

# KOMATSU

**PC  
210**



PC210LC-7

**PC210-7 / PC210LC-7 / PC210NLC-7**

HYDRAULIC EXCAVATOR

**NET HORSEPOWER**  
107 kW / 143 HP

**OPERATING WEIGHT**  
PC210-7: 20.245 – 21.500 kg  
PC210LC-7: 21.305 – 22.560 kg  
PC210NLC-7: 21.075 – 22.130 kg

**BUCKET CAPACITY**  
0,48 m<sup>3</sup> – 1,68 m<sup>3</sup>



# WALK-AROUND

The PC210-7 is a rugged, productive, all-European machine. Designed and expressly built for European markets, it delivers productivity, reliability and operator comforts in a robust, environmentally-friendly package. Komatsu's exclusive, on-board, HydraMind system assists in all operations, providing enhanced machine performance that's always perfectly matched to the task.

## What's new on Dash 7:

- Higher production
- Low fuel consumption
- Easier maintenance and serviceability
- Improved operator comfort
- Lower noise
- Meets Stage II emission regulations
- Advanced Attachment Control
- Multi-function colour monitor
- PC210NLC has transport width of 2,55 m

### Advanced Attachment Control

The PC210-7 can be optionally equipped to handle a wide variety of attachments. The advanced attachment control system features:

- Operator selectable hydraulic flow control
- Adjustable pre-sets for rapid attachment changeover
- Additional filters and accumulators for attachment and machine protection
- Hydraulic relief pressure control
- Automatic changeover valves
- Attachment piping options

### Heavy duty digging performance

Large bore cylinders are installed to the super short and short arms to greatly increase digging forces and productivity in tough conditions. The boom and arms have increased cross section to provide superb durability.

### Bucket digging Force for 1,8 m

The bucket digging force has been increased by 10% (compared with the PC210-6).

## Productivity Features

### High productivity and low fuel consumption

Productivity has increased with greater output in the 'Active' mode, while fuel efficiency has been further improved.

### Maximum digging height: 10 m

An advantage for jobs that require a longer reach.

### Excellent reliability and durability

- Heavy duty work equipment
- Reliable major components designed and built by Komatsu
- Exceptionally-reliable electronic devices

### Higher lifting capacity

Lateral stability has been improved and the lifting capacity has increased.



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**BUCKET CAPACITY**  
0,48 m<sup>3</sup> - 1,68 m<sup>3</sup>

### Easy maintenance

- Extended replacement interval for hydraulic filter
- Remote-mounted engine oil filter and fuel drain valve, for easy access
- Standard-equipped water separator
- Easier radiator cleaning
- SCSH bushings on work equipment extend the lubricating interval significantly.

### In harmony with the environment

- Low emission engine  
The powerful turbocharged and air-to-air aftercooled Komatsu SAA6D102E-2 provides 107 kW / 143 HP. This engine meets stage II emissions standards with increased power and machine productivity.
- Economy mode reduces fuel consumption
- Low operating noise
- Designed for easy end of life recycling

### SpaceCab™

The new PC210-7's cabin space has been increased by 14%, offering an exceptionally-roomy operating environment.

- Sealed and pressurized cab with standard air conditioning
- Low-noise design
- Low-vibration design with cabin damper mounting
- OPG Level I (ISO) complied cabin





# EMMS

## EMMS. (Equipment Management and Monitoring System)

The EMMS is a highly sophisticated system, controlling and monitoring all the excavator functions. The user interface is highly intuitive and provides the operator with easy access to a huge range of functions and operating information.

### Four working modes

The PC210-7 is equipped with three working modes (A, E, B), plus a lifting mode (L). Each mode is designed to match the engine speed, pump speed, and system pressure to the current requirement. This provides the flexibility to match equipment performance to the job at hand.



### On-screen symbols

- 1 Operating mode
- 2 Service hours meter
- 3 Travel speed
- 4 Engine water gauge
- 5 Engine water temperature warning
- 6 Hydraulic oil gauge
- 7 Hydraulic oil temperature warning
- 8 Fuel level gauge
- 9 Fuel low level warning
- 10 Swing lock
- 11 Pre-heat
- 12 Continuous/intermittent window wiper
- 13 Auto deceleration
- 14 Power max.

### Push-button control switch

- 1 'Active' mode
- 2 'Economy' mode
- 3 'Lifting' mode
- 4 'Breaker' mode
- 5 Travel speed selector switch
- 6 Auto Deceleration
- 7 Window wiper
- 8 Window washer
- 9 Select (For attachment oil flow adjustment)
- 10 Maintenance mode
- 11 Screen brightness adjustment
- 12 Input (return)
- 13 Input (up)
- 14 Input (down)
- 15 Input (confirm)

### Active Mode

For maximum power and fast cycle times. Normally used for heavy operations such as hard digging and loading. This mode allows access to the 'Power Max' function to temporarily increase digging force by 7% for added power in tough situations.

### Economy mode

The environmentally-friendly mode. Run more quietly during operations at night and/or in urban areas. Fuel consumption is reduced by 20% and exhaust emissions are also reduced (compared with the 'Active' mode), and production is equal to the PC210-6's 'HO' mode.

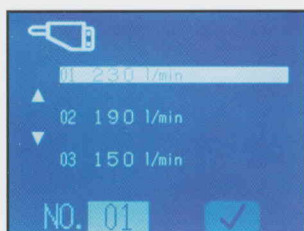
### Breaker mode

Delivers optimal hydraulic pressure, flow and engine RPMs for powerful breaker operations.

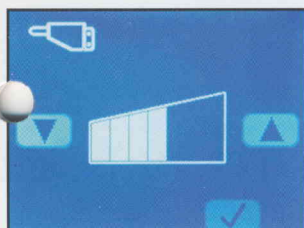
### Lifting mode

Increases the lifting capacity 7% by raising the hydraulic pressure. This mode supports safe lifting operations.

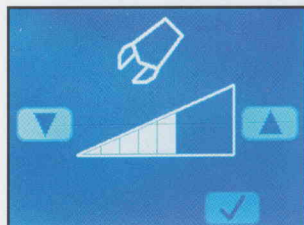
Working Mode	Application	Advantage
A	Active mode	<ul style="list-style-type: none"> <li>• Maximum production/power</li> <li>• Fast cycle times</li> </ul>
E	Economy mode	<ul style="list-style-type: none"> <li>• Excellent fuel economy</li> </ul>
B	Breaker mode	<ul style="list-style-type: none"> <li>• Optimum engine rpm and hydraulic flow</li> </ul>
L	Lifting mode	<ul style="list-style-type: none"> <li>• Hydraulic pressure is increased by 7%</li> </ul>



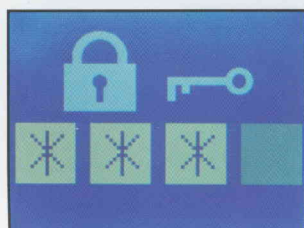
Hydraulic flow general adjustment screen in B (breaker) mode.



Fine tune hydraulic flow adjustment screen in B (breaker) mode.



Fine tune hydraulic flow adjustment screen in A (Active) or E (economy) mode.



Password screen.

### Easy to see and easy to use

Superb recognition colour LCD screens for each mode. Letters and numbers are combined with colour images for exceptionally clear and easy to read information. The high-resolution screen is easy to read in bright sun and in all lighting conditions.

### Automatic three-speed travel

The travel speed is automatically shifted from high to low speed, according to the ground conditions.

	High	Mid	Low
Travel Speed	5,5 km/h	4,5 km/h	3,0 km/h

### Fingertip hydraulic pump oil flow adjustment

From the LCD monitor, automatically select optimal hydraulic pump oil flow for breaking, crushing, and other operations in the B, A or E modes. Also, when simultaneously operating with attachments and work equipment, the flow to the attachment is reduced automatically, thus delivering smooth movement of the work equipment.

### Password protection

Prevent unauthorized machine use or transport. The engine cannot be started without your four-digit use or password. For total security, the battery is connected directly to the starter motor, both the starter and engine need the password. The password can be activated upon request.



## WORKING ENVIRONMENT

PC210-7's cab interior is spacious and provides a comfortable working environment...

### SpaceCab™

#### Comfortable cab

The new PC210-7 inner cab volume is 14% greater than dash 6, offering an exceptionally-comfortable operating environment. The large cab enables the seat, with headrest, to be reclined horizontal.

#### Pressurised cab

The standard-equipped air conditioner, air filter and a higher internal air pressure resist dust entry into the cab.

#### Low-noise design

Noise levels are substantially reduced; engine noise as well as swing and hydraulics operations noise.

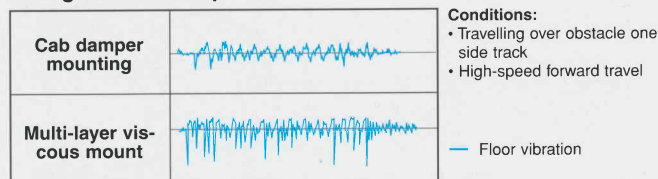
#### Cab damper mounting for low vibration levels

PC210-7 uses a new and improved viscous damping cab mount system that incorporates a longer stroke plus an added spring. The new cab damper mounting, combined with strengthened left and right-side decks, aids the reduction of vibrations to the operator's seat.

Vibrations at the floor level are reduced from 120 dB (VL) to 115 dB (VL).

dB (VL) is an index of vibration level. As it increases, vibration increases and operator comfort is reduced.

