

## ENGINE

Model .....	Komatsu SAA6D107E-1
Type .....	Common rail direct injection, water-cooled, emissionised, turbocharged, after-cooled diesel
Engine power	
at rated engine speed .....	2.000 rpm
ISO 14396 .....	116 kW / 156 HP
ISO 9249 (net engine power) .....	110 kW / 148 HP
No. of cylinders .....	6
Bore x stroke .....	107 x 124 mm
Displacement .....	6,69 ltr
Battery .....	2 x 12 V/140 Ah
Alternator .....	24 V/60 A
Starter motor .....	24 V/5,5 kW
Air filter type .....	Double element type with monitor panel dust indicator and auto dust evacuator
Cooling .....	Suction type cooling fan with radiator fly screen

## HYDRAULIC SYSTEM

Type .....	HydrauMind. Closed-centre system with load sensing and pressure compensation valves
Additional circuits .....	Depending on the 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 219 ltr/min
Relief valve settings	
Implement .....	380 bar
Travel .....	380 bar
Swing .....	295 bar
Pilot circuit .....	33 bar

## UNDERCARRIAGE

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

## OPERATING WEIGHT (APPR.)

	MONO BOOM						TWO-PIECE BOOM					
	PC210-8		PC210LC-8		PC210NLC-8		PC210-8		PC210LC-8		PC210NLC-8	
Triple 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	-	-	-	-	21.830 kg	0,55 kg/cm <sup>2</sup>					22.730 kg	0,57 kg/cm <sup>2</sup>
600 mm	21.390 kg	0,50 kg/cm <sup>2</sup>	21.990 kg	0,46 kg/cm <sup>2</sup>	22.190 kg	0,47 kg/cm <sup>2</sup>	22.290 kg	0,52 kg/cm <sup>2</sup>	22.890 kg	0,48 kg/cm <sup>2</sup>	23.090 kg	0,48 kg/cm <sup>2</sup>
700 mm	21.640 kg	0,43 kg/cm <sup>2</sup>	22.260 kg	0,40 kg/cm <sup>2</sup>	22.460 kg	0,40 kg/cm <sup>2</sup>	22.540 kg	0,45 kg/cm <sup>2</sup>	23.160 kg	0,42 kg/cm <sup>2</sup>	23.360 kg	0,42 kg/cm <sup>2</sup>
800 mm	21.930 kg	0,38 kg/cm <sup>2</sup>	22.580 kg	0,36 kg/cm <sup>2</sup>	-	-	22.830 kg	0,40 kg/cm <sup>2</sup>	23.480 kg	0,37 kg/cm <sup>2</sup>		
900 mm	-	-	22.850 kg	0,32 kg/cm <sup>2</sup>	-	-			23.750 kg	0,33 kg/cm <sup>2</sup>		

Operating weight, including 2,9 m arm, 900 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 - 12,4 rpm
Swing torque .....	68 kNm
Max. pressure .....	295 bar

## 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°
Max. travel speeds	
Lo / Mi / Hi .....	3,0 / 4,1 / 5,5 km/h
Maximum drawbar pull .....	18.200 kg
Brake system .....	Hydraulically operated discs in each travel motor

## SERVICE REFILL CAPACITIES

Fuel tank .....	325,0 ltr
Radiator .....	20,4 ltr
Engine oil .....	23,1 ltr
Swing drive .....	6,6 ltr
Hydraulic tank .....	137,0 ltr
Final drive (each side) .....	3,3 ltr

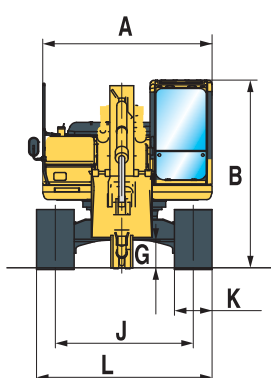
## ENVIRONMENT

Engine emissions .....	Fully complies with EU Stage IIIA and EPA Tier III exhaust emission regulations
Noise levels	
LwA external .....	102 dB(A) (2000/14/EC Stage II)
LpA operator ear .....	69 dB(A) (ISO 6396 dynamic test)
Vibration levels (EN 12096:1997)*	
Hand/arm .....	≤ 2,5 m/s <sup>2</sup> (uncertainty K = 0,49 m/s <sup>2</sup> )
Body .....	≤ 0,5 m/s <sup>2</sup> (uncertainty K = 0,24 m/s <sup>2</sup> )

