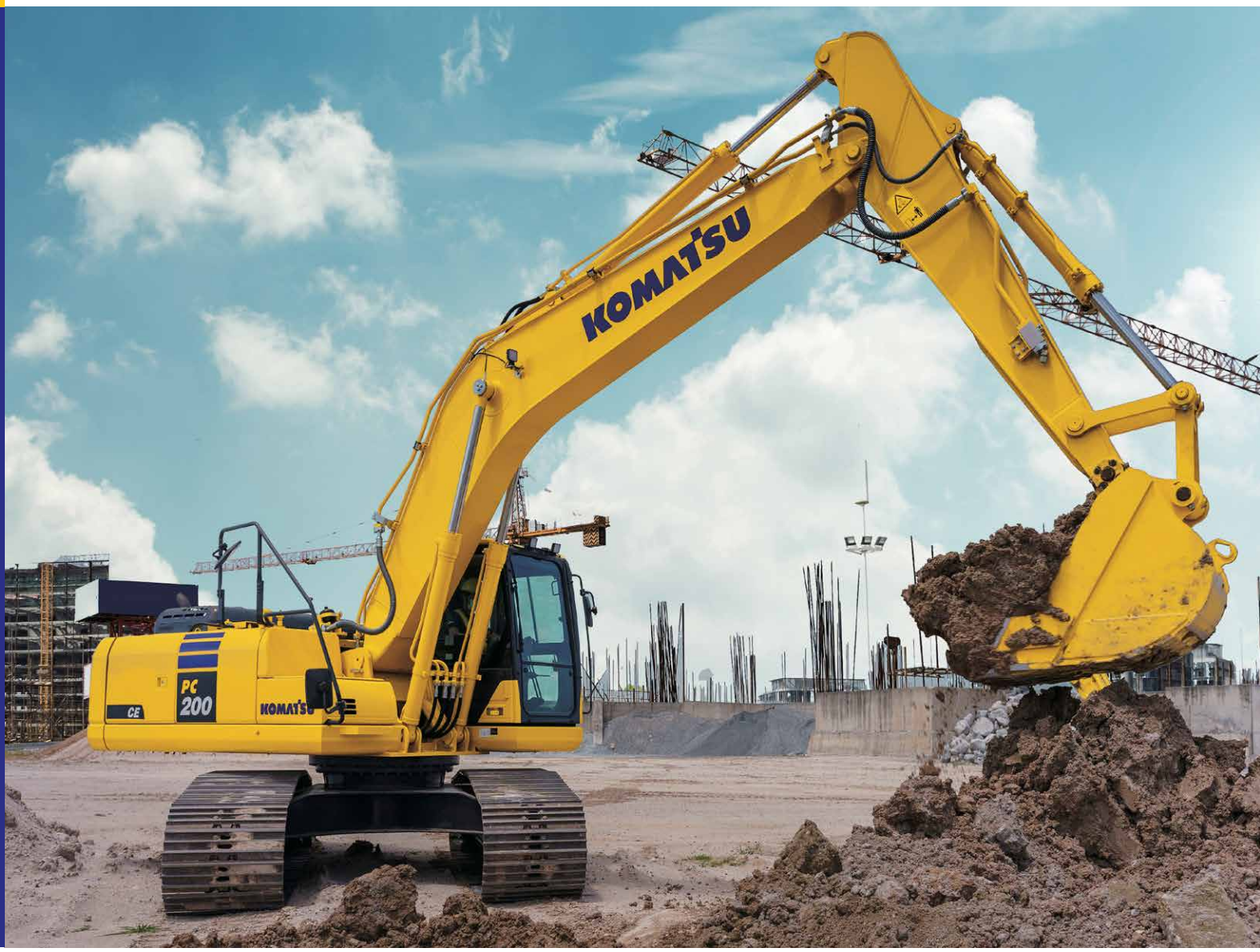
KOMATSU

THUBAS TUNGGAL PERKASA
Make it Better | Your Solutions | Customer is Our Goal

PC200-10M0 CE



Hydraulic excavator

Horsepower
Gross: 110 kW 148 hp / 2,000 rpm
Net: 103 kW 138 hp / 2,000 rpm

Operating weight
19,900 – 20,500 kg

Bucket capacity
0.80 – 1.00 m^3

Walk-around

High performance with low initial cost

PC200-10M0 CE is the ideal model for civil engineering operation, and the performance and cost is balanced.