#### Riding comfort comparison

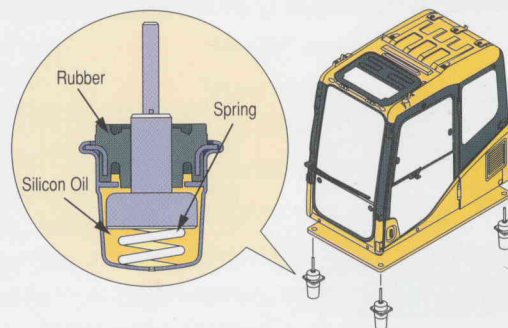


Vertical pitch oscillation on the graph shows the intensity of vibration



Outer air filter

Easy removal/installation of air conditioner filter element, without tools facilitates easier cleaning.



Roof hatch



12-volt power supply and (optional) radio cassette



Climate control



Bottle holder and magazine rack



## Multi-position controls

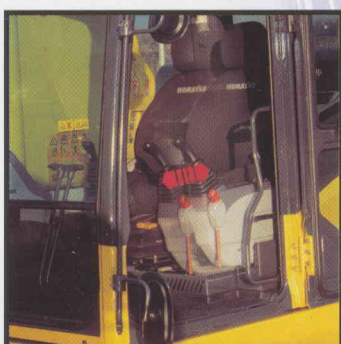
The multi-position, proportional pressure control levers allow the operator to work in comfort whilst maintaining precise control. A double-slide mechanism allows the seat and controllers to move together, or independently, allowing the operator to position the controllers for maximum productivity and comfort.



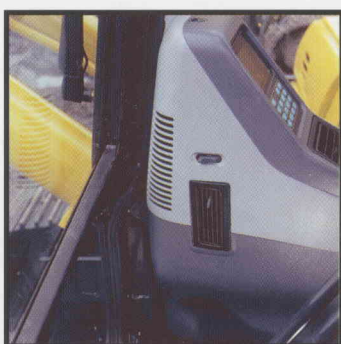
Hot & cool box



3 button lever



Seat sliding range:  
340 mm - increased by  
120 mm over dash 6



Defroster/demister

## Safety Features

### Improved, wide visibility

The right side window pillar has been removed and the rear pillar reshaped to provide greater visibility. Blind spots have been decreased by 34%.

### Pump/engine room partition

Prevents hydraulic oil from spraying onto the engine to reduce the risk of fire.

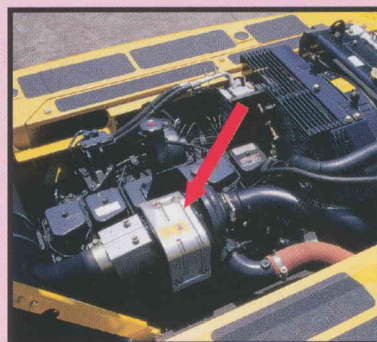
### Thermal and fan guards

Placed around high-temperature parts of the engine. The fan belt and pulleys are well protected

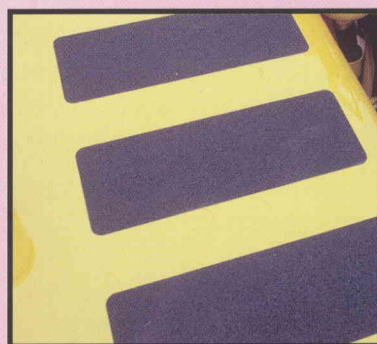
### Steps with non-skid surface and large handrail

Steps with non-slip surfacing ensure safer maintenance.

Thermal guard



Non slip  
sheet



Large handrail  
for safe access





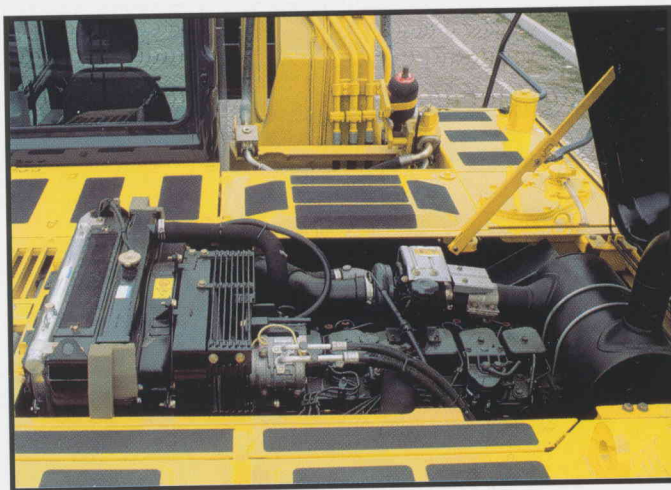
## PRODUCTIVITY FEATURES

### High production levels and low fuel consumption

The increased output and fuel savings of the Komatsu SAA6D102E-2 engine result in increased productivity. (tonne per litre of fuel)

### Engine

The PC210-7 gets its exceptional power and work capacity from a Komatsu SAA6D102E-2 engine. Output is 107 kW / 143 HP, providing increased hydraulic power and improved fuel efficiency.

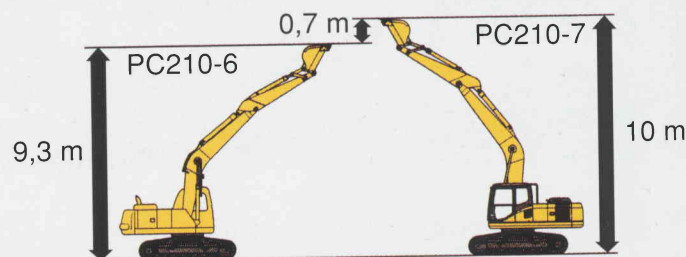


### Hydraulics

The unique two-pump system ensures smooth, simultaneous movement of the work equipment. Komatsu's exclusive HydrauMind system controls both of the pumps for most-efficient use of engine power. The system also reduces hydraulic loss during operations. Optional, additional hydraulic circuits may be ordered.

### Extended digging height

PC210-7's maximum digging height is 10 m, facilitating jobs such as demolition and slope finishing that require longer reaches.



### Larger arm crowd force and digging force provide increased production

Large bore cylinders are installed to the short arm to greatly increase digging forces and productivity in tough conditions. Arm crowd force is increased 8% and bucket digging force is increased 10% when the Power Max function is applied. (Compared to PC210-6)

**Bucket digging force\*:** 17.500 kg

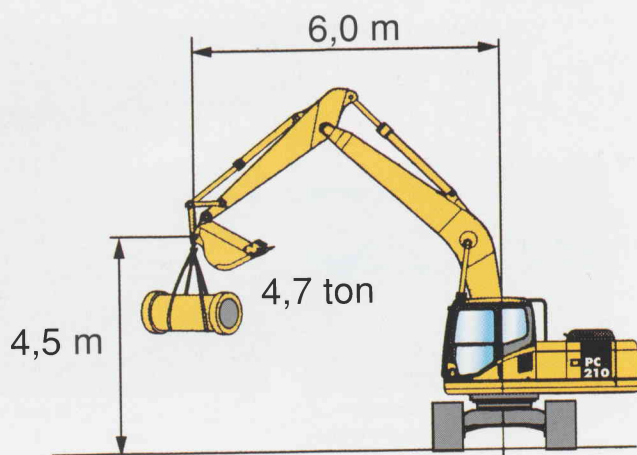
**Arm crowd force\*:** 14.800 kg

\*Measured with Power Max function, 1800mm arm and ISO rating

The cross sections of boom and arm have been enlarged to provide superb durability.



Heavy duty arm



### Greater lifting capacity

PC210-7's stability is greater than before. Also the hydraulic pressures are increased. The result: the PC210LC-7's lifting capacity is greater. Example: the over-side lifting capacity (reach 6,0 m, height 4,5 m) has increased from 4,2 tonnes to 4,7 tonnes compared to PC210-6.



# Excellent reliability and durability

## Reliable components

All of the major machine components, such as engine, hydraulic pump, hydraulic motor and control valves, are designed and manufactured by Komatsu. This guarantees that each component is expressly built for the class and model of machine. This ensures that the engineering, manufacturing standards and testing that go into each component are 'totally-Komatsu'.

## Highly-rigid, robust work equipment

The strengthened boom and arm have large cross-sectional dimensions as well as continuous two-sided groove welding, improving the digging and side-contact strengths.

## Sturdy frame structure

The revolving frame, centre frame and undercarriage have been designed using the most advanced three-dimensional computer aided design (CAD) and FEM (Finite Elements Modelling) analysis technology.

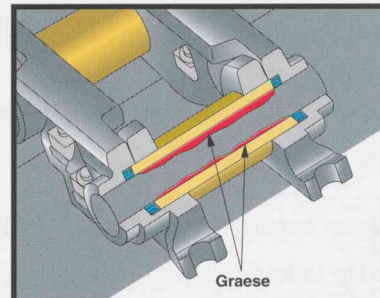
## Highly-reliable electronic devices

Exclusively-designed electronic devices are certified by severe testing.

- Controller
- Sensors
- Connectors
- Heat-resistant wiring

## Metal guard rings

Protect all hydraulic cylinders and improve reliability.



Grease-sealed track provides excellent undercarriage durability



Track Link with Strut  
The PC210-7 uses track links with strut, providing superb durability.

# Harmony with the environment

## Low-emission engine

Komatsu SAA6D102E-2 is Stage II compliant, with reduced NOx emissions, compared to the PC210-6.

## Low noise

Noise is reduced from the engine as well as from swing and hydraulic operations. The dynamic noise level is just 71 LpA and 104 LwA.

## Economy (environment) mode

'Economy' mode meets the needs of the 21st century. This mode offers the user fuel savings, quiet operation, and less CO2 emissions.

- Fuel consumption is reduced by 20% (compared to the 'Active' mode).
- Production is the same as the PC210-6's 'HO mode'.