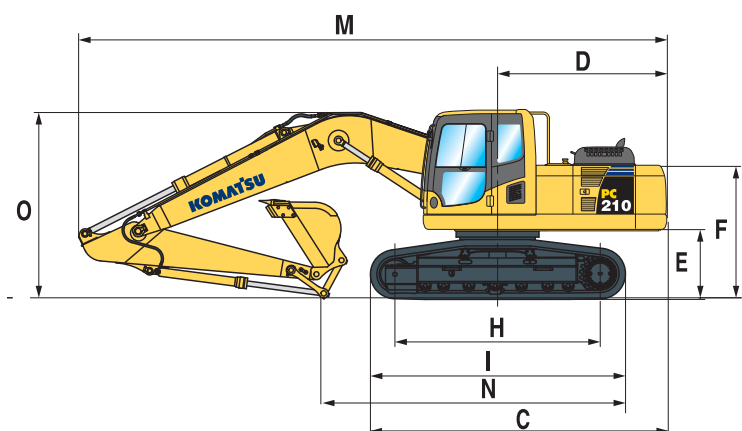
\* for the purpose of risk assessment under directive 2002/44/EC, please refer to ISO/TR 25398:2006.

# Dimensions & Performance Figures

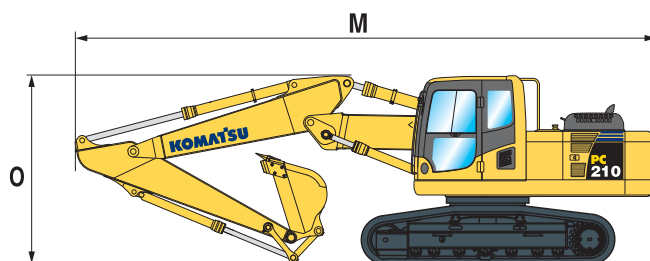
MACHINE DIMENSIONS	PC210-8	PC210LC-8	PC210NLC-8
A Overall width of upper structure	2.500 mm	2.500 mm	2.500 mm
B Overall height of cab	3.035 mm	3.035 mm	3.035 mm
C Overall length of basic machine	4.810 mm	4.995 mm	4.995 mm
D Tail length	2.770 mm	2.770 mm	2.770 mm
Tail swing radius	2.800 mm	2.800 mm	2.800 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 Tumbler centre distance	3.275 mm	3.655 mm	3.655 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	-	-	2.540 mm
Overall track width with 600 mm shoe	2.800 mm	2.980 mm	2.640 mm
Overall track width with 700 mm shoe	2.900 mm	3.080 mm	2.740 mm
Overall track width with 800 mm shoe	3.000 mm	3.180 mm	-
Overall track width with 900 mm shoe	-	3.280 mm	-



MONO BOOM



TWO-PIECE BOOM



TRANSPORT DIMENSIONS	MONO BOOM			TWO-PIECE BOOM		
Arm length	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	9.515 mm	9.420 mm	9.395 mm
N Length on ground (transport) PC210	6.270 mm	5.700 mm	4.815 mm	6.390 mm	5.970 mm	5.185 mm
Length on ground (transport) PC210LC/NLC	6.455 mm	5.885 mm	5.000 mm	6.580 mm	6.160 mm	5.375 mm
O Overall height (to top of boom)	2.985 mm	3.190 mm	2.970 mm	2.865 mm	3.090 mm	3.030 mm

**PC210-8 / MAX. BUCKET CAPACITY AND WEIGHT**

<b>MONO BOOM</b>						
<b>Arm length</b>	<b>1,8 m</b>		<b>2,4 m</b>		<b>2,9 m</b>	
Material weight up to 1,2 t/m <sup>3</sup>	1,56 m <sup>3</sup>	1.100 kg	1,38 m <sup>3</sup>	1.025 kg	1,27 m <sup>3</sup>	950 kg
Material weight up to 1,5 t/m <sup>3</sup>	1,33 m <sup>3</sup>	1.000 kg	1,18 m <sup>3</sup>	925 kg	1,08 m <sup>3</sup>	875 kg
Material weight up to 1,8 t/m <sup>3</sup>	1,15 m <sup>3</sup>	900 kg	1,00 m <sup>3</sup>	850 kg	0,94 m <sup>3</sup>	800 kg