Horsepower
Gross: 110 kW 148 hp / 2,000 rpm
Net: 103 kW 138 hp / 2,000 rpm

Operating weight
19,900 – 20,500 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.

Higher durability

- Enhanced work equipment.
- Rigidity swing circle.

Information and communication technology ICT and Komtrax

- Large multi-lingual high resolution Liquid Crystal Display (LCD) monitor.
- Equipment management monitoring system.
- Komtrax.

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.

Safety and comfort

- Large comfortable cab.
- ROPS Cab (ISO 12117-2).
- Rear view monitor system (optional).

Lower fuel consumption

Komatsu new engine technologies

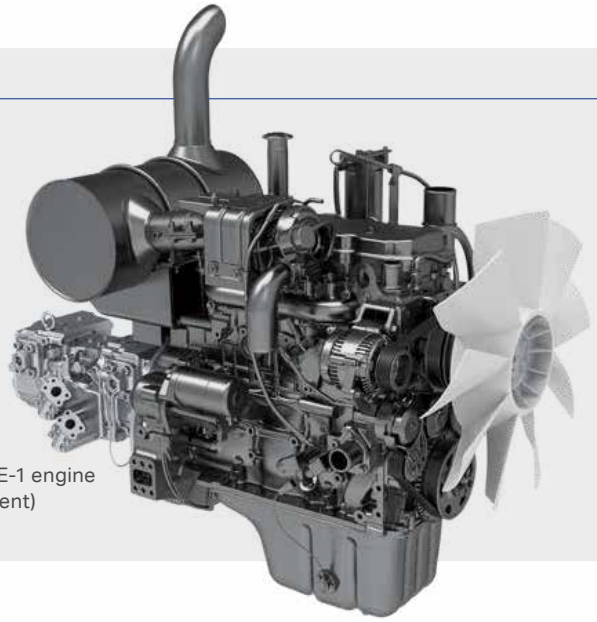
Low fuel consumption technology

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)

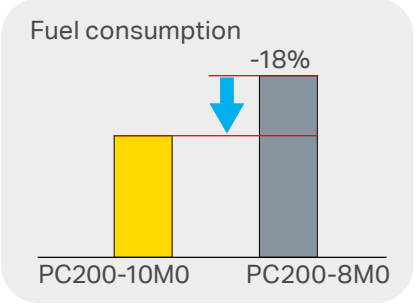
New 4-cylinder engine

Equipped with a 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

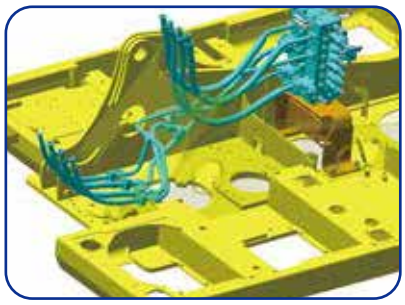
Fuel consumption is improved by 18% from PC200-8M0. Engine horse power is same as that of PC200-8M0.

*Based on typical work pattern in civil engineering operation via 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

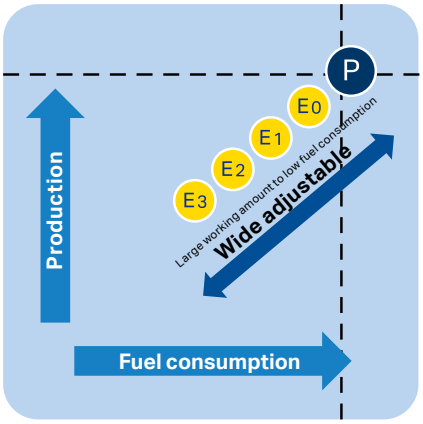
Idling caution

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

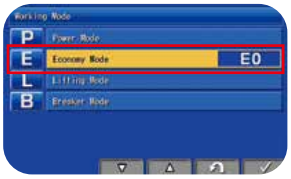
Just select a working mode that suits your purpose

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, the following ones are also available. Please select the appropriate mode according to the application.