## Easily end of life recycled

PC210-7 is designed with consideration of end of life recycling, effectively reducing its environmental impact.

- All exterior parts are made of steel.
- Extended engine oil, hydraulic oil and filter replacement intervals reduce environmental impact.
- All plastic parts are given a material code symbol.



## VHMS

### VHMS (Vehicle Health Monitoring System)

VHMS's precise health-check system indicates all of the machine's running conditions. At the beginning of, and during, each work shift, abnormality information and machine functions can be checked from the operator's seat.

#### New features: VHMS Machine health monitoring

- Up to four different mechanical system measurements can be monitored at the same time
- A "Maintenance Indicator" function has been added. (Filter and oil replacement time display function)
- Mechanical system failures are now monitored, in addition to electrical system failures.
- Failures are indicated with a 6-digit failure code

#### Displays running conditions and abnormality indications

At the operator's fingertips: the VHMS controller monitors engine oil level, cooling water level, fuel level, engine water temperature, engine oil pressure, battery charging level, air filter clogging, and more. The monitor also indicates whenever abnormalities are detected.

#### Maintenance alert assistance

The VHMS monitor alerts when oil and filters need to be replaced.

#### Operation data memory

The system memorises machine operating data such as engine output, hydraulic pressure, and more.

#### Trouble data memory

The monitor stores and recalls electrical system and mechanical system failures and abnormalities for effective troubleshooting. Twenty most-recent electrical system failures are stored. Mechanical system failures cannot be erased, ensuring accurate documentation of vital service management information.

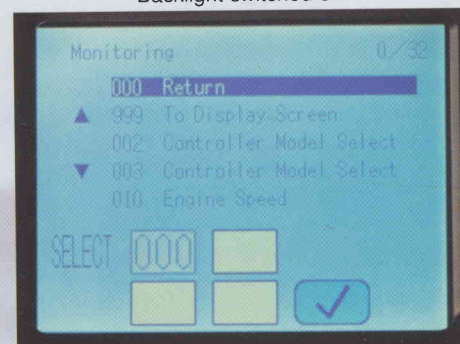
#### VHMS 'real time monitoring system'

The 'real time monitoring system' displays up to four different operating parameters simultaneously, giving the mechanic a total overview for faster troubleshooting. Parameters include operating conditions such as hydraulic oil pressure, engine RPMs, different voltages current, and even temperature measurement.

Backlight switched on



Backlight switched off



Real time monitoring



# Reducing maintenance costs

## Extended replacement intervals for engine oil and filters

New, high-performance filters are used in the hydraulic circuit and engine. Replacement intervals for the hydraulic oil filter are significantly extended, reducing maintenance costs.

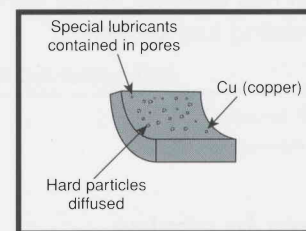
Replacement intervals table:

unit: hours

	PC210-7
Engine oil	500
Engine oil filter	500
Hydraulic oil	5.000
Hydraulic oil filter	1.000

## With SCSH bushings, all work equipment lubrication intervals are extended

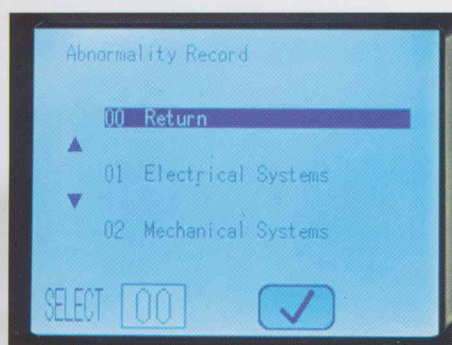
Newly-developed SCSH (Steel Copper Sinter Hard Material) bushings are used on all work equipment joints\*. As a result, all work equipment bushing lubrication intervals are significantly extended, with some joints only needing lubrication every 500 hours, thus reducing maintenance costs.



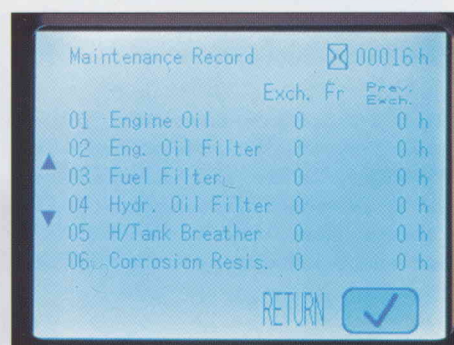
SCSH bushing

## Tungsten carbide-injected bushing

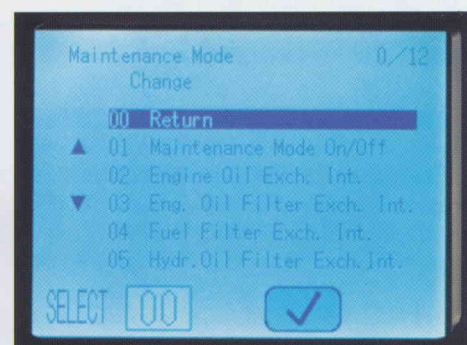
Tungsten carbide is injected into the end faces of the arm-top bushing to form a hard film. This reduces the wear of contacting surfaces and fluttering of the bucket.



Trouble data memory



Maintenance record



Maintenance mode change

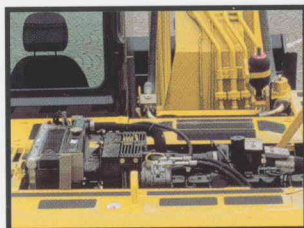
# MAINTENANCE FEATURES

## Easy maintenance

Komatsu designed the PC210-7 to have easy service access. By doing this, routine maintenance and servicing are less likely to be skipped. This can mean a reduction in costly downtime later on. Here are some of the many service features found on the PC210-7.

### Easy radiator cleaning

Clearance between radiator and oil cooler is increased to facilitate radiator core cleaning with an air nozzle.



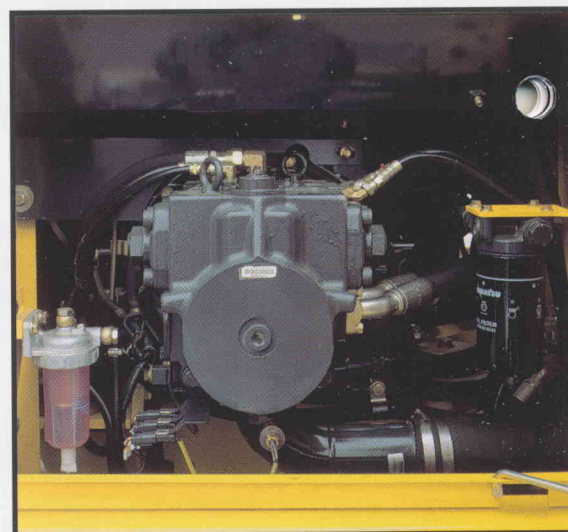
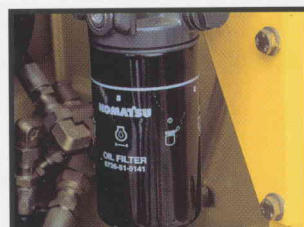
### Water separator

Standard equipment which removes any water that has become mixed with the fuel, preventing fuel system damage.



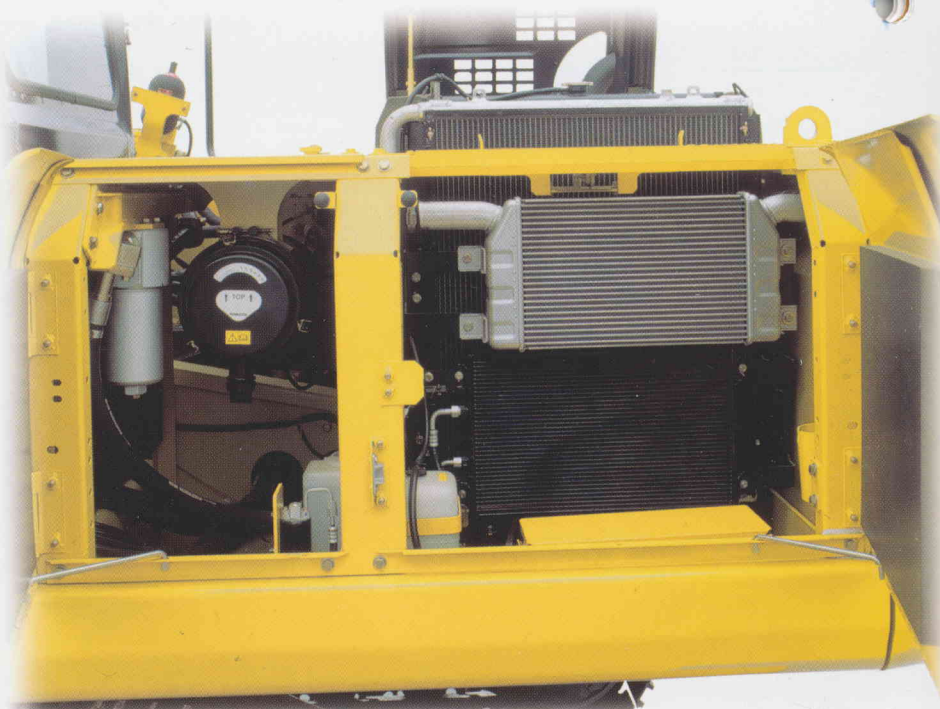
### Easy access to engine oil filter and fuel drain valve

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



### Auto greasing (optional)

A factory-installed Automatic Greasings System (AGS) ensures proper lubrication and saves driver maintenance downtime. Factory installation includes welding protective, heavy-duty line shielding onto the dipper arm during the manufacturing process, before painting. The Central Lubrication system use reinforced hoses to carry the lubricant to all of the lubrication points, and is governed by several distribution blocks. Lubrication cycles may be adjusted at operator's preference.