<b>TWO-PIECE BOOM</b>						
<b>Arm length</b>	<b>1,8 m</b>		<b>2,4 m</b>		<b>2,9 m</b>	
Material weight up to 1,2 t/m <sup>3</sup>	1,47 m <sup>3</sup>	1.075 kg	1,30 m <sup>3</sup>	975 kg	1,18 m <sup>3</sup>	925 kg
Material weight up to 1,5 t/m <sup>3</sup>	1,25 m <sup>3</sup>	950 kg	1,10 m <sup>3</sup>	875 kg	1,00 m <sup>3</sup>	825 kg
Material weight up to 1,8 t/m <sup>3</sup>	1,09 m <sup>3</sup>	875 kg	0,96 m <sup>3</sup>	800 kg	0,87 m <sup>3</sup>	750 kg

**PC210LC-8 / MAX. BUCKET CAPACITY AND WEIGHT**

<b>MONO BOOM</b>						
<b>Arm length</b>	<b>1,8 m</b>		<b>2,4 m</b>		<b>2,9 m</b>	
Material weight up to 1,2 t/m <sup>3</sup>	1,68 m <sup>3</sup>	1.200 kg	1,62 m <sup>3</sup>	1.150 kg	1,47 m <sup>3</sup>	1.075 kg
Material weight up to 1,5 t/m <sup>3</sup>	1,50 m <sup>3</sup>	1.075 kg	1,38 m <sup>3</sup>	1.025 kg	1,25 m <sup>3</sup>	950 kg
Material weight up to 1,8 t/m <sup>3</sup>	1,30 m <sup>3</sup>	975 kg	1,20 m <sup>3</sup>	925 kg	1,09 m <sup>3</sup>	875 kg

<b>TWO-PIECE BOOM</b>						
<b>Arm length</b>	<b>1,8 m</b>		<b>2,4 m</b>		<b>2,9 m</b>	
Material weight up to 1,2 t/m <sup>3</sup>	1,68 m <sup>3</sup>	1.200 kg	1,50 m <sup>3</sup>	1.075 kg	1,38 m <sup>3</sup>	1.025 kg
Material weight up to 1,5 t/m <sup>3</sup>	1,45 m <sup>3</sup>	1.050 kg	1,28 m <sup>3</sup>	975 kg	1,18 m <sup>3</sup>	925 kg
Material weight up to 1,8 t/m <sup>3</sup>	1,26 m <sup>3</sup>	950 kg	1,11 m <sup>3</sup>	875 kg	1,02 m <sup>3</sup>	850 kg

**PC210NLC-8 / MAX. BUCKET CAPACITY AND WEIGHT**

<b>MONO BOOM</b>						
<b>Arm length</b>	<b>1,8 m</b>		<b>2,4 m</b>		<b>2,9 m</b>	
Material weight up to 1,2 t/m <sup>3</sup>	1,53 m <sup>3</sup>	1.100 kg	1,38 m <sup>3</sup>	1.025 kg	1,24 m <sup>3</sup>	950 kg
Material weight up to 1,5 t/m <sup>3</sup>	1,30 m <sup>3</sup>	975 kg	1,18 m <sup>3</sup>	925 kg	1,05 m <sup>3</sup>	850 kg
Material weight up to 1,8 t/m <sup>3</sup>	1,13 m <sup>3</sup>	900 kg	1,00 m <sup>3</sup>	850 kg	0,91 m <sup>3</sup>	775 kg

<b>TWO-PIECE BOOM</b>						
<b>Arm length</b>	<b>1,8 m</b>		<b>2,4 m</b>		<b>2,9 m</b>	
Material weight up to 1,2 t/m <sup>3</sup>	1,44 m <sup>3</sup>	1.050 kg	1,27 m <sup>3</sup>	950 kg	1,15 m <sup>3</sup>	900 kg
Material weight up to 1,5 t/m <sup>3</sup>	1,23 m <sup>3</sup>	950 kg	1,08 m <sup>3</sup>	875 kg	0,98 m <sup>3</sup>	825 kg
Material weight up to 1,8 t/m <sup>3</sup>	1,07 m <sup>3</sup>	850 kg	0,94 m <sup>3</sup>	800 kg	0,85 m <sup>3</sup>	750 kg

Max. capacity and weight have been calculated according to ISO 10567:2007.