Working mode	Application	Advantages
L	Lifting mode	•Suitable speed for precision work •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, 2 way •Power mode
ATT/E	Attachment economy mode	•Optimum engine rpm, hydraulic flow, 2 way •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, which makes it 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 a 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 an 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.

2,500 h
1,000 h

Easy maintenance time management

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

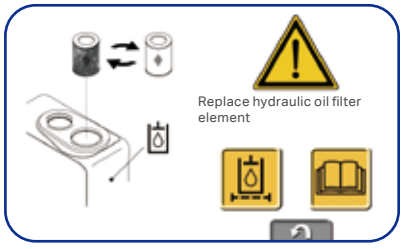
Easy to know maintenance time when using breaker

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 replacement of the filter. This minimizes the possibility of catastrophic failures, reducing maintenance costs.



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.

Fuel filtration

Some filtration systems were prepared according to operating environment and region.

Battery disconnect switch

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

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.

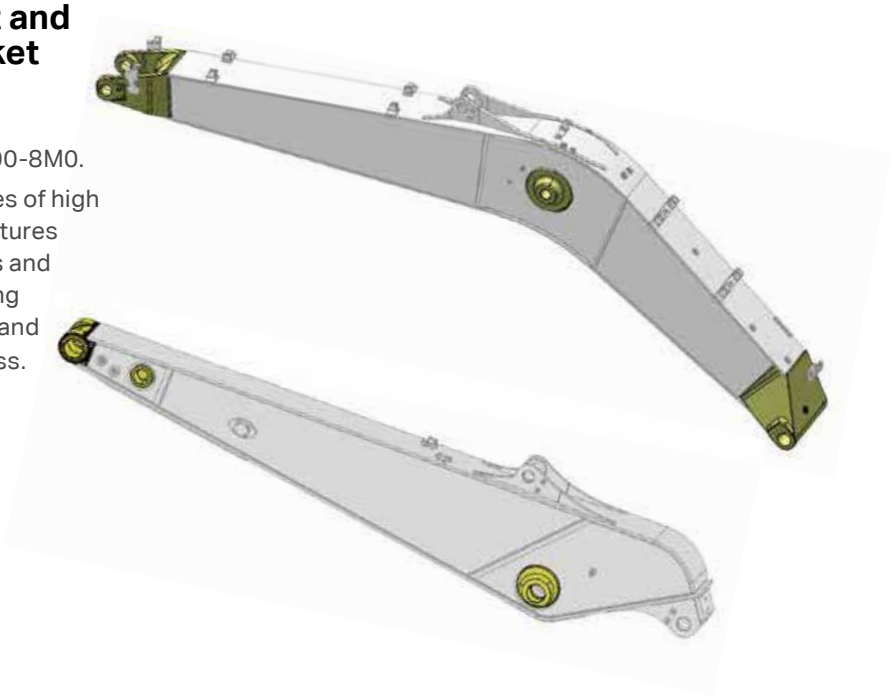
Higher durability

High strength work equipment and 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

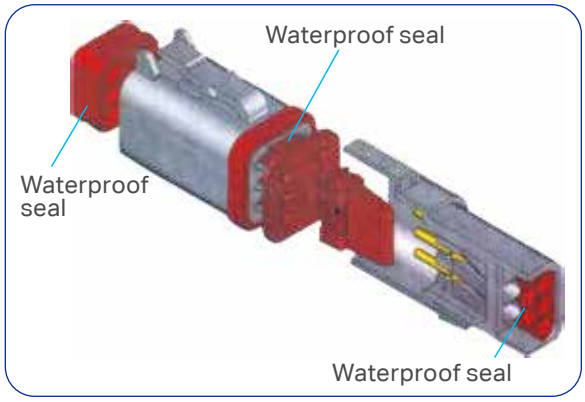
All of the major components, such as engine, hydraulic pumps, hydraulic motors and control valves are exclusively designed and manufactured by Komatsu.

Highly reliable electronic devices

Exclusively designed electronic devices have passed severe testing.

- Controllers • Sensors
- Connectors • Heat resistant wiring

Sealed connector



Safety and 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 hood easily and lock bar

Gas-assisted damper cylinders help opening the engine hood with light force. Lock bar is also included to support the hood during maintenance and repair work.