# SPECIFICATIONS



## ENGINE

Type ..... 6 cylinder, direct injection, emissionised, turbocharged, after-cooled diesel.  
Model ..... Komatsu SAA6D102E-2  
Power rating .....  
ISO 9249 (Net).....107 kW (143 HP / 145 PS) at 1950 rpm  
Bore x stroke .....102 mm x 120 mm  
Piston displacement ..... 5,88 ltr  
Air-cleaner and cooling ..... Double element type with monitor panel dust indicator and auto dust evacuator.  
Suction type cooling fan with radiator fly screen.



## ELECTRICAL SYSTEM

Alternator ..... 24 Volt - 60 ampere  
Batteries ..... 2 x 12 Volt - 95 Ah  
Starter motor..... 24 Volt - 5,5 kW



## HYDRAULIC SYSTEM

Type ..... HydrauMind. Closed-centre system with load sensing and pressure compensation valves.  
Additional circuits..... Depending on specification up to 2 additional circuits can be installed.  
Main pump ..... 2 variable displacement piston pumps supplying boom, arm, bucket, swing and travel circuits.  
Maximum pump flow ..... 2 x 214 ltr/min  
Relief valve settings .....  
Implement ..... 380 kg/cm<sup>2</sup>  
Travel ..... 380 kg/cm<sup>2</sup>  
Swing ..... 295 kg/cm<sup>2</sup>  
Pilot circuit ..... 33 kg/cm<sup>2</sup>



## ENVIRONMENT

Engine emissions..... Fully complies with stage 2 exhaust emission regulations.  
Noise levels..... LWA External noise 104 dB(A) (2000/14/EC)  
LPA Operator ear noise 71 dB(A) (2000/14/EC)



## OPERATION WEIGHT (APPROXIMATE)

Operating weight, including 5,7 m one-piece boom, 2,9 m arm, 760 kg bucket, operator, lubricant, coolant, full fuel tank and the standard equipment.



## SWING SYSTEM

Type ..... Axial piston motor driving through planetary double reduction gearbox.  
Swing lock ..... Electrically actuated wet multi-disc brake integrated into swing motor.  
Swing speed ..... 0 to 12,4 rpm.



## DRIVES AND BRAKES

Steering control ..... 2 levers with pedals giving full independent control of each track.  
Drive method ..... Hydrostatic.  
Travel operation ..... Automatic 3-speed selection  
Gradeability ..... 70%, 35°  
Travel speeds Lo / Mi / Hi ..... 3,0 / 4,5 / 5,5 km/h  
Maximum drawbar pull .....18.200 kg  
Brake system ..... Hydraulically operated discs in each travel motor.



## UNDERCARRIAGE

Construction ..... X-frame centre section with box section track-frames  
Track assembly  
Type ..... Fully sealed.  
Shoes (each side) .... 45 (PC210), 49 (PC210LC), (PC210NLC)  
Tension ..... Combined spring and hydraulic unit  
Rollers  
Track rollers (each side) 7 (PC210), 9 (PC210LC) (PC210NLC)  
Carrier rollers (each side) ..... 2



## COOLANT AND LUBRICANT CAPACITY (REFILLING)

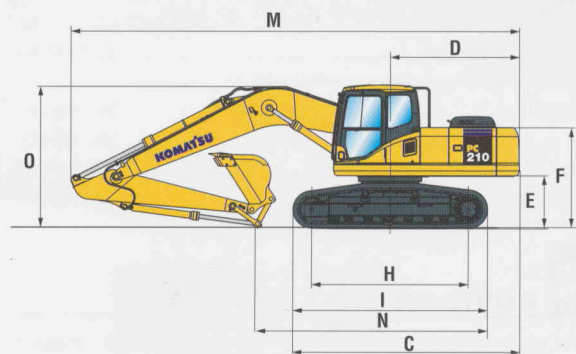
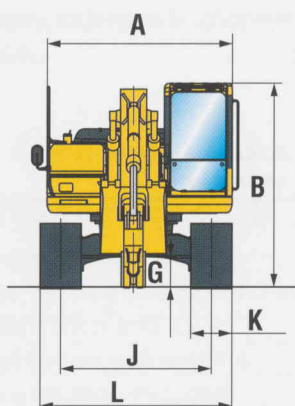
Fuel tank ..... 325,0 ltr  
Radiator ..... 30,9 ltr  
Engine ..... 24,0 ltr  
Swing drive ..... 6,6 ltr  
Hydraulic tank ..... 143,0 ltr  
Final drive (each side) ..... 4,5 ltr

MONO BOOM							TWO PIECE BOOM					
Triple	PC210-7		PC210LC-7		PC210NLC-7		PC210-7		PC210LC-7		PC210NLC-7	
grouser shoes	Operating weight	Ground pressure	Operating weight	Ground pressure	Operating weight	Ground pressure	Operating weight	Ground pressure	Operating weight	Ground pressure	Operating weight	Ground pressure
500 mm	20.245 kg	0,57 kg/cm <sup>2</sup>	—	—	21.075 kg	0,53 kg/cm <sup>2</sup>	20.670 kg	0,58 kg/cm <sup>2</sup>	—	—	21.500 kg	0,54 kg/cm <sup>2</sup>
600 mm	20.575 kg	0,48 kg/cm <sup>2</sup>	21.305 kg	0,45 kg/cm <sup>2</sup>	21.435 kg	0,45 kg/cm <sup>2</sup>	21.000 kg	0,49 kg/cm <sup>2</sup>	21.730 kg	0,46 kg/cm <sup>2</sup>	21.860 kg	0,46 kg/cm <sup>2</sup>
700 mm	20.825 kg	0,42 kg/cm <sup>2</sup>	21.575 kg	0,39 kg/cm <sup>2</sup>	21.705 kg	0,39 kg/cm <sup>2</sup>	21.250 kg	0,43 kg/cm <sup>2</sup>	22.000 kg	0,40 kg/cm <sup>2</sup>	22.130 kg	0,40 kg/cm <sup>2</sup>
800 mm	21.075 kg	0,37 kg/cm <sup>2</sup>	21.855 kg	0,35 kg/cm <sup>2</sup>	—	—	21.500 kg	0,38 kg/cm <sup>2</sup>	22.280 kg	0,36 kg/cm <sup>2</sup>	—	—
900 mm	—	—	22.135 kg	0,31 kg/cm <sup>2</sup>	—	—	—	—	22.560 kg	0,32 kg/cm <sup>2</sup>	—	—

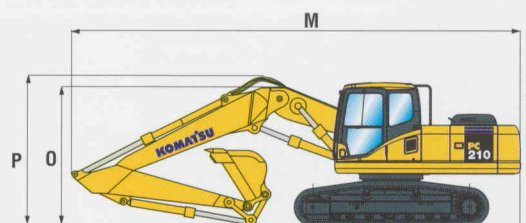
# MACHINE DIMENSIONS

MACHINE DIMENSIONS		PC210	PC210LC	PC210NLC
A	Overall width of upper structure	2.515 mm	2.515 mm	2.515 mm
B	Overall height of cab	3.015 mm	3.015 mm	3.015 mm
C	Overall length of basic machine	4.810 mm	4.995 mm	4.995 mm
D	Tail length	2.770 mm	2.770 mm	2.770 mm
	Tail swing radius	2.800 mm	2.800 mm	2.800 mm
E	Clearance under counterweight	1.100 mm	1.100 mm	1.100 mm
F	Machine tail height	2.110 mm	2.110 mm	2.110 mm
G	Ground clearance	440 mm	440 mm	440 mm
H	Track length on ground	3.270 mm	3.640 mm	3.640 mm
I	Track length	4.080 mm	4.450 mm	4.450 mm
J	Track gauge	2.200 mm	2.380 mm	2.040 mm
K	Track shoe width	500, 600, 700, 800 mm	600, 700, 800, 900 mm	500, 600, 700 mm
L	Overall track width with 500 mm shoe	2.700 mm	-	2.540 mm
	600 mm shoe	2.800 mm	2.980 mm	2.640 mm
	700 mm shoe	2.900 mm	3.080 mm	2.740 mm
	800 mm shoe	3.000 mm	3.180 mm	-
	900 mm shoe	-	3.280 mm	-

## MONO BOOM



## TWO PIECE BOOM



Arm length		Mono boom			Two piece boom		
		1,8 m	2,4 m	2,9 m	1,8 m	2,4 m	2,9 m
M	Transport length	9.540 mm	9.555 mm	9.485 mm	9.935 mm	9.790 mm	9.775 mm
N	Length on ground (transport)	PC210	6.270 mm	5.700 mm	4.815 mm	6.940 mm	6.390 mm
		PC210LC/NLC	6.455 mm	5.885 mm	5.000 mm	7.145 mm	6.595 mm
O	Overall height (to top of boom)		2.985 mm	3.190 mm	2.970 mm	2.780 mm	3.030 mm
P	To top of hose		-	-	-	3.245 mm	3.510 mm
						3.485 mm	





### BUCKET OPTIONS & DIGGING FORCES

Specifications and equipment may vary according to regional availability

## PC210-7/ PC210LC-7 / PC210NLC-7

BUCKET AND ARM COMBINATION			PC210			PC210LC			PC210NLC		
Width	Capacity m <sup>3</sup> SAE	Weight	1,8 m	2,4 m	2,9 m	1,8 m	2,4 m	2,9 m	1,8 m	2,4 m	2,9 m
600 mm	0,48 m <sup>3</sup>	480 kg	○	○	○	○	○	○	○	○	○
700 mm	0,55 m <sup>3</sup>	530 kg	○	○	○	○	○	○	○	○	○
800 mm	0,63 m <sup>3</sup>	580 kg	○	○	○	○	○	○	○	○	○
900 mm	0,71 m <sup>3</sup>	610 kg	○	○	○	○	○	○	○	○	○
1.000 mm	0,78 m <sup>3</sup>	650 kg	○	○	○	○	○	○	○	○	○
1.100 mm	0,86 m <sup>3</sup>	700 kg	○	○	○	○	○	○	○	○	○
1.200 mm	0,96 m <sup>3</sup>	760 kg	○	○	○	○	○	○	○	○	○
1.300 mm	1,03 m <sup>3</sup>	810 kg	○	○	○	○	○	○	○	○	○
1.400 mm	1,11 m <sup>3</sup>	870 kg	○	○	○	○	○	○	○	○	□
1.500 mm	1,19 m <sup>3</sup>	930 kg	□	□	□	○	○	○	□	□	△
1.600 mm	1,49 m <sup>3</sup>	1.100 kg	□	□	△	□	□	□	△	△	—
1.700 mm	1,58 m <sup>3</sup>	1.150 kg	△	—	—	□	—	—	—	—	—
1.800 mm	1,68 m <sup>3</sup>	1.200 kg	—	—	—	△	—	—	—	—	—

Please consult with your distributor for the correct selection of buckets and attachments to suit the application.

