

KOMATSU®

PC210-8M0

PC210LC-8M0

PC
210

GROSS HORSEPOWER

Gross: 110 kW 147 HP / 2000 min⁻¹

Net: 103 kW 138 HP / 2000 min⁻¹

OPERATING WEIGHT

PC210-8M0: 20,700 kg

PC210LC-8M0: 21,600 kg

BUCKET CAPACITY

0.85-1.70 m³



Photos may include optional equipment.

WALK-AROUND

Ecology and Economy

- High-powered turbocharged and water-cooled Komatsu SAA6D107E-1 Engine
- Improved Hydraulics to optimize output
- Auto idling system to reduce fuel consumption
- Advanced technology for highly effective cooling system
- Improved fuel efficiency – 7% better than PC210-8 model

Easy Maintenance

- Long replacement interval of engine oil, hydraulic oil, engine oil filter and hydraulic filter
- Highly effective anti-slip plates for safer operation
- Large handrail step provides easy access to the engine and hydraulic components

Excellent Reliability and Durability

- Strengthened structures – Revolving frame, Arm & Boom for tough applications
- Idler guard reinforcement for longer life
- Reinforced metal strips to avoid damage to arm
- Range of buckets to address specific applications

Working Environment

- Large comfortable cab with ergonomically designed operator seat
- Low noise and vibration cab damper mounting
- Large capacity air conditioner (optional)

KOMTRAX

Information & Communication Technology

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

Mode Selection

- Wide range of operating modes to address variety of applications
- E mode for improved fuel efficiency
- P mode for maximizing output
- Breaker mode for optimum engine RPM and hydraulic flow



	PC210-8M0	PC210LC-8M0
HORSEPOWER	Gross: 110 kW 147 HP / 2000 min ⁻¹	110 kW 147 HP / 2000 min ⁻¹
	Net: 103 kW 138 HP / 2000 min ⁻¹	103 kW 138 HP / 2000 min ⁻¹
OPERATING WEIGHT	20,700 kg	21,600 kg
BUCKET CAPACITY	0.85-1.70 m ³	0.85-1.70 m ³

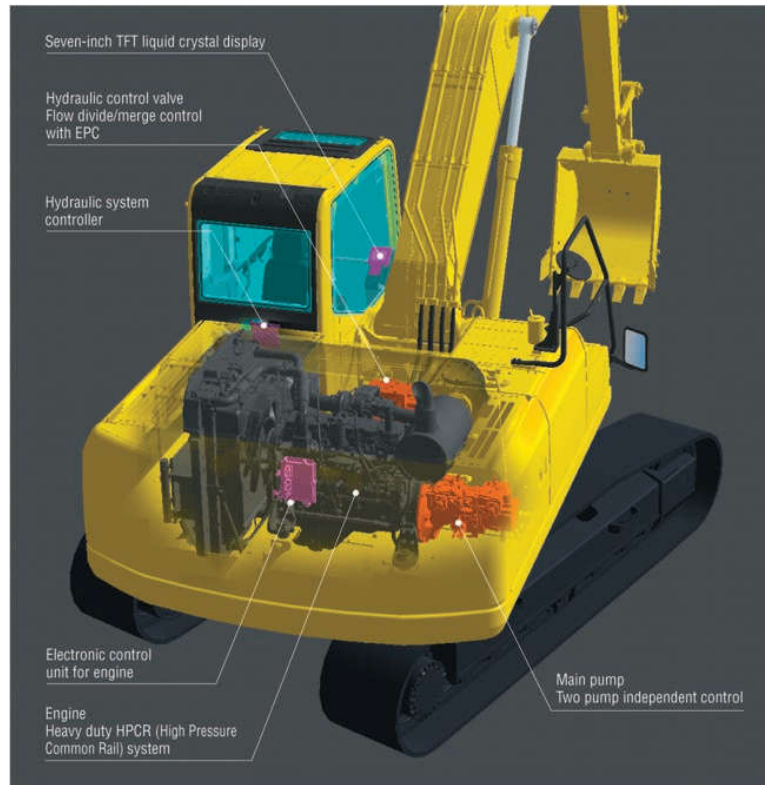
PRODUCTIVITY

Komatsu Technology



Komatsu develops and manufactures all major components, such as engines, electronics and hydraulic components, in-house. With this Komatsu Technology, and added customer feedback, Komatsu is making advancements.

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-stage 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 Efficiency

7% improved

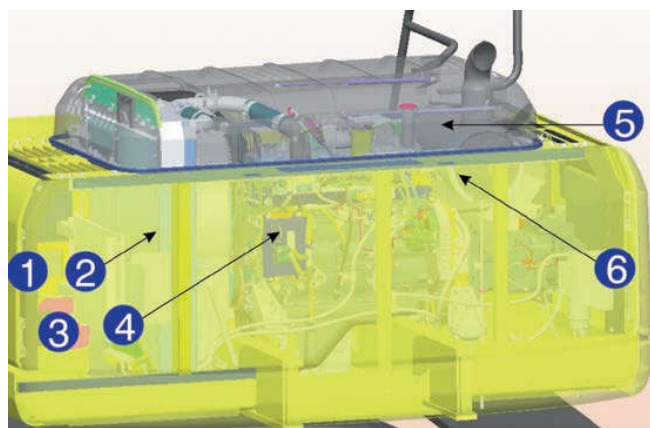
vs. PC210-8
based on typical work pattern collected via KOMTRAX.
Fuel Efficiency varies depending on job conditions.

ADVANCED HYDRAULICS**Low Emission Engine**

Komatsu SAA6D107E-1 has low NOx emission, and is EPA Tier 3 and EU Stage 3A emissions equivalent.

