machine available and minimize operation cost.

Fleet recommendation

Komatsu Distributor can study customer job site and provide the most optimum fleet recommendation with detailed information to meet all of your application needs when you are considering to buy new machines or to replace the existing ones from Komatsu.

Product support

Komatsu Distributor secure the quality of machine by offering quality repair and maintenance servises to the customer using Komatsu developed programs.

- Preventive Maintenance (PM) Clinic
- Komatsu Oil and Wear Analysis (KOWA)
- Undercarriage inspection service, etc.

Genuine parts and genuine oil

Komatsu Distributor will promptly and smoothly offer genuine parts and genuine oil guaranteed quality to various jobsites. Genuine oil is developed by Komatsu so that it is best matched for our Komatsu engines and hydraulic components. It maximizes engine and hydraulic components performance and prolong life.

Service contract

Komatsu Distributor offers several service package of repair and maintenance for a contracted period with optimum cost. Customer can be "worry-free" by trusting Komatsu Distributor skilled service.

Extended warranty

Extended warranty with several options available. Komatsu guarantee skilled repair with genuine parts and protection from unexpected expenses.

Operator training

Komatsu Distributor can provice excellent operator training which enables them to operate machine safely & efficiently and to maintain machine properly.

SPECIFICATION

ENGINE

Model . . . . . Komatsu SAA4D107E-1
Type. . . . . Water-cooled, 4-cycle, direct injection
Aspiration . . . . . Turbocharged, aftercooled
Number of cylinders 4
Bore. . . . . .107 mm
Stroke . . . . . .124 mm
Piston displacement . . . . . 4.46 L
Horsepower:
SAE J1995 . . . . . Gross 110 kW 148 HP
ISO 9249 / SAE J1349 . . . . . Net 103 kW 138 HP
Rated rpm. . . . . .2000 min^{-1}
Fan drive method for radiator cooling . . . . . Mechanical
Governor . . . . . All-speed control, electronic

EU Stage 3A emission equivalent.

HYDRAULICS

Type. . . . . HydrauMind (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 kgf/cm^2
Travel circuit . . . . . 37.3 MPa 380 kgf/cm^2
Swing circuit. . . . . 28.9 MPa 295 kgf/cm^2
Pilot circuit . . . . . 3.2 MPa 33 kgf/cm^2
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 . . . . . 1–115 mm x 1120 mm x 80 mm

DRIVES AND BRAKES

Steering control. . . . . .Two levers with pedals
Drive method. . . . . Hydrostatic
Maximum drawbar pull . . . . . .178 kN 18200 kgf
Gradeability . . . . . .70%, 35°
Maximum travel speed: High . . . . . 4.9 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 . . . . . 11.5 min^{-1}

UNDERCARRIAGE

Center frame . . . . . X-frame
Track frame . . . . . .Box-section
Seal of track . . . . . Sealed track
Track adjuster . . . . . .Hydraulic
Number of shoes (Each side) 45
Number of carrier rollers. . . . . 2 each side
Number of track rollers (Each side). 7

COOLANT AND LUBRICANT CAPACITY (REFILLING)

Fuel tank (Specified capacity). . . . . .400 L
Coolant . . . . . 15.5 L
Engine . . . . . 18.0 L
Final drive (Each side) . . . . . 3.3 L
Swing drive . . . . . 5.3 L
Hydraulic tank . . . . . .135 L

OPERATING WEIGHT (APPROXIMATE)

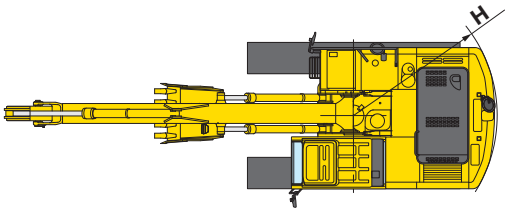
Operating weight including 5700 mm one-piece boom, 2925 mm arm, heaped 0.8 m^3 General Purpose backhoe bucket, rated capacity of lubricants, coolant, full fuel tank, operator, and standard equipment.