Thermal guard, fan guard

Prevent 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 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 contributes to increased safety and productivity

Suspension seat

It has a weight adjustment function and is included as standard equipment. This seat can reduce fatigue even in operation for a long time.

Pressurized cab

Pressurizing inside the cab minimizes the dust entering from outside. This helps to keep the cab clean.

Low cab noise

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

Multifunction audio (coming soon)

(Bluetooth® radio)

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)

It blocks strong sunlight, helping to reduce it at any time of the day.

USB port (coming soon)

12 V power supply (optional).

Magazine box.

Cool and hot box.

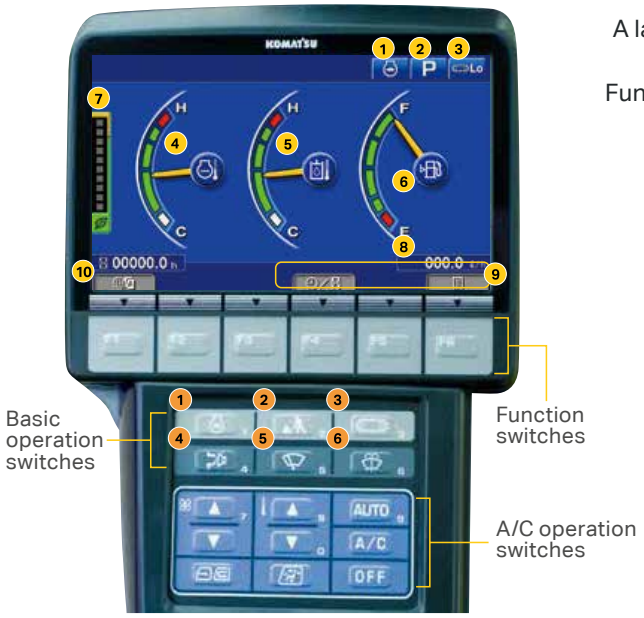
Luggage box.

Special **specs.**

Attachment piping specification

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

ICT and Komtrax



Large 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

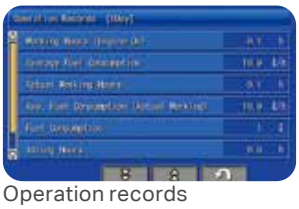
Supports efficient operation

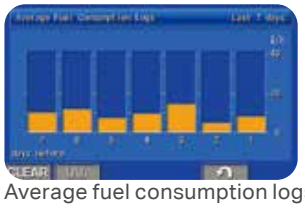
The main screen displays advices for promoting energy-saving operations as needed. The operator can use the ECO guidance menu to check the operation records, ECO guidance records, average fuel consumption logs, etc.


ECO guidance


ECO guidance menu

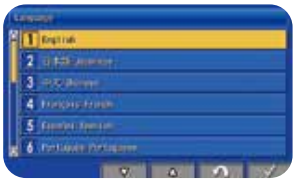

ECO guidance records


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.

Specifications

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	2,000 rpm.
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 1,334 mm x 85 mm.
Arm	1,135 mm x 1,490 mm x 95 mm.
Bucket	1,115 mm x 1,120 mm x 80 mm.

Drives and brakes

Steering control	Two levers with pedals.
Drive method	Hydrostatic.
Maximum drawbar pull	178 kN 18,200 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 rpm.

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 (sach 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.

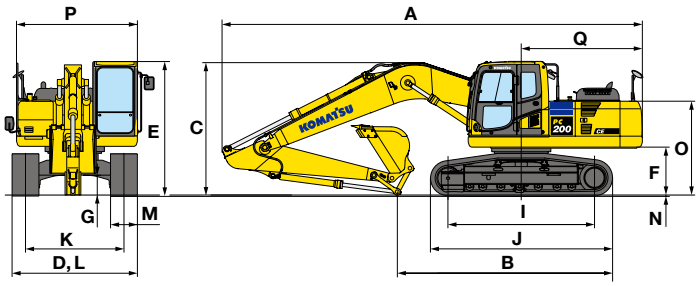
Operating weight (approximate)

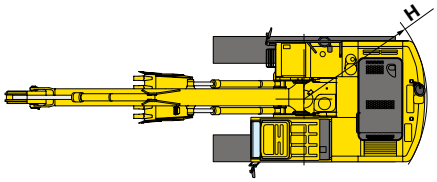
Operating weight including 5,700 mm one-piece boom, 2,925 mm arm, ISO 7451 heaped 0.8 m^3 General Purpose backhoe bucket, rated capacity of lubricants, coolant, full fuel tank, operator, and standard equipment.