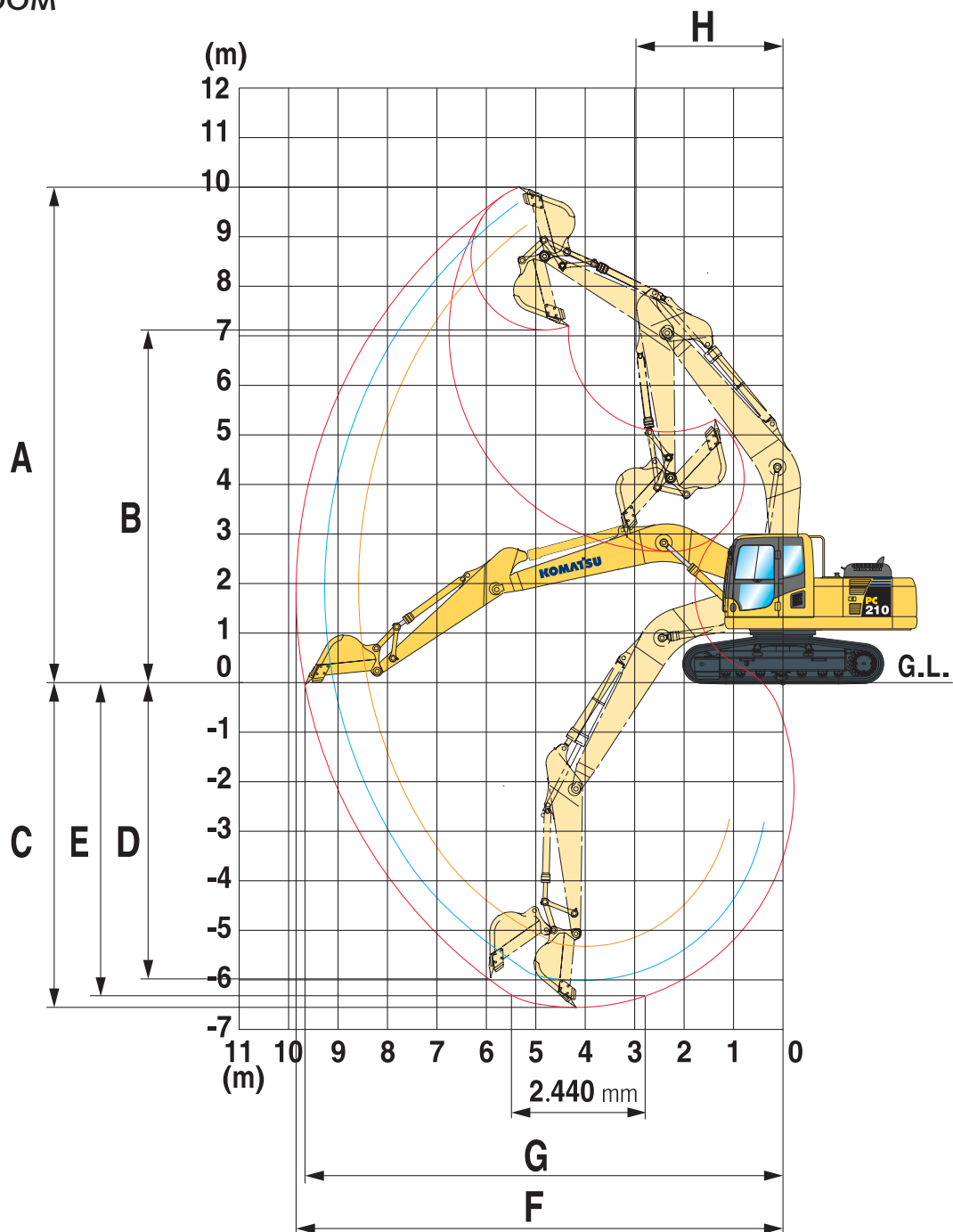
Please consult with your distributor for the correct selection of buckets and attachments to suit the application.