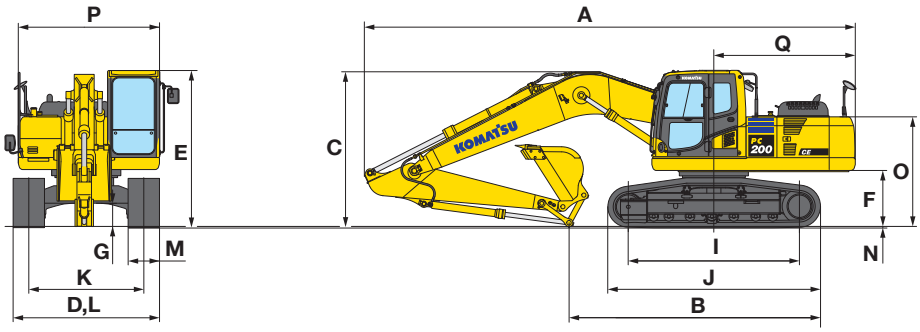
Shoes	Operating Weight	Ground Pressure
600 mm	19900 kg	45.4 kPa 0.46 kgf/cm^2
700 mm	20300 kg	39.6 kPa 0.40 kgf/cm^2
790 mm	20300 kg	35.2 kPa 0.36 kgf/cm^2
800 mm	20500 kg	35.1 kPa 0.36 kgf/cm^2

DIMENSIONS

Arm Length		2925 mm
A	Overall length	9485 mm
B	Length on ground (Transport)	4815 mm
C	Overall height (To top of boom)	3005 mm

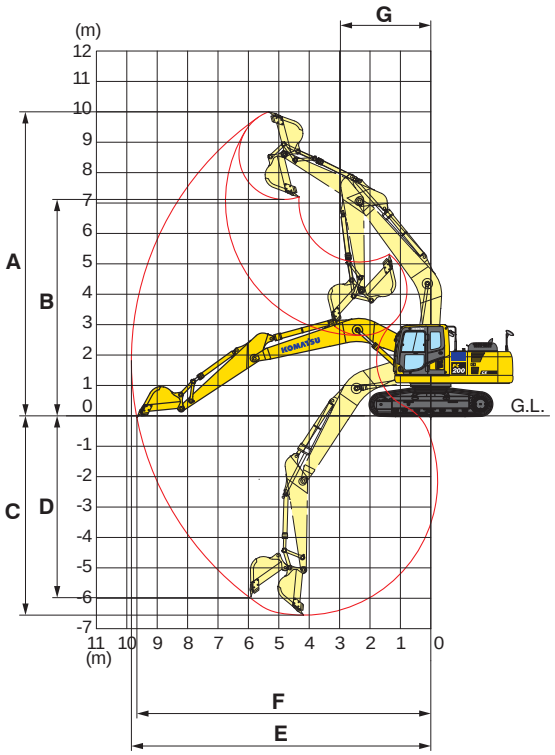
D	Overall width	2800 mm
E	Overall height (To top of cab)	3040 mm
F	Ground clearance, counterweight	1085 mm
G	Ground clearance (Minimum)	440 mm
H	Tail swing radius	2835 mm
I	Track length on ground	3275 mm
J	Track length	4070 mm
K	Track gauge	2200 mm
L	Width of crawler	2800 mm
M	Shoe width	600 mm
N	Grouser height	26 mm
O	Machine cab height	2095 mm
P	Machine cab width	2710 mm
Q	Distance, swing center to rear end	2795 mm