**Low Operation Noise**

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



- 1 Reduced fan speed
- 2 Large capacity radiator
- 3 Electronically controlled common rail engine
- 4 Multi stage injection
- 5 Sound insulation cover
- 6 Low noise muffler

Idling caution

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

**Selectable Working Modes**

The PC210-8M0 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"> Maximum production/power Fast cycle times
E	Economy Mode	<ul style="list-style-type: none"> Good cycle times Better fuel Economy
B	Breaker Mode	<ul style="list-style-type: none"> Optimum engine RPM and hydraulic flow
L	Lifting Mode	<ul style="list-style-type: none"> Suitable attachment speed
ATT/P	Attachment Power Mode	<ul style="list-style-type: none"> Optimum engine RPM, Hydraulic flow 2 way Power mode
ATT/E	Attachment Economy Mode	<ul style="list-style-type: none"> Optimum engine RPM, Hydraulic flow 2 way, Economy mode

**Lifting Mode**

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

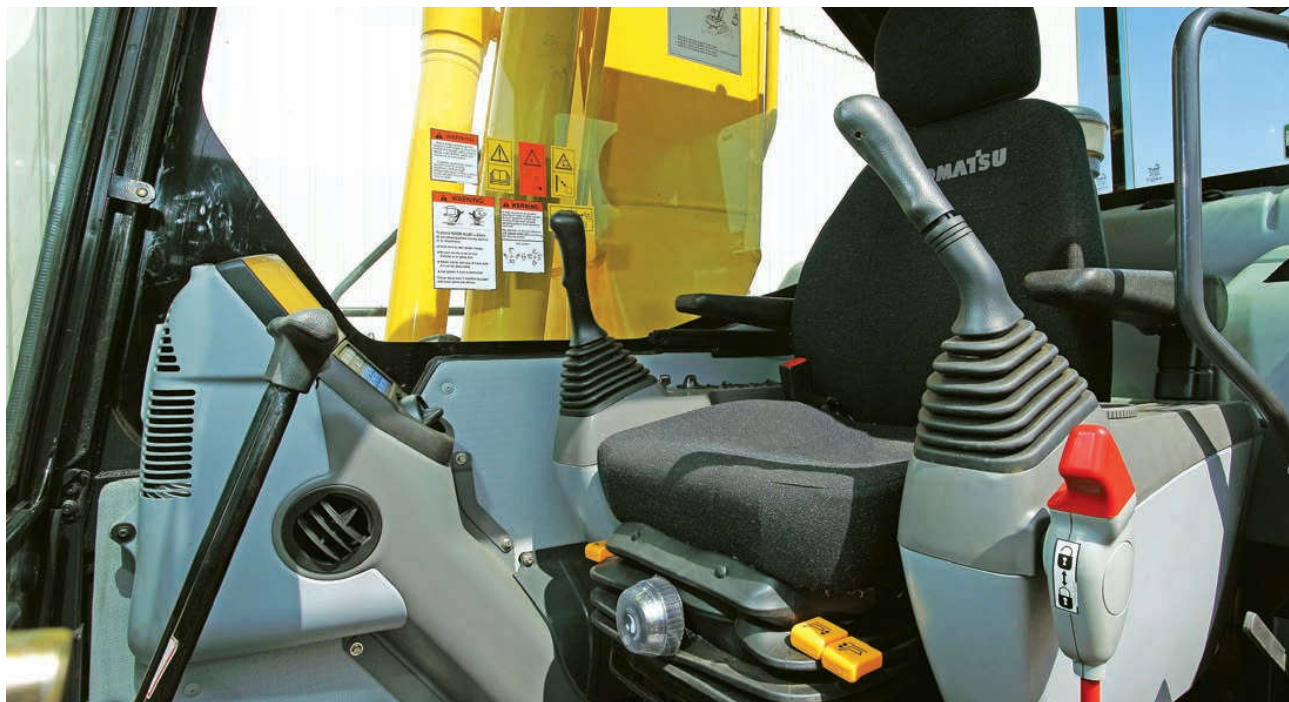
ECO-gauge assists Energy-saving operations

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 CO₂ emissions and efficient fuel consumption.



Eco-gauge

COMFORT

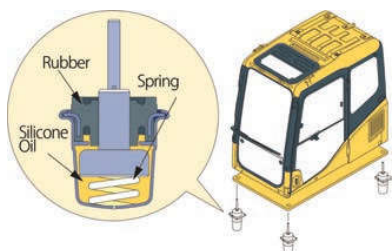


Low Cab Noise

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 allow this machine to generate a low level of noise.

Low Vibration with Cab Damper Mounting

PC210-8M0 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 the operator seat.



Wide Cab

Wide spacious cab includes seat with reclining backrest. The seat height and longitudinal inclination are easily adjusted using a pullup 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.



Automatic Air-Conditioner (Optional)

Enables you to easily and precisely set cab temperature with the help of instruments



on the large LCD. The bi-level control function keeps the operator's head and feet cool uniformly. This improved air flow function keeps the inside of the cab comfortable. Defroster function keeps the front glass clear.



SAFETY**Slip-Resistant Plates**

Highly durable slip resistant plates ensure safety during maintenance by improving footgrip.

**Pump/Engine Room Partition**

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

Lock lever

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

**Large Side-view and Rear Mirrors**

Enlarged left-side mirror and addition of rear and side mirror allow the PC210- 8M0 to meet the new ISO visibility requirements.

**Thermal and Fan Guards**

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





Supports Efficiency Improvement

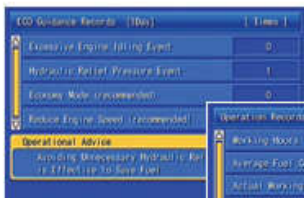
The main screen display advises promoting energy-saving operations as needed. The operator can use the ECO Guidance menu to check the Operation Records, ECO Guidance Records, Average Fuel Consumption Logs, etc.