Shoes	Operating weight	Ground pressure
600 mm	19,900 kg	45.4 kPa 0.46 kgf/ cm^2
700 mm	20,300 kg	35.2 kPa 0.36 kgf/ cm^2
800 mm	20,500 kg	35.1 kPa 0.36 kgf /cm^2

Dimensions

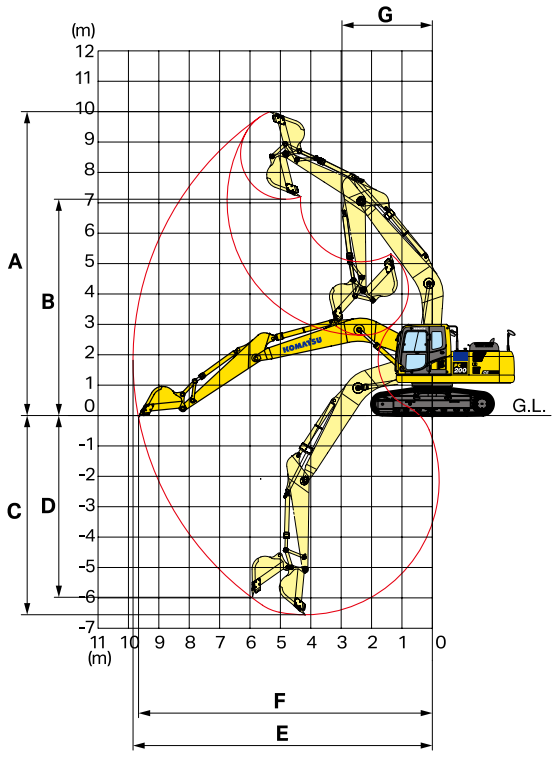
	Arm length	2,925 mm
A	Overall length	9,485 mm
B	Length on ground (transport)	4,815 mm
C	Overall height (to top of boom)	3,005 mm
D	Overall width	2,800 mm
E	Overall height (to top of cab)	3,040 mm
F	Ground clearance, counterweight	1,085 mm
G	Ground clearance (minimum)	440 mm
H	Tail swing radius	2,835 mm
I	Track length on ground	3,275 mm
J	Track length	4,070 mm
K	Track gauge	2,200 mm
L	Width of crawler	2,800 mm
M	Shoe width	600 mm
N	Grouser height	26 mm
O	Machine cab height	2,095 mm
P	Machine cab width	2,710 mm
Q	Distance, swing center to rear end	2,795 mm



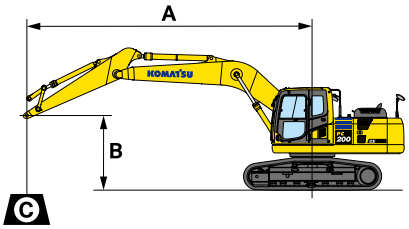


Working range

	Arm length	2,925 mm
A	Max. digging height	10,065 mm
B	Max. dumping height	7,160 mm
C	Max. digging depth	6,515 mm
D	Max. vertical wall digging depth	5,810 mm
E	Max. digging reach	9,860 mm
F	Max. digging reach at ground level	9,680 mm
G	Min. swing radius	2,990 mm
SAE J 1179 Rating	Bucket digging force at power max.	138 kN 14,100 kg
	Arm crowd force at power max.	101 kN 10,300 kg
ISO 6015 Rating	Bucket digging force at power max.	149 kN 15,200 kg
	Arm crowd force at power max.	108 kN 11,000 kg



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:
- **5,700 mm one-piece boom**
- **2,925 mm arm**