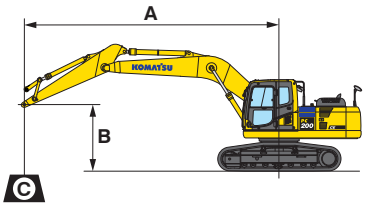


WORKING RANGE

Arm Length		2925 mm
A	Max. digging height	10065 mm
B	Max. dumping height	7160 mm
C	Max. digging depth	6515 mm
D	Max. vertical wall digging depth	5810 mm
E	Max. digging reach	9860 mm
F	Max. digging reach at ground level	9680 mm
G	Min. swing radius	2990 mm
SAE J 1179 Rating	Bucket digging force at power max.	132 kN 13500 kgf
	Arm crowd force at power max.	103 kN 10500 kgf
ISO 6015 Rating	Bucket digging force at power max.	149 kN 15200 kgf
	Arm crowd force at power max.	108 kN 11000 kgf



LIFTING CAPACITY WITH LIFTING MODE



A: Reach from swing center
B: Arm top pin height
C: Lifting capacity
Cf: Rating over front
Cs: Rating over side
⊛: Rating at maximum reach

Conditions:
- 5700 mm one-piece boom
- 2925 mm arm

PC200-10M0 Arm: 2925 mm Without bucket Shoe: 600 mm triple grouser

A / B	MAX	⊛ 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	6.15 m	*3830 kg	*3830 kg			*4430 kg	4410 kg						
6.0 m	7.26 m	*3590 kg	3150 kg			*5160 kg	4410 kg						
4.5 m	7.93 m	*3560 kg	2640 kg	4360 kg	2930 kg	*5730 kg	4240 kg	*6520 kg	*6520 kg				
3.0 m	8.29 m	3610 kg	2380 kg	4240 kg	2820 kg	6020 kg	3990 kg	*8460 kg	6110 kg				
1.5 m	8.36 m	3490 kg	2280 kg	4110 kg	2700 kg	5750 kg	3740 kg	8950 kg	5590 kg				
0 m	8.15 m	3560 kg	2320 kg	4020 kg	2610 kg	5560 kg	3560 kg	8630 kg	5310 kg	*6980 kg	*6980 kg		
–1.5 m	7.65 m	3880 kg	2520 kg	3990 kg	2580 kg	5470 kg	3490 kg	8530 kg	5230 kg	*11460 kg	9960 kg	*7240 kg	*7240 kg
–3.0 m	6.78 m	4650 kg	3010 kg			5510 kg	3520 kg	8600 kg	5290 kg	*15210 kg	10150 kg	*11880 kg	*11880 kg
–4.5 m	5.37 m	6730 kg	4310 kg					*8720 kg	5510 kg	*12230 kg	10530 kg		

PC200-10M0 Arm: 2925 mm Without bucket Shoe: 700 mm triple grouser

A / B	MAX	⊛ 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	6.15 m	*3830 kg	*3830 kg			*4430 kg	*4430 kg						
6.0 m	7.26 m	*3590 kg	3200 kg			*5160 kg	4480 kg						
4.5 m	7.93 m	*3560 kg	2690 kg	4450 kg	2980 kg	*5730 kg	4310 kg	*6520 kg	*6520 kg				
3.0 m	8.29 m	*3680 kg	2430 kg	4330 kg	2870 kg	6140 kg	4060 kg	*8460 kg	6210 kg				
1.5 m	8.36 m	3570 kg	2330 kg	4200 kg	2750 kg	5870 kg	3810 kg	9140 kg	5700 kg				
0 m	8.15 m	3650 kg	2370 kg	4110 kg	2660 kg	5680 kg	3640 kg	8810 kg	5420 kg	*6980 kg	*6980 kg		
–1.5 m	7.65 m	3970 kg	2570 kg	4080 kg	2640 kg	5590 kg	3560 kg	8710 kg	5340 kg	*11460 kg	10160 kg	*7240 kg	*7240 kg
–3.0 m	6.78 m	4750 kg	3070 kg			5630 kg	3600 kg	8780 kg	5400 kg	*15210 kg	10350 kg	*11880 kg	*11880 kg
–4.5 m	5.37 m	6870 kg	4400 kg					*8720 kg	5620 kg	*12230 kg	10730 kg		