Eco-guidance



Eco-guidance menu



Eco-guidance records



Operation records

Average fuel consumption logs

Large Multi-lingual High Resolution LCD Monitor

A large user-friendly high resolution LCD colour monitor enables safe, accurate and smooth work. Visibility and resolution are further improved compared to the current 7- inch large TFT LCD. Simple and easy-to-operate switches, Function keys facilitate multi-function operations. Displays data in 13 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 Traveling Speed | 7 Eco-gauge |
| 4 Engine water temperature gauge | 8 Fuel Consumption gauge |
| | 9 Function switches menu |

Basic operations switches

- | | |
|-------------------------|----------------------|
| 1 Auto-decelerator | 3 Traveling selector |
| 2 Working Mode selector | 4 Buzzer cancel |

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.

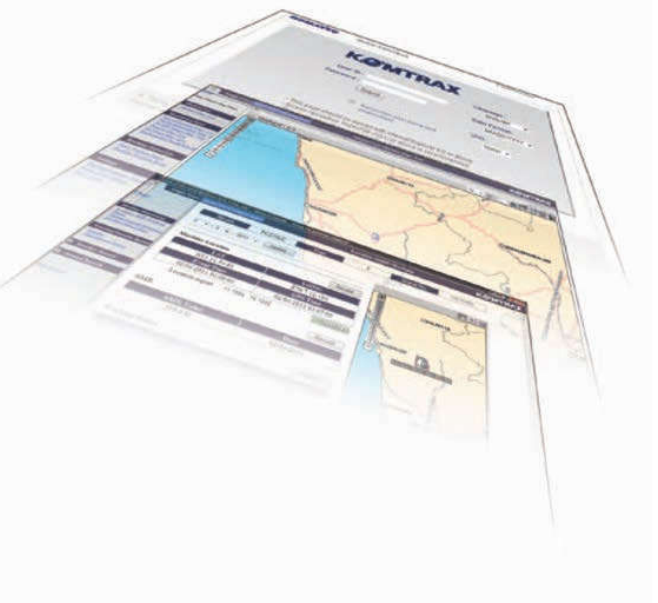




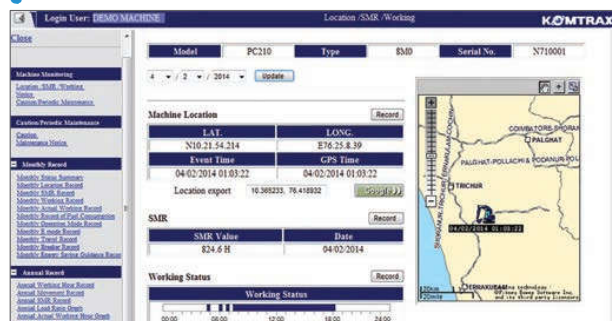
The Komatsu Tracking System KOMTRAX, provides a revolutionary new way to monitor your equipment, anytime, anywhere. It lets you pin-point the precise location of your machines and obtain machine data. Using GPS location and communication technology. It is designed to be futuristic and will meet your demands today and tomorrow.

KOMTRAX will answer the most important questions about your machine:

- Is the machine working profitably
- Is the machine safe
- Is the machine in good health
- Is the machine well maintained
- Is the machine being used effectively
- Is the machine where you expect it to be



Check machine location



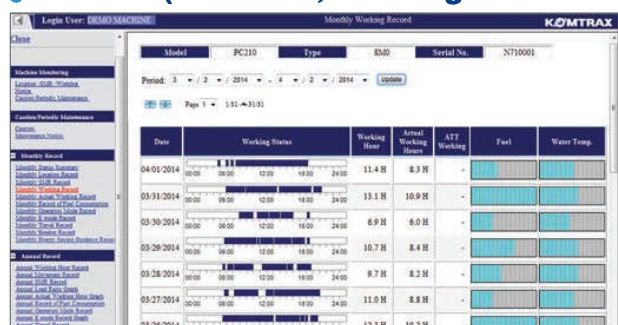
Check service meter reading (SMR)



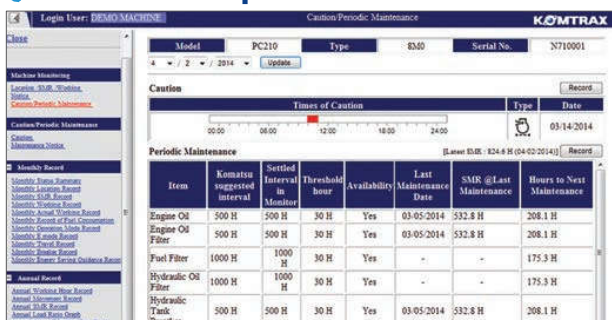
Monthly fuel consumption



Record (fuel level, working hours etc.)



Caution and periodic maintenance



Monthly status summary



MAINTENANCE

Side-by-side cooling

Radiator, after-cooler and oil cooler are arranged in parallel, and easy to clean, remove and install. Made of aluminum, they have high cooling efficiency and are easily recycled.



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

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



Washable Cab Floormat

The PC210-8M0 's cab floormat is easy to keep clean. The gently inclined surface has a flanged floor mat and drainage holes to facilitate runoff.

Easy Access to Engine Oil Filter and Fuel Drain Valve

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



Equipped with the Eco-drain Valve as Standard

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



Air Conditioner Filter



Hassle-free removal and installation of air conditioner filters.

Large-capacity Fuel Tank and Rustproof Treatment

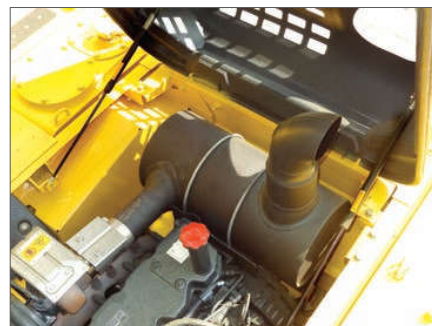
400 litre high capacity fuel tank is rustproof treated for effective corrosion resistance.