The recommendations are given as a guide only, based on typical operating conditions.

- Material weight up to 1.8 t/m<sup>3</sup>
- Material weight up to 1.5 t/m<sup>3</sup>
- △ Material weight up to 1.2 t/m<sup>3</sup>
- Not usable.

A full range of Komatsu wear Parts is available.



**ABRASION**



**SHARP**



**GENERAL PURPOSE**



**PENETRATION**

A wide range of attachments is available. Please consult your distributor for details of the full range.

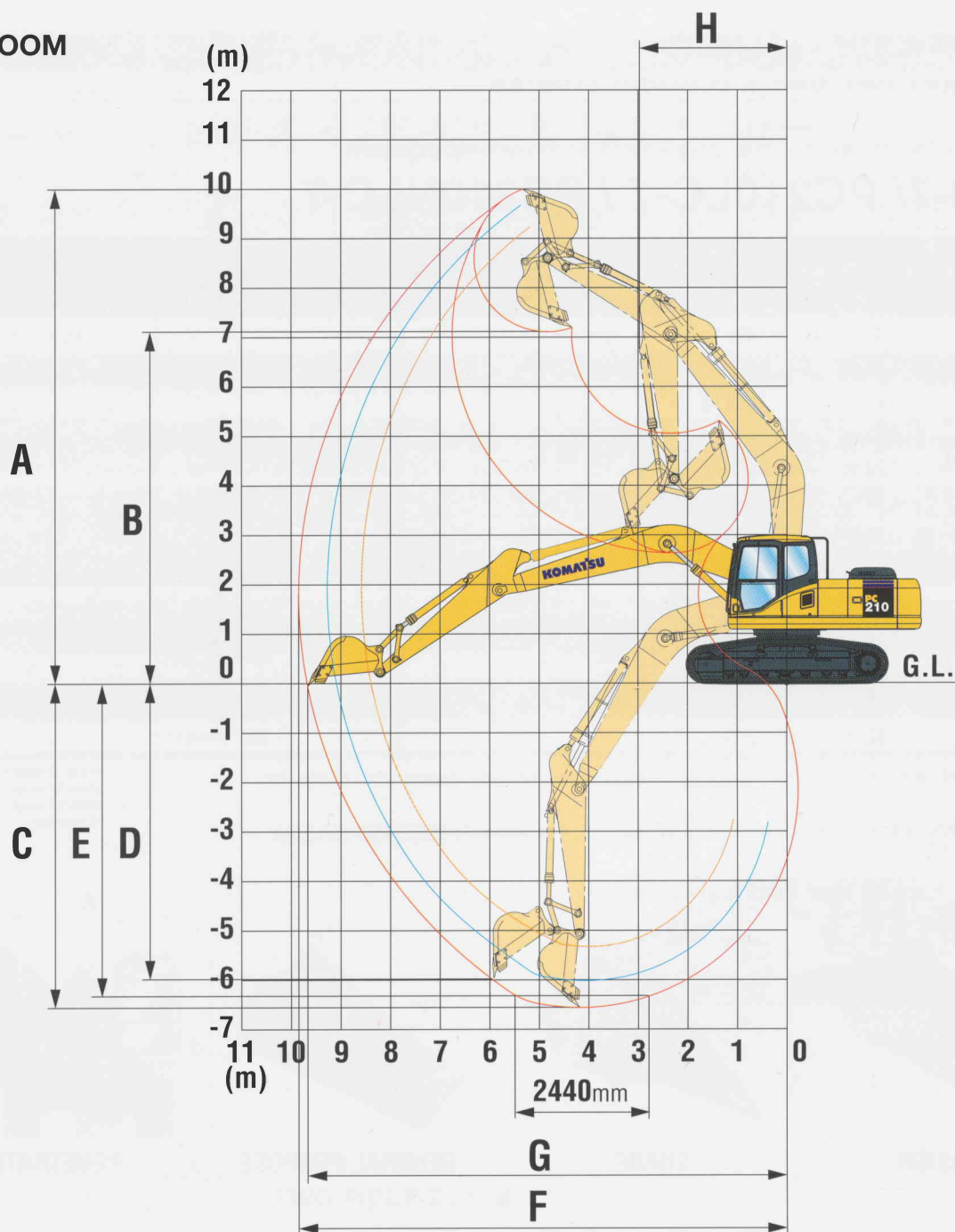
Besides the K VX and sharp teeth, Komatsu can offer you general purpose, penetration and abrasion teeth. All at a quality you can rely on.

BUCKET AND ARM FORCE			
Arm length	1,8 m	2,4 m	2,9 m
Bucket digging force	16.500 kg	16.500 kg	14.100 kg
Bucket digging force at power max	17.500 kg	17.500 kg	15.200 kg
Arm crowd force	13.800 kg	12.200 kg	10.300 kg
Arm crowd force at power max.	14.800 kg	13.000 kg	11.000 kg

# WORKING RANGES

PC210/LC/NLC-7

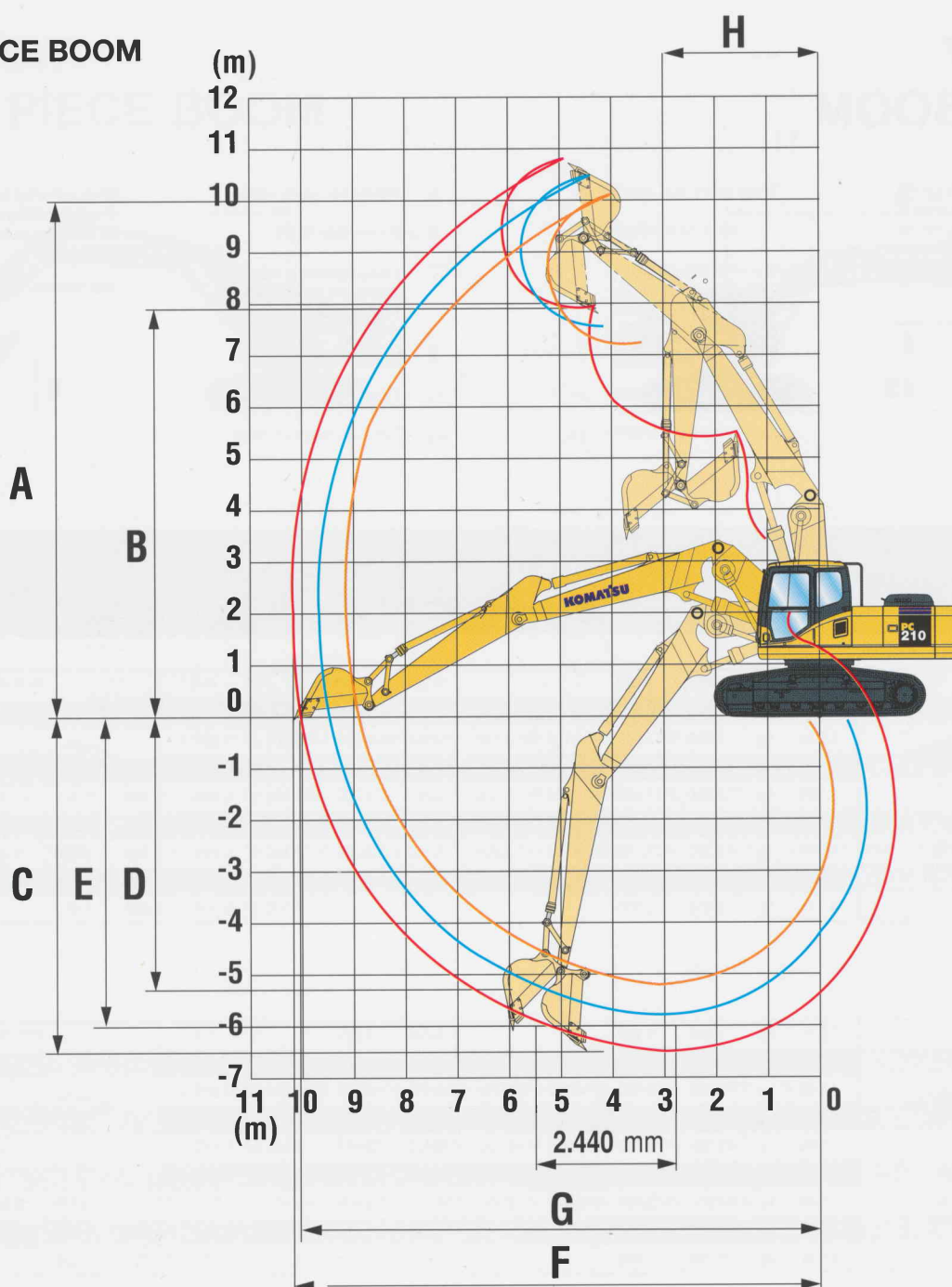
## MONO BOOM



Arm length	1,8 m	2,4 m	2,9 m
A Max. digging height	9.500 mm	9.800 mm	10.000 mm
B Max. dumping height	6.630 mm	6.890 mm	7.110 mm
C Max. digging depth	5.380 mm	6.095 mm	6.620 mm
D Max. vertical wall digging depth	4.630 mm	5.430 mm	5.980 mm
E Max. digging depth of cut for 2,44 m level	5.130 mm	5.780 mm	6.370 mm
F Max. digging reach	8.850 mm	9.380 mm	9.875 mm
G Max. digging reach at ground level	8.660 mm	9.190 mm	9.700 mm
H Min. swing radius	3.010 mm	3.090 mm	3.040 mm