**BUCKET AND ARM FORCE**

<b>Arm length</b>	<b>1,8 m</b>	<b>2,4 m</b>	<b>2,9 m</b>
Bucket digging force	16.500 kg	16.500 kg	14.100 kg
Bucket digging force at PowerMax	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 PowerMax	14.800 kg	13.000 kg	11.000 kg

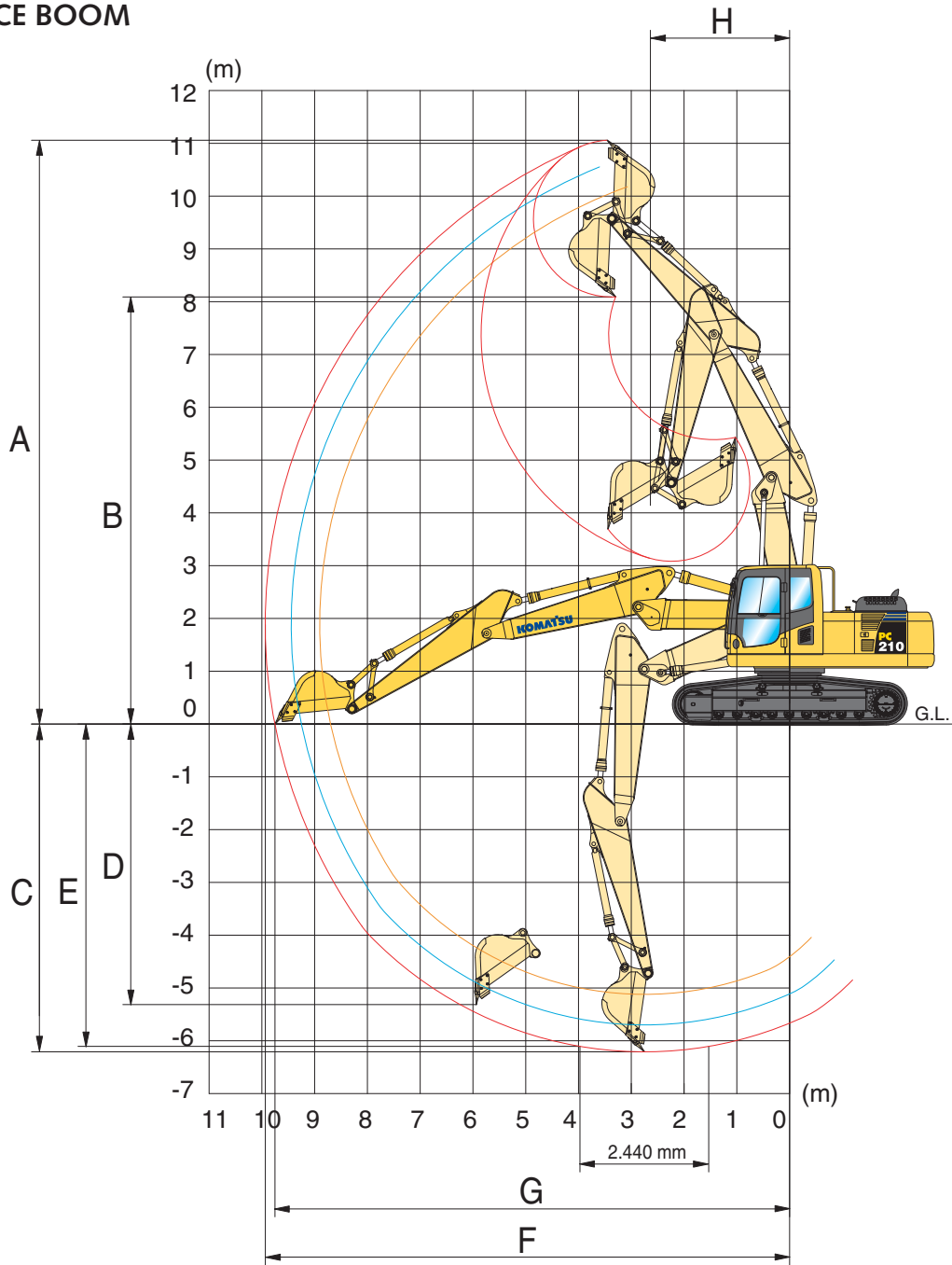
# Working Range

## 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











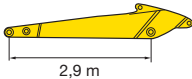

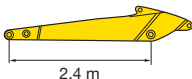

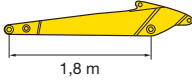

## TWO-PIECE BOOM

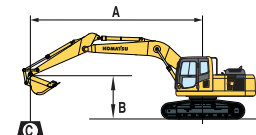





ARM LENGTH	1,8 m	2,4 m	2,9 m
A Max. digging height	10.260 mm	10.660 mm	11.060 mm
B Max. dumping height	7.295 mm	7.695 mm	8.090 mm
C Max. digging depth	5.120 mm	5.700 mm	6.210 mm
D Max. vertical wall digging depth	4.040 mm	4.745 mm	5.250 mm
E Max. digging depth of cut for 2,44 m level	5.000 mm	5.590 mm	6.105 mm
F Max. digging reach	8.900 mm	9.440 mm	9.935 mm
G Max. digging reach at ground level	8.695 mm	9.250 mm	9.750 mm
H Min. swing radius	3.105 mm	2.890 mm	2.640 mm

# Lifting Capacity

## PC210-8 MONO BOOM

Arm length	A		7,5 m		6,0 m		4,5 m		3,0 m		1,5 m			
	B													
 2,9 m  760 kg	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	9.800	*6.300	*6.300
	-3,0 m	kg	3.900	2.450			5.200	3.250	8.300	5.100	*15.250	10.000	*10.050	*10.050
	-4,5 m	kg	5.400	3.450					8.550	5.300	*12.950	10.450		
 2,4 m  760 kg	7,5 m	kg	*4.150	*4.150										