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 help of gas-assisted damper cylinders.



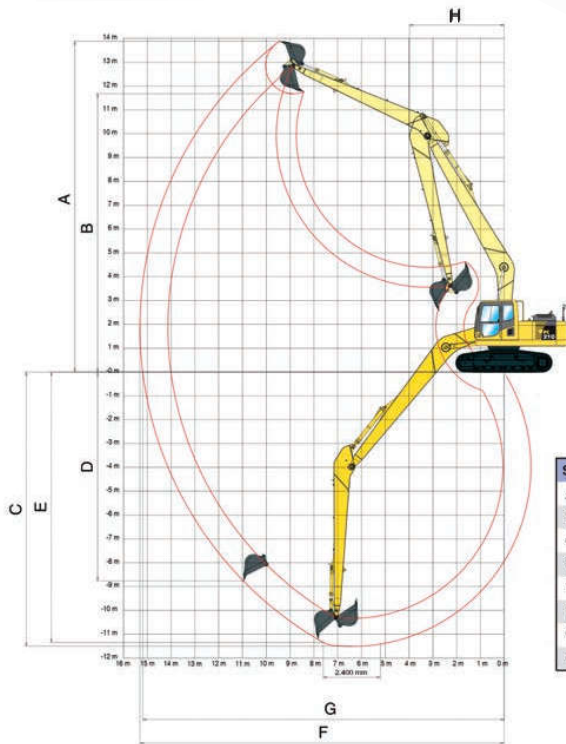
SPECIAL VARIANTS

PC210LC-8M0 Super Long Front - Specifications

PC210LC-8M0 Super Long Front (SLF) is specially designed to work in dredging applications. Maximum horizontal reach 15,240mm, operating weight : 23,350kg and work equipment configuration 8.3 meter long boom, 6.4 meter long arm and 0.5 m³ bucket



Track shoe
Standard : 600 mm
Optional : 800 mm

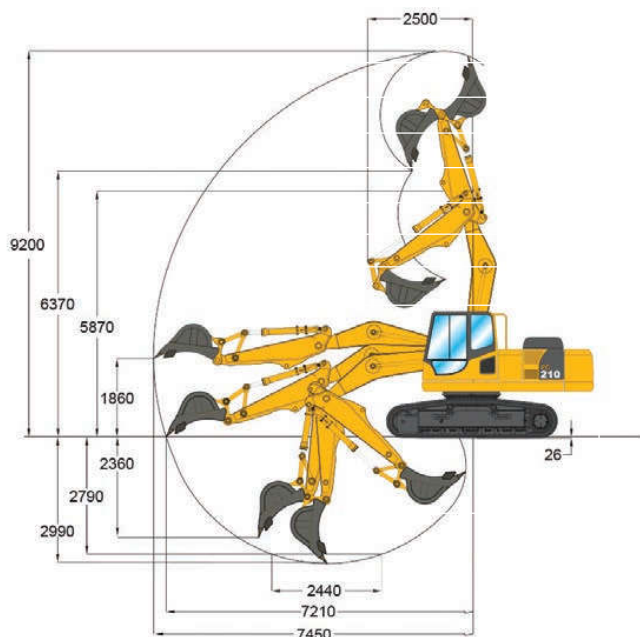
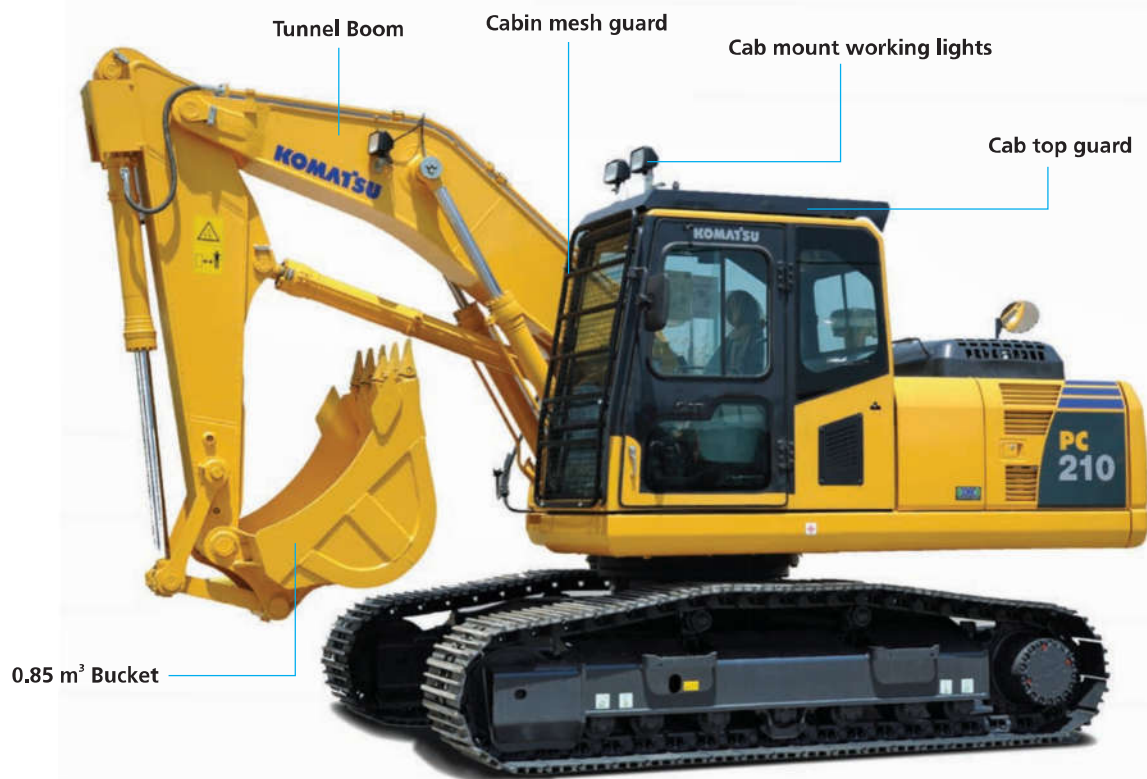