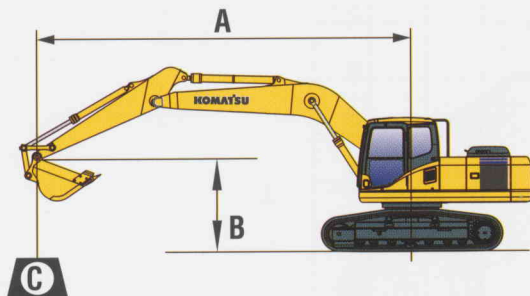
## TWO PIECE BOOM



Arm length	1,8 m	2,4 m	2,9 m
A Max. digging height	10.100 mm	10.465 mm	10.810 mm
B Max. dumping height	7.185 mm	7.505 mm	7.875 mm
C Max. digging depth	5.080 mm	5.685 mm	6.200 mm
D Max. vertical wall digging depth	4.120 mm	4.975 mm	5.315 mm
E Max. digging depth of cut for 2,44 m level	4.870 mm	5.490 mm	6.025 mm
F Max. digging reach	9.225 mm	9.755 mm	10.270 mm
G Max. digging reach at ground level	9.030 mm	9.590 mm	10.095 mm
H Min. swing radius	3.355 mm	3.565 mm	3.230 mm

## LIFTING CAPACITY

### PC210-7 MONO BOOM



- A – Reach from swing center
- B – Bucket hook height
- C – Lifting capacities, including bucket linkage (200 kg) and bucket cylinder (140 kg)

When removing bucket, linkage or cylinder, lifting capacities can be increased by their respective weights

With 600 mm shoe

- Rating over front
- Rating over side
- Rating at maximum reach

Arm length	A	7,5 m		6,0 m		4,5 m		3,0 m		1,5 m	

With 600 mm shoe  2,9 m  760 kg 0,96 m³	7,5 m	kg	*2.800	*2.800			*4.200	*4.200				
	6,0 m	kg	2.600	2.650	*3.550	2.800	*4.300	*4.300				
	4,5 m	kg	2.650	2.200	4.150	2.750	*4.900	4.200	*5.500	*5.500		
	3,0 m	kg	*2.800	1.950	4.050	2.650	*5.850	3.900	*7.400	6.200	*11.550	*11.550
	1,5 m	kg	2.950	1.900	3.900	2.500	5.600	3.650	8.900	5.600	*6.400	*6.400
	0,0 m	kg	3.050	1.900	3.750	2.400	5.350	3.400	8.450	5.250	*7.300	*7.300
	-1,5 m	kg	3.300	2.100	3.700	2.350	5.200	3.300	8.300	5.100	*10.550	9.850
	-3,0 m	kg	3.900	2.500			5.250	3.300	8.350	5.100	*15.400	10.050
	-4,5 m	kg	5.450	3.500					8.550	5.300	*13.000	10.450

With 600 mm shoe  2,4 m  760 kg 0,96 m³	7,5 m	kg	*4.400	4.150			*4.700	4.250				
	6,0 m	kg	*4.150	3.050			*4.900	4.300				
	4,5 m	kg	3.800	2.500	4.150	2.750	*5.450	4.150	*6.300	*6.300		
	3,0 m	kg	3.450	2.250	4.050	2.650	5.850	3.900	*8.250	6.100		
	1,5 m	kg	3.300	2.150	3.900	2.550	5.600	3.650	8.800	5.550		
	0,0 m	kg	3.400	2.200	3.800	2.450	5.400	3.450	8.500	5.300		
	-1,5 m	kg	3.750	2.400	3.800	2.450	5.300	3.400	8.400	5.200	*11.250	10.100
	-3,0 m	kg	4.600	2.950			5.350	3.450	8.500	5.300	*14.700	10.350
	-4,5 m	kg	*6.750	4.450					*8.250	5.500	11.700	10.800

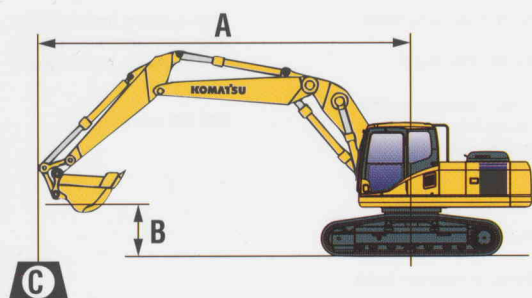
With 600 mm shoe  1,8 m  760 kg 0,96 m³	7,5 m	kg	*4.950	*4.950								
	6,0 m	kg	*4.600	3.500			*5.500	4.150	*5.850	*5.850		
	4,5 m	kg	4.250	2.800			6.000	4.050	*7.150	6.450	*10.150	*10.150
	3,0 m	kg	3.800	2.500	3.950	2.600	5.750	3.800	*9.000	5.850		
	1,5 m	kg	3.650	2.350	3.850	2.500	5.500	3.550	8.600	5.350		
	0,0 m	kg	3.800	2.450	3.800	2.450	6.350	3.400	8.350	5.150		
	-1,5 m	kg	4.250	2.750			5.300	3.400	8.400	5.200	*12.250	10.100
	-3,0 m	kg	5.450	3.500			5.450	3.550	8.550	5.350	*13.200	10.450
	-4,5 m	kg										

\* Load is limited by hydraulic capacity rather than tipping.  
 Ratings are based on SAE Standard No. J1097.  
 Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.



# PC210-7

## TWO PIECE BOOM



- A – Reach from swing center
- B – Bucket hook height
- C – Lifting capacities, including bucket linkage (200 kg) and bucket cylinder (140 kg)

When removing bucket, linkage or cylinder, lifting capacities can be increased by their respective weights

With 600 mm shoe

- Rating over front
- Rating over side
- Rating at maximum reach

Arm length	A	7,5 m		6,0 m		4,5 m		3,0 m		1,5 m	

With 600 mm shoe  2,9 m  760 kg 0,96 m³	7,5 m	kg									
	6,0 m	kg	*2.900	2.450	4.250	2.850	*4.350	*4.350			
	4,5 m	kg	*2.850	2.050	4.200	2.800	*4.950	4.250			
	3,0 m	kg	2.900	1.850	4.050	2.650	*5.850	3.950	*7.600	*6.300	
	1,5 m	kg	2.850	1.800	3.900	2.550	5.600	3.650	8.950	5.700	
	0,0 m	kg	2.900	1.800	3.800	2.400	5.400	3.450	8.550	5.350	*6.450
	-1,5 m	kg	3.150	2.000	3.750	2.350	5.300	3.350	8.400	5.200	*10.000
	-3,0 m	kg			3.800	2.400	5.300	3.350	8.500	5.250	
	-4,5 m	kg									

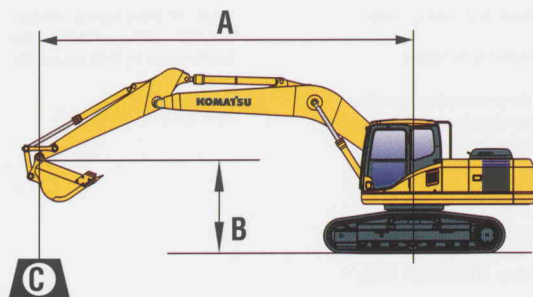
With 600 mm shoe  2,4 m  760 kg 0,96 m³	7,5 m	kg									
	6,0 m	kg	4.250	2.850			*4.900	4.350			
	4,5 m	kg	3.600	2.400	4.200	2.800	*5.500	4.200	*6.600	*6.600	
	3,0 m	kg	3.300	2.150	4.100	2.700	5.900	3.950	*8.400	6.200	
	1,5 m	kg	3.200	2.050	3.950	2.600	5.850	3.700	8.950	5.700	
	0,0 m	kg	3.300	2.100	3.850	2.500	5.450	3.550	8.850	5.450	
	-1,5 m	kg	3.600	2.350	3.850	2.500	5.400	3.500	8.600	5.400	
	-3,0 m	kg					5.450	3.550			
	-4,5 m	kg									

With 600 mm shoe  1,8 m  760 kg 0,96 m³	7,5 m	kg									
	6,0 m	kg	4.950	3.300			*5.450	4.250			
	4,5 m	kg	4.050	2.700	4.100	2.700	*6.000	4.100	*7.400	6.600	
	3,0 m	kg	3.700	2.400	4.050	2.650	5.850	3.900	*9.200	6.000	
	1,5 m	kg	3.550	2.350	3.950	2.600	5.600	3.650	8.750	5.550	
	0,0 m	kg	3.700	2.400	3.900	2.550	5.450	3.550	8.600	5.400	
	-1,5 m	kg	4.150	2.700			5.450	3.550	8.650	5.450	
	-3,0 m	kg									
	-4,5 m	kg									

\* Load is limited by hydraulic capacity rather than tipping.  
 Ratings are based on SAE Standard No. J1097.  
 Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.