	6,0 m	kg	*3.950	3.000		*4.750	4.200							
	4,5 m	kg	3.750	2.450	4.050	2.650	*5.350	4.050	*6.200	*6.200				
	3,0 m	kg	3.400	2.200	3.950	2.550	5.800	3.800	*8.050	6.000				
	1,5 m	kg	3.250	2.050	3.800	2.450	5.500	3.550	8.700	5.450				
	0,0 m	kg	3.350	2.100	3.700	2.350	5.300	3.350	8.350	5.150	*6.750	*6.750		
	-1,5 m	kg	3.700	2.350	3.700	2.350	5.200	3.300	8.300	5.100	*11.600	9.900	*7.300	*7.300
	-3,0 m	kg	4.550	2.900			5.250	3.350	8.400	5.150	*14.500	10.200	*12.150	*12.150
	-4,5 m	kg	*6.800	4.450					*8.100	5.450	*11.500	10.700		
 1,8 m  760 kg	7,5 m	kg	*4.950	*4.950										
	6,0 m	kg	*4.550	3.450		*5.450	4.150	*5.750	*5.750					
	4,5 m	kg	4.200	2.750		*5.900	4.000	*7.100	6.450	*10.050	*10.050			
	3,0 m	kg	3.750	2.450	3.950	2.550	5.700	3.750	*8.900	5.800				
	1,5 m	kg	3.600	2.350	3.850	2.450	5.450	3.500	8.550	5.300				
	0,0 m	kg	3.750	2.400	3.800	2.400	5.300	3.350	8.350	5.150				
	-1,5 m	kg	4.200	2.700			5.300	3.350	8.350	5.150	*12.100	10.100		
	-3,0 m	kg	5.400	3.500			5.450	3.500	8.550	5.300	*13.150	10.400		
	-4,5 m	kg												











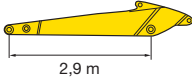

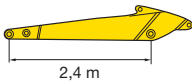

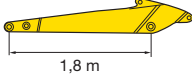



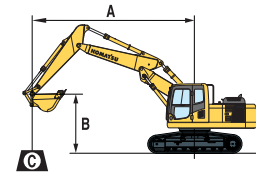
- A – Reach from swing center
- B – Bucket hook height
- C – Lifting capacities, including bucket (760 kg), bucket linkage (200 kg) and bucket cylinder (140 kg)
-  Rating over front
-  Rating over side
-  Rating at maximum reach