PC200-10M0 Arm: 2925 mm Without bucket Shoe: 790 mm triple grouser

A / B	MAX	⊛ 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	6.15 m	*3830 kg	*3830 kg			*4430 kg	*4430 kg						
6.0 m	7.26 m	*3590 kg	3210 kg			*5160 kg	4490 kg						
4.5 m	7.93 m	*3560 kg	2700 kg	4460 kg	2990 kg	*5730 kg	4320 kg	*6520 kg	*6520 kg				
3.0 m	8.29 m	*3680 kg	2440 kg	4350 kg	2880 kg	6160 kg	4070 kg	*8460 kg	6230 kg				
1.5 m	8.36 m	3580 kg	2340 kg	4220 kg	2760 kg	5890 kg	3820 kg	9160 kg	5720 kg				
0 m	8.15 m	3660 kg	2370 kg	4120 kg	2670 kg	5690 kg	3650 kg	8840 kg	5440 kg	*6980 kg	*6980 kg		
–1.5 m	7.65 m	3990 kg	2580 kg	4090 kg	2640 kg	5610 kg	3570 kg	8740 kg	5350 kg	*11460 kg	10190 kg	*7240 kg	*7240 kg
–3.0 m	6.78 m	4770 kg	3080 kg			5650 kg	3610 kg	8810 kg	5410 kg	*15210 kg	10380 kg	*11880 kg	*11880 kg
–4.5 m	5.37 m	6900 kg	4410 kg					*8720 kg	5630 kg	*12230 kg	10760 kg		

PC200-10M0 Arm: 2925 mm Without bucket Shoe: 800 mm triple grouser

A / B	MAX	⊛ 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	6.15 m	*3830 kg	*3830 kg			*4430 kg	*4430 kg						
6.0 m	7.26 m	*3590 kg	3240 kg			*5160 kg	4530 kg						
4.5 m	7.93 m	*3560 kg	2730 kg	4500 kg	3020 kg	*5730 kg	4360 kg	*6520 kg	*6520 kg				
3.0 m	8.29 m	*3680 kg	2460 kg	4390 kg	2910 kg	6220 kg	4110 kg	*8460 kg	6280 kg				
1.5 m	8.36 m	3620 kg	2360 kg	4260 kg	2790 kg	5950 kg	3860 kg	9250 kg	5770 kg				
0 m	8.15 m	3700 kg	2400 kg	4160 kg	2700 kg	5750 kg	3680 kg	8920 kg	5490 kg	*6980 kg	*6980 kg		
–1.5 m	7.65 m	4030 kg	2610 kg	4130 kg	2670 kg	5670 kg	3610 kg	8830 kg	5400 kg	*11460 kg	10280 kg	*7240 kg	*7240 kg
–3.0 m	6.78 m	4820 kg	3110 kg			5710 kg	3640 kg	8900 kg	5460 kg	*15210 kg	10470 kg	*11880 kg	*11880 kg
–4.5 m	5.37 m	6960 kg	4450 kg					*8720 kg	5690 kg	*12230 kg	10850 kg		

* Load is limited by hydraulic capacity rather than tipping. Ratings are based on ISO 10567. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.

Major Component Weights

Items			Weight for a Machine (kg)
Boom (Include piping, pins, arm cylinder)	5.7 m	Without ATT piping	1890
		With 1 ATT piping	1940
Arm (Include piping, pins, bucket cylinder)	2.9 m	Without ATT piping	1020
		With 1 ATT piping	1120
Bucket (Without linkage)	0.80 m³ General Purpose		680
	0.94 m³ General Purpose		740
	1.00 m³ Heavy Duty		880
Roller guards	STD		45
	Full length		220
Shoe assembly (With link)	600 mm		2430
	700 mm		2830
	790 mm		2890
	800 mm		3080

Standard Specification:

Operating weight: 19900 kg
Operating weight including below spec.
Boom: 5700 mm Standard
Arm: 2925 mm Standard
Bucket: 0.8 m³ General Purpose
Shoe: 600 mm triple grouser
Counter weight: Standard
Track roller guard: Standard
Rated capacity of lubricants, coolant, full fuel tank, 80 kg operator.