## LIFTING CAPACITY

### PC210LC-7 MONO BOOM



- A – Reach from swing center
- B – Bucket hook height
- C – Lifting capacities, including bucket linkage (200 kg) and bucket cylinder (140 kg)

When removing bucket, linkage or cylinder, lifting capacities can be increased by their respective weights

With 700 mm shoe

- 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	

With 700 mm shoe  2,9 m  760 kg 0,96 m³	7,5 m	kg	*2.800	*2.800			*4.200	*4.200					
	6,0 m	kg	*2.650	*2.650	*3.550	3.250	*4.300	*4.300					
	4,5 m	kg	*2.650	2.550	*4.650	3.200	*4.900	4.750	*5.500	*5.500			
	3,0 m	kg	*2.800	2.300	4.900	3.050	*5.850	4.500	*7.400	7.100	*11.550	*11.550	
	1,5 m	kg	*3.050	2.200	4.750	2.900	6.850	4.200	*9.300	6.500	*6.400	*6.400	
	0,0 m	kg	*3.450	2.250	4.650	2.800	6.600	3.950	*10.550	6.100	*7.300	*7.300	
	-1,5 m	kg	4.100	2.450	4.600	2.750	6.500	3.850	10.500	5.950	*10.550	*10.550	*6.400 *6.400
	-3,0 m	kg	4.850	2.950			6.500	3.850	10.500	6.000	*15.400	11.900	*10.150 *10.150
	-4,5 m	kg	*6.350	4.050					*9.050	6.200	*13.000	12.350	

With 700 mm shoe  2,4 m  760 kg 0,96 m³	7,5 m	kg	*4.400	*4.400			*4.700	*4.700					
	6,0 m	kg	*4.150	3.450			*4.900	4.850					
	4,5 m	kg	4.150	2.900	5.000	3.150	*5.450	4.700	*6.300	*6.300			
	3,0 m	kg	4.200	2.600	4.900	3.100	*6.350	4.450	*8.250	7.000			
	1,5 m	kg	4.050	2.500	4.800	2.950	6.850	4.200	*10.000	6.450			
	0,0 m	kg	4.200	2.550	4.700	2.850	6.650	4.000	10.700	6.150			
	-1,5 m	kg	4.600	2.800	4.650	2.850	6.550	3.950	10.600	6.050	*11.250	*11.250	*6.900 *6.900
	-3,0 m	kg	5.650	3.450			6.650	4.000	*10.300	6.150	*14.700	12.250	*12.000 *12.000
	-4,5 m	kg	*6.750	5.150					8.250	6.450	*11.700	*11.700	

With 700 mm shoe  1,8 m  760 kg 0,96 m³	7,5 m	kg	*4.950	*4.950									
	6,0 m	kg	*4.600	4.000			*5.500	4.750	*5.850	5.850			
	4,5 m	kg	*4.600	3.250			*6.000	4.600	*7.150	*7.150	*10.150	*10.150	
	3,0 m	kg	4.650	2.900	4.850	3.000	*6.800	4.350	*9.000	6.750			
	1,5 m	kg	4.500	2.750	4.750	2.950	6.750	4.100	*10.450	6.250			
	0,0 m	kg	4.650	2.850	4.700	2.850	6.600	3.950	10.550	6.050			
	-1,5 m	kg	5.250	3.200			6.600	3.950	10.550	6.050	*12.250	12.000	
	-3,0 m	kg	6.700	4.100			6.750	4.100	*9.650	6.200	*13.200	12.350	
	-4,5 m	kg											

\* Load is limited by hydraulic capacity rather than tipping.

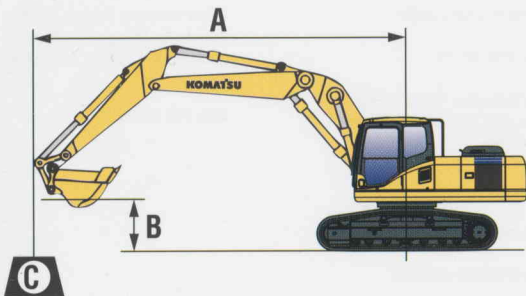
Ratings are based on SAE Standard No. J1097.

Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.



# PC210LC-7

## TWO PIECE BOOM



- A – Reach from swing center
- B – Bucket hook height
- C – Lifting capacities, including bucket linkage (200 kg) and bucket cylinder (140 kg)

When removing bucket, linkage or cylinder, lifting capacities can be increased by their respective weights

With 700 mm shoe

- Rating over front
- Rating over side
- Rating at maximum reach

Arm length	A	7,5 m		6,0 m		4,5 m		3,0 m		1,5 m	

With 700 mm shoe  2,9 m  760 kg 0,96 m³	7,5 m	kg									
	6,0 m	kg	*2.900	2.850	*4.300	3.300	*4.350	*4.350			
	4,5 m	kg	*2.850	2.450	*4.550	3.250	*4.950	4.850			
	3,0 m	kg	*3.000	2.200	*5.000	3.100	*5.850	4.550	*7.600	7.300	
	1,5 m	kg	*3.200	2.150	4.900	3.000	*6.800	4.300	*9.350	6.650	
	0,0 m	kg	*3.600	2.200	4.750	2.850	6.800	4.050	*10.500	6.300	*6.450
	-1,5 m	kg	4.000	2.400	4.700	2.800	8.700	3.950	10.850	8.150	*10.000
	-3,0 m	kg			4.750	2.850	6.700	4.000	*10.550	6.200	
	-4,5 m	kg									

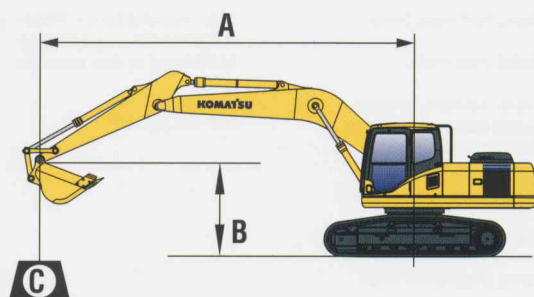
With 700 mm shoe  2,4 m  760 kg 0,96 m³	7,5 m	kg									
	6,0 m	kg	*4.850	3.150			*4.900	4.750			
	4,5 m	kg	4.500	2.650	*5.000	3.100	*5.500	4.600	*6.600	*6.600	
	3,0 m	kg	4.100	2.400	5.050	3.000	*6.350	4.350	*8.400	6.800	
	1,5 m	kg	4.000	2.300	4.950	2.900	7.050	4.100	*10.050	6.300	
	0,0 m	kg	4.150	2.400	4.850	2.800	6.900	3.950	*10.900	6.050	
	-1,5 m	kg	4.550	2.600	4.850	2.800	6.800	3.900	*11.000	6.000	
	-3,0 m	kg					6.900	3.950			
	-4,5 m	kg									

With 700 mm shoe  1,8 m  760 kg 0,96 m³	7,5 m	kg									
	6,0 m	kg	*4.950	3.850			*5.450	4.850			
	4,5 m	kg	*4.900	3.150	5.100	3.150	*6.000	4.750	*7.400	*7.400	
	3,0 m	kg	4.600	2.850	5.000	3.100	*6.800	4.500	*9.200	6.950	
	1,5 m	kg	4.450	2.750	4.950	3.000	7.000	4.300	*10.550	6.500	
	0,0 m	kg	4.650	2.850	4.850	2.950	6.850	4.150	11.000	6.350	
	-1,5 m	kg	5.200	3.200			6.850	4.150	*10.850	6.400	
	-3,0 m	kg									
	-4,5 m	kg									

\* Load is limited by hydraulic capacity rather than tipping.  
 Ratings are based on SAE Standard No. J1097.  
 Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.

## LIFTING CAPACITY

### PC210NLC-7 MONO BOOM



- A – Reach from swing center
- B – Bucket hook height
- C – Lifting capacities, including bucket linkage (200 kg) and bucket cylinder (140 kg)

When removing bucket, linkage or cylinder, lifting capacities can be increased by their respective weights

With 500 mm shoe

- Rating over front
- Rating over side
- Rating at maximum reach

Arm length	A	7,5 m		6,0 m		4,5 m		3,0 m		1,5 m	

With 500 mm shoe  2,9 m 760 kg 0,96 m³	7,5 m	kg	*2.800	*2.800			*4.200	*4.200				
	6,0 m	kg	*2.650	*2.550	*3.550	*2.750	*4.300	4.250				
	4,5 m	kg	*2.650	*2.150	*4.650	2.700	*4.900	4.050	*5.500	*5.500		
	3,0 m	kg	*2.800	*1.900	4.900	2.600	*5.800	3.800	*7.400	6.000	*11.550	11.300
	1,5 m	kg	*3.050	1.850	4.750	2.450	6.850	3.500	*9.300	5.400	*6.400	*6.400
	0,0 m	kg	*3.450	1.850	4.600	2.350	6.600	3.300	*10.550	5.050	*7.300	*7.300
	-1,5 m	kg	*4.050	2.050	4.550	2.300	6.450	3.200	10.450	4.900	*10.550	9.300
	-3,0 m	kg	4.800	2.450			6.450	3.200	10.500	4.950	*15.400	9.500
	-4,5 m	kg	6.350	3.400					*9.050	5.150	*13.000	9.900