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

With 600 mm shoes

## PC210-8 TWO-PIECE BOOM

Arm length	A		7,5 m		6,0 m		4,5 m		3,0 m		1,5 m	
	B											
 2,9 m  760 kg	7,5 m	kg										
	6,0 m	kg	*2.450	2.450	*3.700	2.700	*5.150	4.300				
	4,5 m	kg	*2.400	2.000	4.000	2.650	*5.450	4.100	*6.750	*6.750		
	3,0 m	kg	*2.450	1.800	3.900	2.500	5.750	3.800	*9.050	6.150		
	1,5 m	kg	*2.650	1.700	3.800	2.350	5.500	3.450	8.800	5.400		
	0,0 m	kg	*2.850	1.700	3.650	2.250	5.200	3.200	8.300	4.950	*5.900	*5.900
	-1,5 m	kg	3.150	1.900	3.600	2.200	5.050	3.100	8.100	4.800	*8.750	*8.750
	-3,0 m	kg	3.750	2.300			5.100	3.100	*8.000	4.850	*8.750	*8.750
	-4,5 m	kg										
 2,4 m  760 kg	7,5 m	kg										
	6,0 m	kg	*3.950	2.800		*5.450	4.200	*6.900	6.900			
	4,5 m	kg	3.550	2.250	4.000	2.600	*5.800	4.000	*7.900	6.600	*9.550	*9.550
	3,0 m	kg	3.200	2.000	3.900	2.450	5.650	3.700	9.200	5.900		
	1,5 m	kg	3.100	1.900	3.750	2.350	5.400	3.400	8.600	5.250		
	0,0 m	kg	3.200	1.950	3.650	2.250	5.150	3.200	8.200	4.900		
	-1,5 m	kg	3.500	2.150	3.600	2.200	5.100	3.100	8.100	4.850	*9.350	*9.350
	-3,0 m	kg	*3.850	2.700			*5.150	3.200	*7.100	4.950		
	-4,5 m	kg										
 1,8 m  760 kg	7,5 m	kg										
	6,0 m	kg	*4.300	3.300		*5.900	4.050	*7.600	6.900			
	4,5 m	kg	4.050	2.600		5.850	3.900	*8.800	6.400	*10.500	*10.500	
	3,0 m	kg	3.650	2.300	3.850	2.450	5.600	3.650	9.100	5.700		
	1,5 m	kg	3.500	2.200	3.750	2.350	5.400	3.400	8.450	5.100		
	0,0 m	kg	3.650	2.250	3.700	2.300	5.200	3.200	8.200	4.900		
	-1,5 m	kg	4.100	2.550			5.200	3.200	8.200	4.950		
	-3,0 m	kg										
	-4,5 m	kg										



- A – Reach from swing center
- B – Bucket hook height
- C – Lifting capacities, including bucket (760 kg), bucket linkage (200 kg) and bucket cylinder (140 kg)
-  Rating over front
-  Rating over side
-  Rating at maximum reach

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

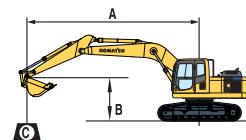
With 600 mm shoes

\* 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-8 MONO BOOM

Arm length	A		7,5 m		6,0 m		4,5 m		3,0 m		1,5 m			
	B													
 2,9 m 760 kg	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		



A – Reach from swing center

B – Bucket hook height

C – Lifting capacities, including bucket (760 kg), bucket linkage (200 kg) and bucket cylinder (140 kg)

– Rating over front

– Rating over side

– Rating at maximum reach

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

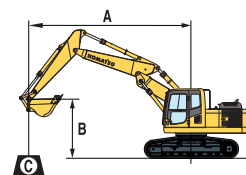
With 600 mm shoes

 2,4 m 760 kg	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	10.500	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		

 1,8 m 760 kg	7,5 m	kg	*4.950	*4.950								
	6,0 m	kg	*4.550	3.950		*5.450	4.700	*5.750	*5.750			
	4,5 m	kg	*4.550	3.200		*5.900	4.550	*7.100	*7.100	*10.050	*10.050	
	3,0 m	kg	4.600	2.850	4.800	3.000	*6.700	4.300	*8.900	6.700		
	1,5 m	kg	4.450	2.700	4.700	2.900	6.750	4.100	*10.400	6.200		
	0,0 m	kg	4.600	2.800	4.650	2.850	6.550	3.900	10.550	6.000		
	-1,5 m	kg	5.200	3.150			6.550	3.900	10.550	6.000	*12.100	11.950
	-3,0 m	kg	6.650	4.050			6.700	4.050	*9.600	6.200	*13.150	12.300
	-4,5 m	kg										