SUPER LONG FRONT		PC210LC-8M0
A	Max. digging height	13810 mm
B	Max. dumping height	11480 mm
C	Max. digging depth	11530 mm
D	Max. vertical wall digging depth	9510 mm
E	Max. digging depth of cut for 2.44m level	11300 mm
F	Max. digging reach	15240 mm
G	Max. digging reach at ground level	15120 mm
H	Min. swing radius	3980 mm

SPECIAL VARIANTS

PC210-8M0 Tunnel - Specifications

PC210LC-8M0 Tunnel spec is specially designed to work in minimum 6 meter tunnel diameter.
Operating weight :18900 kg and work equipment configuration 3.4 meter short boom,
2.4 meter arm and 0.85 m³ bucket



	Boom: 3.4m	Arm: 2.4m	Bucket: 0.85 m ³
A	Overall length		6,695 mm
B	Length on ground (transport)		4,895 mm
C	Overall height (to top of boom)		3,015 mm
D	Overall width		2,800 mm
E	Overall height (to top of cab)		3,035 mm
F	Ground clearance, counter weight		1,085 mm
G	Ground clearance (minimum)		440 mm
H	Tail swing radius		2,725 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		2,685 mm

KOMATSU TOTAL SUPPORT



Komatsu Total Support

To keep your machine available and minimize operation cost when you need it, Komatsu Distributor is ready to provide variety of support before and after procuring the machine.

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 certain quality of machine will be delivered.

Parts availability

Komatsu Distributor is available for emergency inquiry by the customers for genuine, quality guaranteed Komatsu parts.

Technical support

Komatsu product support service (Technical support) are designed to help customer. Komatsu Distributor offers a variety of effective services how much Komatsu is dedicated to the maintenance and support of Komatsu machine.

- Preventive Maintenance (PM) clinic
- Oil & Wear analysis program

Repair & maintenance service

Komatsu Distributor offers quality repair service, periodical maintenance, and maintenance service to the customer, utilizing and promoting Komatsu developed programs.

Komatsu Reman (Remanufactured) components

Komatsu Reman products are the result of the implementation of the Komatsu global Reman policy which establishes and agrees to reduce the owning, operating and total Life Cycle Costs (LCC) to Komatsu's customer through prompt delivery, high quality and competitively priced in own remanufactured products (QDC).



ATTACHMENTS

Komatsu Genuine Attachment Tool

Komatsu recommends a wide range of attachment tools for Hydraulic Excavators provided to suit customer's specific applications.

Hydraulic Breaker

Hydraulic Breaker is an attachment tool used for crushing rock beds, paved surfaces and demolishing concrete structures, etc. The large gas chamber, ideal gas pressure ratio and long-stroke piston deliver a powerful impact force. Since the breaker unit does not require an accumulator, the number of parts has been reduced, resulting in lower maintenance costs.

Komatsu Breakers deliver high impact force with every blow thus, an ideal choice for primary and second breaking.

Model type	JTHB210-3	
Working weight	kg	1780
Oil flow	l/min	160~200
Operating pressure	Mpa	14~18
Impact rate	bpm	450~630
Chisel diameter	mm	ø 135

- Accumulator FREE design
- High Impact Energy
- High Reliability & Durability
- Low Operating Cost



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⁻¹
 Fan drive method for radiator cooling Mechanical
 Governor All-speed control, electronic

EPA Tier 3 and EU Stage 3A emissions 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 kg/cm²
 Travel circuit 37.3 MPa 380 kg/cm²
 Swing circuit 28.9 MPa 295 kg/cm²
 Pilot circuit 3.2 MPa 33 kg/cm²

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



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⁻¹



UNDERCARRIAGE

Center frame X-frame
 Track frame Box-section
 Seal of track Sealed track
 Track adjuster Hydraulic
 Number of shoes (each side):
 PC210-8M0 45
 PC210LC-8M0 49
 Number of carrier rollers 2 each side
 Number of track rollers (each side):
 PC210-8M0 7
 PC210LC-8M0 9



COOLANT & 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 5.7m mono boom, 2.4m arm, 1.10m³ bucket, operator, lubricant, coolant, full fuel tank and standard equipment.

Mono Boom PC210LC-8M0		
Triple grouser Shoes	Operating Weight	Ground Pressure
600 mm	21,600 kg	0.47 kg/cm ²

Operating weight, including 5.7m, mono boom, 2.4 arm, 1.00 m³ bucket, operator, lubricant, coolant, full fuel tank and standard equipment.