With 500 mm shoe  2,4 m 760 kg 0,96 m³	7,5 m	kg	*4.400	4.050			*4.700	4.150				
	6,0 m	kg	*4.150	2.950			*4.900	4.200				
	4,5 m	kg	*4.150	2.450	5.000	2.700	*5.450	4.000	*6.300	*6.300		
	3,0 m	kg	4.200	2.200	4.900	2.600	*6.350	3.800	*8.250	5.900		
	1,5 m	kg	4.050	2.100	4.750	2.500	6.850	3.550	*10.000	5.350		
	0,0 m	kg	4.150	2.150	4.650	2.400	6.600	3.350	10.650	5.100		
	-1,5 m	kg	4.600	2.350	4.650	2.400	6.550	3.300	10.550	5.000	*11.250	9.550
	-3,0 m	kg	5.600	2.900			6.600	3.350	*10.300	5.100	*14.700	9.800
	-4,5 m	kg	*6.750	4.300					8.250	5.350	*11.700	10.250

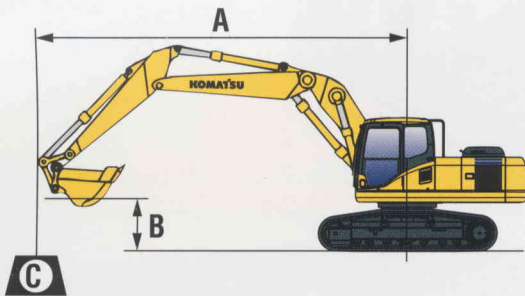
With 500 mm shoe  1,8 m 760 kg 0,96 m³	7,5 m	kg	*4.950	4.950								
	6,0 m	kg	*4.600	3.400			*5.500	4.050	*5.850	*5.850		
	4,5 m	kg	*4.600	2.750			*6.000	3.900	*7.150	6.250	*10.200	*10.200
	3,0 m	kg	4.600	2.400	4.850	2.550	*6.800	3.700	*9.000	5.650		
	1,5 m	kg	4.500	2.300	4.750	2.450	6.750	3.450	*10.450	5.150		
	0,0 m	kg	4.650	2.400	4.650	2.400	6.550	3.300	10.500	5.000		
	-1,5 m	kg	5.200	2.700			6.550	3.300	10.500	5.000	*12.250	9.600
	-3,0 m	kg	6.700	3.400			6.700	3.450	*9.650	5.150	*13.200	9.900
	-4,5 m	kg										

\* Load is limited by hydraulic capacity rather than tipping.  
 Ratings are based on SAE Standard No. J1097.  
 Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.



# PC210NLC-7

## TWO PIECE BOOM



- A – Reach from swing center
- B – Bucket hook height
- C – Lifting capacities, including bucket linkage (200 kg) and bucket cylinder (140 kg)

When removing bucket, linkage or cylinder, lifting capacities can be increased by their respective weights

With 500 mm shoe

- Rating over front
- Rating over side
- Rating at maximum reach

Arm length	A	7,5 m		6,0 m		4,5 m		3,0 m		1,5 m	

With 500 mm shoe  2,9 m 	7,5 m	kg									
	6,0 m	kg	*2.900	2.400	*4.300	2.800	*4.350	4.300			
	4,5 m	kg	*2.850	2.050	*4.550	2.750	*4.950	4.150			
	3,0 m	kg	*3.000	1.850	*5.000	2.600	*5.850	3.850	*7.600	6.100	
	1,5 m	kg	*3.200	1.750	4.850	2.500	*6.800	3.600	*9.350	5.550	
	0,0 m	kg	*3.600	1.800	4.750	2.350	6.750	3.400	*10.500	5.200	*6.450
	-1,5 m	kg	3.950	1.950	4.650	2.300	6.650	3.300	10.750	5.050	*10.000
	-3,0 m	kg			4.700	2.350	6.650	3.300	*10.550	5.100	
	-4,5 m	kg									

With 500 mm shoe  2,4 m 	7,5 m	kg									
	6,0 m	kg	*4.850	2.800			*4.900	4.300			
	4,5 m	kg	4.400	2.350	*5.000	2.750	*5.500	4.100	*6.600	*6.600	
	3,0 m	kg	4.050	2.100	5.000	2.650	*6.350	3.850	*8.400	6.050	
	1,5 m	kg	3.950	2.050	4.850	2.550	6.950	3.650	*10.050	5.550	
	0,0 m	kg	4.050	2.100	4.750	2.450	6.750	3.450	10.850	5.300	
	-1,5 m	kg	4.450	2.300	4.750	2.450	6.700	3.400	10.800	5.250	
	-3,0 m	kg					6.750	3.450			
	-4,5 m	kg									

With 500 mm shoe  1,8 m 	7,5 m	kg									
	6,0 m	kg	*4.950	3.250			*5.450	4.150			
	4,5 m	kg	*4.900	2.650	5.050	2.700	*6.000	4.050	*7.400	8.400	
	3,0 m	kg	4.550	2.400	5.000	2.600	*6.800	3.800	*9.200	5.800	
	1,5 m	kg	4.450	2.300	4.900	2.550	6.950	3.600	*10.550	5.400	
	0,0 m	kg	4.600	2.350	4.850	2.500	6.800	3.450	10.900	5.250	
	-1,5 m	kg	5.150	2.650			6.800	3.450	*10.850	5.300	
	-3,0 m	kg									
	-4,5 m	kg									

\* Load is limited by hydraulic capacity rather than tipping.  
 Ratings are based on SAE Standard No. J1097.  
 Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.

# CRAWLER EXCAVATOR



## STANDARD EQUIPMENT

Standard and optional equipment may vary. Consult your Komatsu dealer for more information.

- |  |  |   |   |
|--|--|---|---|
| <ul style="list-style-type: none"> <li>• Komatsu SAA6D102E-2 107kW direct injection emissionised stage II intercooled turbo charged diesel engine</li> <li>• Double element type air-cleaner with dust indicator and auto-dust evacuator</li> <li>• Suction type cooling fan with radiator fly screen</li> <li>• Automatic fuel line de-aeration</li> <li>• Engine key stop</li> <li>• Alternator, 24 Volt, 60 ampere</li> <li>• Batteries, 2x12 Volt, 95 Ah</li> <li>• Starter motor, 24 Volt 5.5 kW</li> <li>• Electronic closed-centre load sensing (E-CLSS) hydraulic system (HydrauMind)</li> <li>• Pump and engine mutual control (PEMC) system</li> <li>• Multi function colour monitor with equipment management monitoring system (EMMS)</li> </ul> | <ul style="list-style-type: none"> <li>• 4-working mode selection system; Active mode, economy mode, breaker mode and lifting mode</li> <li>• In-line filter for hydraulics</li> <li>• Standard counterweight</li> <li>• Standard colour scheme and decals</li> <li>• Power-Max function</li> <li>• Auto-deceleration function</li> <li>• Automatic engine warm-up system</li> <li>• Engine overheat prevention system</li> <li>• Fuel control dial</li> <li>• Adjustable PPC wrist control levers with 3 button controls for arm, boom, bucket and swing</li> <li>• PPC control levers and pedals for steering and travel</li> <li>• One additional 2-way proportional service valve (full flow)</li> </ul> | <ul style="list-style-type: none"> <li>• Hydrostatic, 3-speed travel system with automatic shift and planetary gear type final drives, and hydraulic travel and parking brakes</li> <li>• SpaceCab™; Highly pressurized and tightly sealed viscous mounted cab with tinted safety glass windows, opening roof hatch with window pull-up type front window with locking device, removable lower window, front window wiper with intermittent feature, ashtray, luggage box, floor mat</li> <li>• Track roller guards</li> <li>• Parts book and operator manual</li> <li>• Lockable fuel cap and covers</li> <li>• Remote greasing for swing circle and pins</li> <li>• Fuel supply pump</li> <li>• Track frame under-guards</li> </ul> | <ul style="list-style-type: none"> <li>• 12 Volt power supply</li> <li>• Overload warning device</li> <li>• Boom safety valves</li> <li>• Large handrails and rear-view mirrors</li> <li>• Cigarette lighter</li> <li>• Radio cassette preparation</li> <li>• Beverage holder and magazine rack</li> <li>• Electrical horn</li> <li>• Climate control/Airconditioning</li> <li>• Hot and cool box</li> <li>• Cap, overall</li> <li>• Toolkit and spare parts for first service</li> <li>• Lights; 2 revolving frame lights and 1 boom light</li> <li>• Suspension seat with adjustable arm rests and retractable seat belt</li> <li>• Engine ignition can be password secured on request</li> </ul> |
|--|--|---|---|

## OPTIONAL EQUIPMENT

- |  |   |   |  |
|--|---|---|--|
| <ul style="list-style-type: none"> <li>• STD, LC and NLC undercarriages</li> <li>• 500, 600, 700, 800, 900 mm triple grouser track-shoes</li> <li>• Mono boom - Two piece boom</li> <li>• 1,8 m, 2,4 m, 2,9 m arms</li> <li>• Automatic greasing system</li> </ul> | <ul style="list-style-type: none"> <li>• Additional hydraulic circuits</li> <li>• OPG top guard</li> <li>• Heated air suspension seat</li> <li>• Full length track roller guards</li> <li>• Radio-Cassette</li> </ul> | <ul style="list-style-type: none"> <li>• Service points</li> <li>• Beacon preparation</li> <li>• Bio oil</li> <li>• Additional cab roof lights</li> <li>• Rain visor</li> </ul> | <ul style="list-style-type: none"> <li>• Komatsu buckets</li> <li>• Arm safety valve</li> <li>• OPG front guard</li> <li>• Arm safety valve</li> </ul> |
|--|---|---|--|

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