PC200-10M0 CE Arm: 2,925 mm Without bucket Shoe: 600 mm triple grouser

B \ A	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	6.42 m	*3,340 kg	*3,340 kg			*4,520 kg	*4,520 kg						
6.0 m	7.49 m	*3,190 kg	3,080 kg	*3,560 kg	3,090 kg	*4,750 kg	4,560 kg						
4.5 m	8.15 m	*3,190 kg	2,600 kg	4,470 kg	3,030 kg	*5,390 kg	4,370 kg	*6,010 kg	*6,010 kg				
3.0 m	8.49 m	*3,330 kg	2,350 kg	4,340 kg	2,900 kg	6,130 kg	4,090 kg	*8,210 kg	6,290 kg	*12,010 kg	11,810 kg		
1.5 m	8.56 m	3,410 kg	2,240 kg	4,180 kg	2,760 kg	5,840 kg	3,820 kg	9,110 kg	5,730 kg	*7,340 kg	*7,340 kg		
0	8.36 m	3,470 kg	2,260 kg	4,060 kg	2,650 kg	5,610 kg	3,610 kg	8,700 kg	5,380 kg	*5,880 kg	*5,880 kg		
-1.5 m	7.87 m	3,740 kg	2,430 kg	4,010 kg	2,600 kg	5,510 kg	3,520 kg	8,560 kg	5,260 kg	*10,000 kg	9,920 kg	*5,870 kg	*5,870 kg
-3 m	7.03 m	4,410 kg	2,850 kg			5,530 kg	3,540 kg	8,640 kg	5,320 kg	*15,560 kg	10,260 kg	*10,420 kg	*10,420 kg
-4.5 m	5.68 m	6,120 kg	3,930 kg					8,870 kg	5,520 kg	*13,360 kg	10,620 kg		

PC200-10M0 CE Arm: 2,925 mm Without bucket Shoe: 700 mm triple grouser

B \ A	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	6.42 m	*3,340 kg	*3,340 kg			*4,520 kg	*4,520 kg						
6.0 m	7.49 m	*3,190 kg	3,140 kg	*3,560 kg	3,150 kg	*4,750 kg	4,640 kg						
4.5 m	8.15 m	*3,190 kg	2,660 kg	4,580 kg	3,100 kg	*5,390 kg	4,450 kg	*6,010 kg	*6,010 kg				
3.0 m	8.49 m	*3,330 kg	2,400 kg	4,440 kg	2,970 kg	6,270 kg	4,170 kg	*8,210 kg	6,420 kg	*12,010 kg	*12,010 kg		
1.5 m	8.56 m	3,500 kg	2,300 kg	4,290 kg	2,830 kg	5,970 kg	3,900 kg	9,320 kg	5,860 kg	*7,340 kg	*7,340 kg		
0	8.36 m	3,560 kg	2,320 kg	4,170 kg	2,720 kg	5,750 kg	3,700 kg	8,910 kg	5,500 kg	*5,880 kg	*5,880 kg		
-1.5 m	7.87 m	3,840 kg	2,490 kg	4,110 kg	2,670 kg	5,640 kg	3,600 kg	8,780 kg	5,380 kg	*10,000 kg	*10,000 kg	*5,870 kg	*5,870 kg
-3 m	7.03 m	4,520 kg	2,920 kg			5,670 kg	3,620 kg	8,850 kg	5,450 kg	*15,560 kg	10,490 kg	*10,420 kg	*10,420 kg
-4.5 m	5.68 m	6,270 kg	4,020 kg					*8,960 kg	5,650 kg	*13,360 kg	10,840 kg		

PC200-10M0 CE Arm: 2,925 mm Without bucket Shoe: 800 mm triple grouser

B \ A	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	6.42 m	*3,340 kg	*3,340 kg			*4,520 kg	*4,520 kg						
6.0 m	7.49 m	*3,190 kg	3,170 kg	*3,560 kg	3,180 kg	*4,750 kg	4,680 kg						
4.5 m	8.15 m	*3,190 kg	2,680 kg	4,620 kg	3,120 kg	*5,390 kg	4,490 kg	*6,010 kg	*6,010 kg				
3.0 m	8.49 m	*3,330 kg	2,430 kg	4,480 kg	3,000 kg	6,330 kg	4,210 kg	*8,210 kg	6,470 kg	*12,010 kg	*12,010 kg		
1.5 m	8.56 m	3,540 kg	2,320 kg	4,330 kg	2,850 kg	6,030 kg	3,940 kg	9,410 kg	5,910 kg	*7,340 kg	*7,340 kg		
0	8.36 m	3,590 kg	2,340 kg	4,210 kg	2,740 kg	5,810 kg	3,730 kg	9,000 kg	5,550 kg	*5,880 kg	*5,880 kg		
-1.5 m	7.87 m	3,880 kg	2,520 kg	4,160 kg	2,690 kg	5,700 kg	3,640 kg	8,860 kg	5,440 kg	*10,000 kg	*10,000 kg	*5,870 kg	*5,870 kg
-3 m	7.03 m	4,560 kg	2,950 kg			5,530 kg	3,540 kg	8,640 kg	5,320 kg	*15,560 kg	10,580 kg	*10,420 kg	*10,420 kg
-4.5 m	5.68 m	6,330 kg	4,060 kg					8,870 kg	5,520 kg	*13,360 kg	10,620 kg		