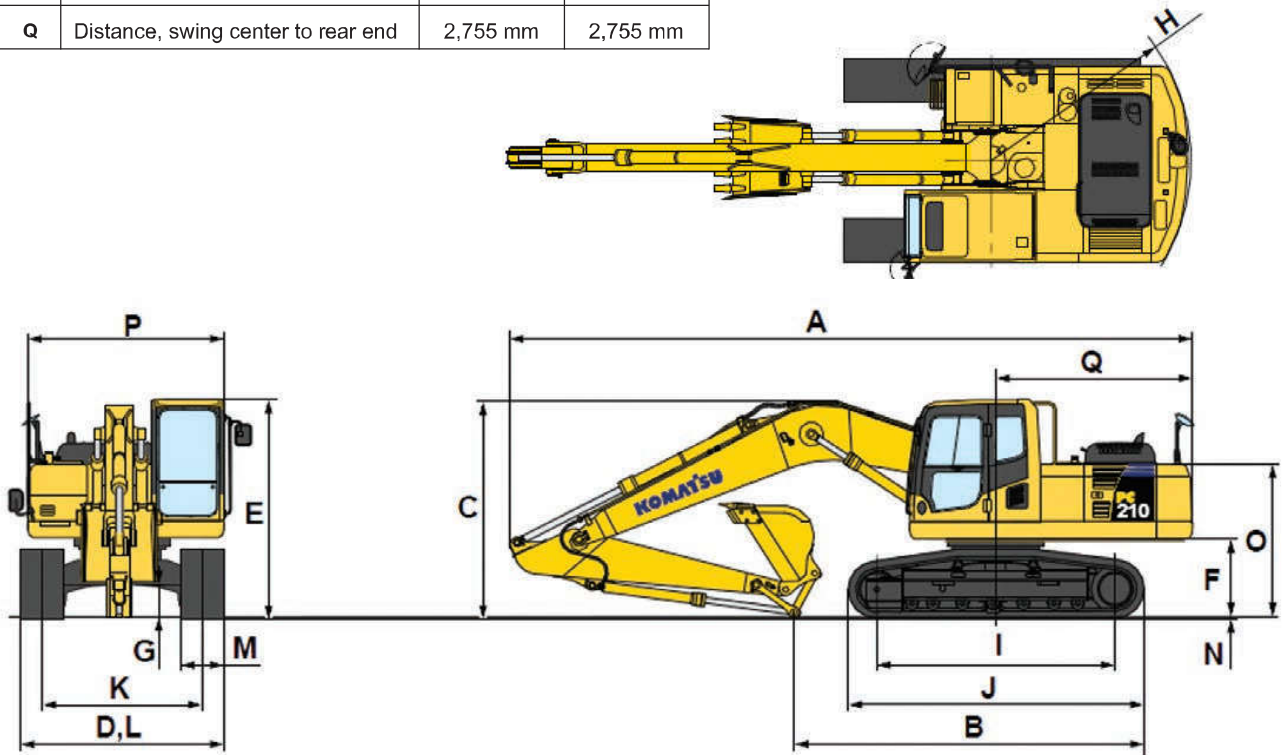
Mono Boom PC210-8M0		
Triple grouser Shoes	Operating Weight	Ground Pressure
600 mm	20,700 kg	0.50 kg/cm ²



MACHINE DIMENSIONS

	Arm Length	2410 mm	2925 mm
A	Overall length	9,495 mm	9,425 mm
B	Length on ground (transport): PC210-8M0 PC210LC-8M0	5,700 mm 5,885 mm	4,815 mm 5,000 mm
C	Overall height (to top of boom)	3,190 mm	2,970 mm

		PC210-8M0	PC210LC-8M0
D	Overall width	2,800 mm	2,980 mm
E	Overall height (to top of cab)	3,035 mm	3,035 mm
F	Ground clearance, counter weight	1,085 mm	1,085 mm
G	Ground clearance (minimum)	440 mm	440 mm
H	Tail swing radius	2,795 mm	2,795 mm
I	Track length on ground	3,275 mm	3,655 mm
J	Track length	4,070 mm	4,450 mm
K	Track gauge	2,200 mm	2,380 mm
L	Width of crawler	2,800 mm	2,980 mm
M	Shoe width	600 mm	600 mm
N	Grouser height	26 mm	26 mm
O	Machine cab height	2,095 mm	2,095 mm
P	Machine cab width	2,710 mm	2,710 mm
Q	Distance, swing center to rear end	2,755 mm	2,755 mm





BACKHOE BUCKET, ARM AND BOOM COMBINATION

PC210-8M0

Application	Working Conditions	Bucket Capacity	Width		Weight With side cutters	Arm	
			Without side cutter	With side cutters		2.4 m	2.9m
General digging	Sand, gravel, clay, trenching and loading & general construction	1.0 m ³	1242 mm	1358 mm	810 kg	○	□
Light duty digging	Dry, loose soil and loading	1.1 m ³	1348 mm	1463 mm	870 kg	□	△
		1.2 m ³	1415 mm	1534 mm	910 kg	△	×
Rock	Blue Metal Quarry	0.85 m ³	-	1260 mm	772 kg	○	×
Coal	Coal Re-handling	1.7 m ³	1575 mm	-	865 kg	△	×

PC210LC-8M0

Application	Working Conditions	Bucket Capacity	Width		Weight With side cutters	Arm	
			Without side cutter	With side cutters		2.4 m	2.9 m
General digging	Sand, gravel, clay, trenching and loading & general construction	1.0 m ³	1242 mm	1358 mm	810 kg	○	○
		1.1 m ³	1348 mm	1463 mm	870 kg	○	□
Granite	Granite/ Marble quarry	0.85 m ³	1200 mm	-	876 kg	○	×
Rock	Blue Metal Quarry	0.95 m ³	-	1350 mm	865 kg	○	×
Light-Duty digging	Dry, loose soil and loading	1.2 m ³	1415 mm	1534 mm	910 kg	□	△
Coal	Coal Re-handling	1.7 m ³	1575 mm	-	865 kg	△	×