Bucket Line-up

Category	Shape	Capacity (Heaped) (m³)	Width (mm)		Weight* (kg)	Tooth Quantity	Boom + Arm (m)	Tooth Type
			Without Side Shrouds, Side Cutters	With Side Shrouds, Side Cutters			Standard Undercarriage (600mm Shoes)	
							5.7+2.9	
General Purpose	New Shaped	0.80	1080	1185	680	5	◎	HP
	Me	0.80	1045	1170	765	5	◎	HP/KMAX2
	Me	0.93	1200	1325	770	5	◎	HP/KMAX2
	New Shaped	0.94	1220	1325	740	5	◎	HP
Heavy Duty	Me	1.00	1085	1190	880	5	□	HP

* With side cutters ◎: Density up to 2.1 t/m³ □ : Density up to 1.5 t/m³

STANDARD EQUIPMENT

ENGINE
- Automatic engine warm-up system
- Compliant Bio diesel fuel
- Coolant filter
- Dry type air cleaner, double element
- Engine, Komatsu SAA4D107E-1
- Engine overheat prevention system
- Auto idle shutdown
- Radiator and oil cooler dust proof net

ELECTRICAL SYSTEM
- Alternator, 24 V/35 A, brushless
- Auto-decelerator
- Batteries, 2 X 12 V/110 Ah
- Battery disconnect switch with operation lamp
- Starting motor, 24 V/4.5 kW
- Working LED light, 5 (Boom and RH and cab)

HYDRAULIC SYSTEM
- Boom holding valve
- Clogging sensor for hydraulic oil return filter
- Power maximizing system
- Pressure Proportional Control (PPC) hydraulic control system
- Working mode selection system

GUARDS AND COVERS
- Fan guard structure

UNDERCARRIAGE
- Hydraulic track adjusters (Each side)
- Track guiding guard, center section
- Track roller, 7 each side
- Shoe, 600 mm triple grouser

OPERATOR ENVIRONMENT
- Automatic A/C with defroster
- Equipment Management Monitoring System
- Large multi-lingual high resolution LCD monitor
- Multi function audio
- Rear view mirrors (RH, LH, rear, side-wise)
- ROPS cab (ISO 12117-2)
- Suspension seat

OTHER EQUIPMENT
- Blow-by sensor
- Counterweight
- Electric horn
- KOMTRAX (Only for approved area)
- Oil sampling port (Engine & hydraulic)
- Rear reflector
- Slip-resistant plates
- Travel alarm

OPTIONAL EQUIPMENT

ENGINE
- Air pre-cleaner
- Additional filter system for poor-quality fuel (Water separator)

ELECTRICAL SYSTEM
- Amber beacon lamp on cab roof
- Working lights
  - —1 on counterweight

HYDRAULIC SYSTEM
- Arm holding valve
- Clogging sensor for breaker return filter
- Service valve

GUARDS AND COVERS
- Heavy duty revolving frame undercover
- Revolving frame deck guard

UNDERCARRIAGE
- Shoes
  - —700 mm triple grouser
  - —790 mm triple grouser (for construction site)
  - —800 mm triple grouser
- Track roller guards (Full length)
- Track frame undercover

OPERATOR ENVIRONMENT
- 12 V power supply
- Bolt-on top guard, OPG top guard level 2 (ISO 10262)
- Cab accessories
  - —Sun roller blind
- Cab front guard
  - —Full height guard
  - —Half height guard
- Rear view monitor system

SERVICING EQUIPMENT
- Fuel refill pump
- Preventive Maintenance (PM) service connector

Standard/option equipment may change. For more details, please consult your distributer.

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· Up to 20% blended biodiesel fuel and paraffine fuel can be used. Please consult your Komatsu distributor for detail.

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