Major component weights

Items			Weight for a machine (kg)
Boom (Including piping, pins, arm cylinder)	**5.7 m**	Without ATT piping	1,890
		With 1 ATT piping	1,940
Arm (Including piping, pins, bucket cylinder)	**2.9 m**	Without ATT piping	1,020
		With 1 ATT piping	1,120
Bucket (Without linkage)	0.80 m^3 general purpose		680
	0.94 m^3 general purpose		740
	1.00 m^3 heavy duty		880
Roller guards	STD		45
	Full length		220
Shoe assembly (With link)	600 mm		2,430
	700 mm		2,890
	800 mm		3,080

Standard specification

Operating weight: 19,900 kg

Operating weight including below spec.

Boom: 5,700 mm standard

Arm: 2,925 mm standard

Bucket: 0.8 m^3 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 (m^3)	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	1,080	1,185	680	5	●	HP
	Me	0.80	1,045	1,170	765	5	●	HP / KMAX2
	Me	0.93	1,200	1,325	770	5	●	HP / KMAX2
	New shaped	0.94	1,220	1,325	740	5	●	HP
Heavy duty	Me	1.00	1,085	1,190	880	5	□	HP

*With side cutters ● Density up to 2.1 t/m^3 □ Density up to 1.5 t/m^3

Standard equipment

Engine

- Automatic engine warm-up system.
- Compliant biodiesel 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 and 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 (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 guarda:

-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 distributor.

Satellite monitoring system

KOMTRAX

KOMTRAX is a revolutionary tracking system designed to save time and money. Nowadays, the equipment can be tracked anytime and anywhere. This valuable data, received via the KOMTRAX website, can be used to optimize planning of the movements and performance of the equipment.

Features

Location

Komtrax uses a satellite positioning network to inform the location of the equipment.

Geofence

In partnership with their Komatsu Distributor, owners can create virtual fences (Geo) to receive alerts when the equipment enters or leaves the designated range for operations.

Service meter reading

Daily report of the equipment's working hours, which allows planning maintenance and replacement of components.

Komtrax operation maps

In the operation maps you can check the times of the day when the equipment is in operation and if the workers are performing their duties in the stipulated times.

Fuel measurement level

Shows the amount of fuel at the end of the working day.

Water temperature daily record

Constant record of the increase of engine water temperature with a daily report at the end of the da.

Cautions

If a light turns on in the cab of the equipment, it indicates that a problem occurs. From the website of the application you can check the reason for the problem, the time it occurred and a record number will be generated.

Abnormality codes

Abnormality codes are transmitted to the Komatsu Distributor for troubleshooting before technicians arrive at the workplace. An email notification is also sent with the code of what happened.

Notice of maintenance replacement

The system generates alerts to inform that the equipment requires replacement of elements like filters and oil.

Equipment key hours

Detailed information on key equipment hours such as excavation, travel, unloading and elevation. This can help to monitor and compare equipment performance, in addition to working hours and idle times.

Loading frequency

Information on the load factor of the equipment to know if it is performing in a light, medium or heavy work.

Fuel consumption

On new Komatsu equipment, you can get the actual status of the fuel gallons consumed, besides an average of the fuel spent per hour during the period of operation.

Monthly and annual data reports

Komtrax generates summaries of all critical system data to help with analysis of fleet utilization, equipment scheduling, future equipment purchases, labor costs, etc.

Check with your Komatsu distributor for the information available for your model and service availability in your country.

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