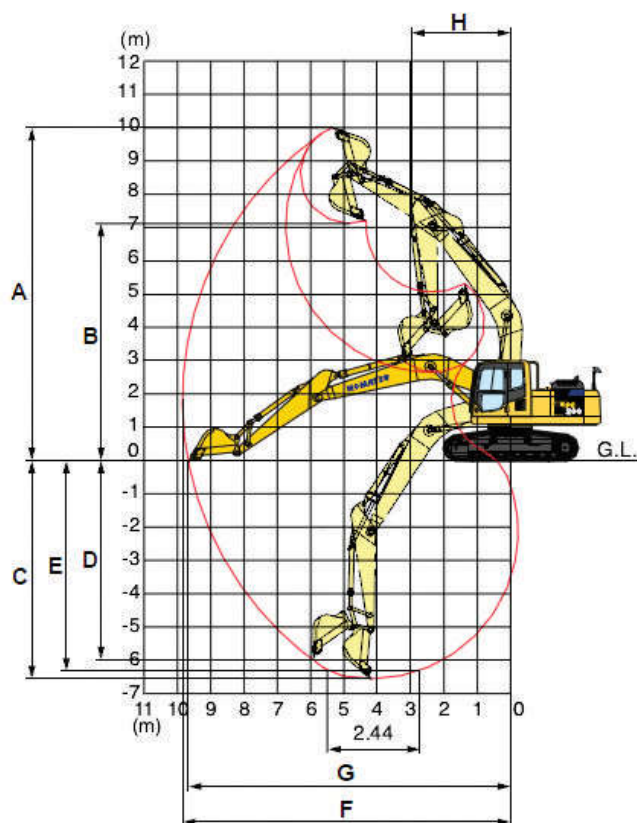
- General purpose use, material weight up to 1.8 t/m³
- General purpose use, material weight up to 1.6 t/m³
- △ Light duty work, material weight up to 1.2 t/m³
- ×

Not usable



WORKING RANGE

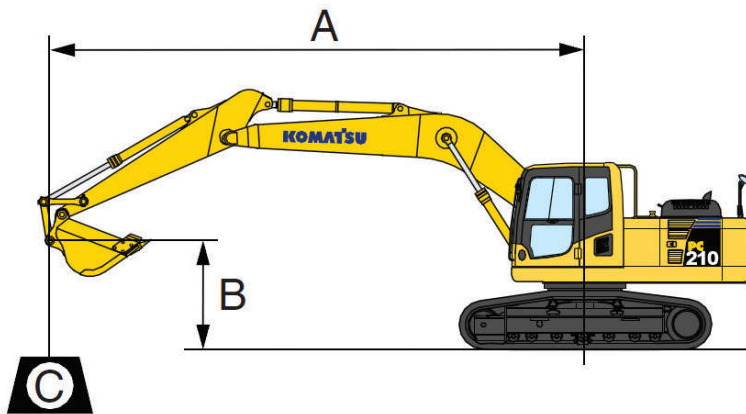
	Arm	2410 mm	2925 mm
A	Max. digging height	9,830 mm	10,000 mm
B	Max. dumping height	6,960 mm	7,110 mm
C	Max. digging depth	6,000 mm	6,620 mm
D	Max. vertical wall digging depth	5,080 mm	5,980 mm
E	Max. digging depth of cut for 8' level	5,760 mm	6,370 mm
F	Max. digging reach	9,390 mm	9,875 mm
G	Max. digging reach ground level	9,195 mm	9,700 mm
H	Min. swing radius	3,080 mm	3,040 mm
SAE rating	Bucket digging force at power max.	138 kN 14100 kg	138 kN 14100 kg
	Arm crowd force at power max.	124 kN 12600 kg	101 kN 10300 kg
ISO rating	Bucket digging force at power max.	149 kN 15200 kg	149 kN 15200 kg
	Arm crowd force at power max	127 kN 13000 kg	108 kN 11000 kg





LIFTING CAPACITY WITH LIFTING MODE

PC210-8M0

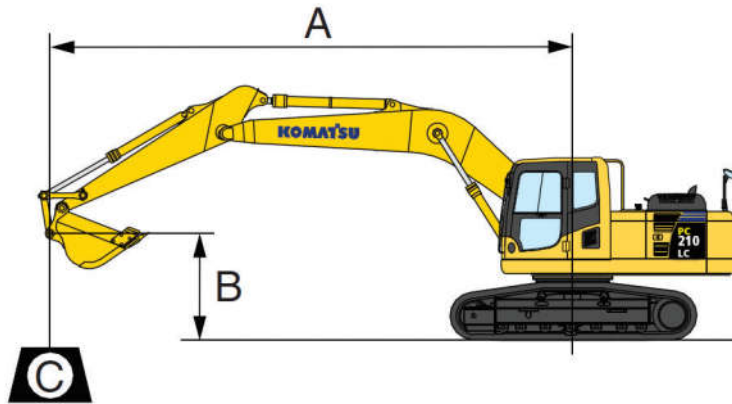


- A** Reach from swing centre
- B** Bucket hook height
- C** Lifting capacity
- Rating over front
- Rating over side
- Rating at maximum reach

Arm length	B	A	⊕		7.5 m		6.0 m		4.5 m		3.0 m		1.5 m	
 2.9 m 855Kg	7.5 m	kg	*2,800	*2,800			*4,150	*4,150						
	6.0 m	kg	*2,650	*2,600	*3,450	2,800	*4,250	*4,250						
	4.5 m	kg	*2,650	2,150	4,150	2,750	*4,850	4,150	*5,400	*5,400				
	3.0 m	kg	*2,750	1,950	4,000	2,600	*5,800	3,900	*7,350	6,200	*11,450	*11,450		
	1.5 m	kg	2,950	1,850	3,850	2,500	5,550	3,600	8,900	5,600	*6,350	*6,350		
	0.0 m	kg	3,000	1,850	3,700	2,350	5,300	3,400	8,450	5,200	*7,200	*7,200		
	-1.5 m	kg	3,250	2,050	3,650	2,300	5,200	3,250	8,250	5,050	*10,450	*10,450	*6,300	*6,300
	-3.0 m	kg	3,900	2,450			5,200	3,250	8,300	5,100	*15,250	11,900	*10,050	*10,050
	-4.5 m	kg	5,400	3,450					8,550	5,300	*12,950	12,350		
 2.4 m 855Kg	7.5 m	kg	*4,150	*4,150										
	6.0 m	kg	*3,950	3,450			*4,750	*4,750						
	4.5 m	kg	*3,950	2,850	4,950	3,100	*5,350	4,650	*6,200	*6,200				
	3.0 m	kg	4,150	2,550	4,850	3,000	*6,200	4,350	*8,050	6,900				
	1.5 m	kg	4,050	2,450	4,700	2,850	6,750	4,100	*9,800	6,350				
	0.0 m	kg	4,150	2,500	4,600	2,750	6,550	3,900	10,550	6,000	*6,750	*6,750		
	-1.5 m	kg	4,600	2,750	4,600	2,750	6,450	3,850	10,550	5,950	*11,600	*11,600	*7,300	*7,300
	-3.0 m	kg	5,650	3,400			6,550	3,900	*10,150	6,050	*14,500	12,100	*12,150	*12,150
	-4.5 m	kg	*6,800	5,150					*8,100	6,300	*11,500	*11,500		

* 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.

PC210LC-8M0



- A** Reach from swing centre
- B** Bucket hook height
- C** Lifting capacity
- Rating over front
- Rating over side
- Rating at maximum reach

Arm length	B	A		⊕		7.5 m		6.5 m		4.5 m		3.5 m		1.5 m	
	7.5 m	kg	*2,800	*2,800				*4,150	*4,150						
	6.0 m	kg	*2,650	*2,650	*3,450	3,200	*4,250	*4,250							
	4.5 m	kg	*2,650	2,500	*4,550	3,150	*4,850	4,750		*5,400	*5,400				
	3.0 m	kg	*2,750	2,250	4,900	3,050	*5,800	4,450		*7,350	7,100	*11,450	*11,450		
	1.5 m	kg	*3,000	2,200	4,750	2,900	*6,750	4,150		*9,250	6,450	*6,350	*6,350		
	0.0 m	kg	*3,400	2,200	4,600	2,750	6,600	3,950		*10,450	6,050	*7,200	*7,200		
	-1.5 m	kg	4,050	2,400	4,550	2,700	6,450	3,800		10,450	5,900	*10,450	*10,450	*6,300	*6,300
	-3.0 m	kg	4,800	2,900			6,450	3,850		*10,450	5,950	*15,250	11,900	*10,050	*10,050
	-4.5 m	kg	*6,300	4,000						*9,000	6,150	*12,950	12,350		
	7.5 m	kg	*4,150	*4,150											
	6.0 m	kg	*3,950	3,450				*4,750	*4,750						
	4.5 m	kg	*3,950	2,850	4,950	3,100	*5,350	4,650		*6,200	*6,200				
	3.0 m	kg	4,150	2,550	4,850	3,000	*6,200	4,350		*8,050	6,900				
	1.5 m	kg	4,050	2,450	4,700	2,850	6,750	4,100		*9,800	6,350				
	0.0 m	kg	4,150	2,500	4,600	2,750	6,550	3,900		10,550	6,000	*6,750	*6,750		
	-1.5 m	kg	4,600	2,750	4,600	2,750	6,450	3,850		10,550	5,950	*11,600	*11,600	*7,300	*7,300
	-3.0 m	kg	5,650	3,400			6,550	3,900		*10,150	6,050	*14,500	12,100	*12,150	*12,150
	-4.5 m	kg	*6,800	5,150						*8,100	6,300	*11,500	*11,500		

* 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

ENGINE

- Automatic engine warm-up system
- Dry type air cleaner, double element
- Engine, Komatsu SAA6D107E-1
- Engine overheat prevention system
- Additional filter system for poor-quality fuel (water separator)
- Air pre-cleaner
- Large capacity fuel pre-filter
- Radiator and oil cooler dust proof net
- Suction fan

KOMTRAX

- Komatsu Machine tracking system

ELECTRICAL SYSTEM

- Auto-decel
- Alternator, 24 V/35 A
- Batteries, 2 X 12 V/88 Ah

- Starting motor, 24 V/4.5 kW
- Working light, 3 (boom, boom cyl and RH)

HYDRAULIC SYSTEM

- Boom holding valve
- Service valve
- Power maximizing system
- PPC hydraulic control system
- Working mode selection system

GUARDS AND COVERS

- Fan guard structure
- Track guiding guard, center section

UNDERCARRIAGE

- Hydraulic track adjusters (each side)
- Track roller
 - PC210-8M0, 7 each side
 - PC210LC-8M0, 9 each side
- Track shoe
 - PC210-8M0, 600 mm triple grouser

—PC210LC-8M0, 600 mm triple grouser

OPERATOR ENVIRONMENT

- EMMS monitoring system
- Multi-function color monitor
- Rear view mirrors (RH, LH, rear, sidewise)
- Air Conditioner
- Radio
- Seat Suspension

OTHER EQUIPMENT

- Counterweight
- Electric horn
- Rear reflector
- Boom 5700 mm
- Slip-resistant plates



OPTIONAL EQUIPMENT

ELECTRICAL SYSTEM:

- Alternator, 24 V/60 A
- Batteries, large capacity
- Working lights
 - 2 on cab
 - 1 on counterweight

UNDERCARRIAGE:

- Shoes, triple grouser shoes
 - PC210-8M0 500 mm, 800 mm
 - PC210LC-8M0 500 mm, 800 mm

OPERATOR ENVIRONMENT:

- Bolt-on top guard
[Operator Protective Guards (OPG)]
- Cab front guard
 - Full height guard

- Seat belt, retractable
- A/C less cabin

WORK EQUIPMENT:

- Arms
 - 2410 mm arm assembly
 - 2925 mm arm assembly



SPECIAL PURPOSE BUCKET

- Coal bucket — 1.7 m³
without side cutters (no tooth adapter) — width 1,575 mm

Product improvement is a continuous process. Specifications given in this publication are therefore subject to change without notice. Photographs depicted may contain optional equipment.

M E M O

This image shows a full page of a worksheet designed for handwriting practice. It consists of multiple rows of horizontal dashed lines spaced evenly across the page, providing a guide for letter height and placement. The background is plain white, and there are no other markings or text present.

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