## PC210LC-8 TWO-PIECE BOOM

Arm length	A		7,5 m		6,0 m		4,5 m		3,0 m		1,5 m	
	B											
 2,9 m 760 kg	7,5 m	kg										
	6,0 m	kg	*2.450	*2.450	*3.700	3.150	*5.150	4.900				
	4,5 m	kg	*2.400	2.350	*4.300	3.100	*5.450	4.700	*6.750	*6.750		
	3,0 m	kg	*2.450	2.100	*4.550	2.950	*6.100	4.400	*9.050	7.050		
	1,5 m	kg	*2.650	2.050	4.700	2.800	6.800	4.050	*10.400	6.300		
	0,0 m	kg	*2.950	2.050	4.550	2.650	6.500	3.800	*9.900	5.850	*5.900	*5.900
	-1,5 m	kg	*3.500	2.250	4.500	2.600	6.350	3.650	*9.800	5.700	*8.750	*8.750
	-3,0 m	kg	*3.780	2.750			*5.900	3.700	*8.000	5.750	*8.750	*8.750
	-4,5 m	kg										



A – Reach from swing center

B – Bucket hook height

C – Lifting capacities, including bucket (760 kg), bucket linkage (200 kg) and bucket cylinder (140 kg)

– Rating over front

– Rating over side

– Rating at maximum reach

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

With 600 mm shoes











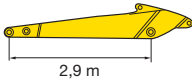

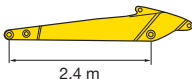

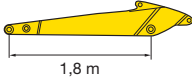

 2,4 m 760 kg	7,5 m	kg										
	6,0 m	kg	*3.950	3.250		*5.450	4.750	*6.900	*6.900			
	4,5 m	kg	*3.900	2.650	4.900	3.000	*5.800	4.600	*7.900	7.500	*9.550	*9.550
	3,0 m	kg	4.000	2.350	4.800	2.900	*6.450	4.300	*9.650	6.800		
	1,5 m	kg	3.850	2.250	4.650	2.750	6.700	3.950	*10.600	6.150		
	0,0 m	kg	3.950	2.300	4.550	2.650	6.450	3.750	*10.400	5.800		
	-1,5 m	kg	4.400	2.550	4.500	2.650	6.350	3.700	*9.250	5.700	*9.350	*9.350
	-3,0 m	kg	*3.850	3.200			*5.150	3.750	*7.100	5.850		
	-4,5 m	kg										

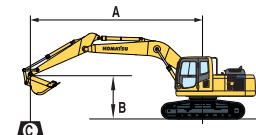
 1,8 m 760 kg	7,5 m	kg										
	6,0 m	kg	*4.300	3.800		*5.900	4.650	*7.600	7.850			
	4,5 m	kg	*4.200	3.050		*6.250	4.500	*8.800	7.350	*10.500	*10.500	
	3,0 m	kg	*4.300	2.700	4.750	2.850	6.900	4.200	*10.350	6.600		
	1,5 m	kg	4.350	2.600	4.650	2.750	6.650	3.950	10.700	6.000		
	0,0 m	kg	4.500	2.650	4.600	2.700	6.500	3.800	*10.050	5.800		
	-1,5 m	kg	*4.750	3.000			*6.450	3.800	*8.500	5.800		
	-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-8 MONO BOOM

Arm length	A		7,5 m		6,0 m		4,5 m		3,0 m		1,5 m			
	B													
 2,9 m  760 kg	7,5 m	kg	*2.800	*2.800		*4.150	*4.150							
	6,0 m	kg	*2.650	2.550	*3.450	2.750	*4.250	*4.250						
	4,5 m	kg	*2.650	2.150	*4.550	2.700	*4.850	4.100	*5.400	*5.400				
	3,0 m	kg	*2.750	1.900	4.950	2.600	*5.800	3.800	*7.350	6.050	*11.450	*11.450		
	1,5 m	kg	*3.000	1.800	4.800	2.450	*6.750	3.550	*9.250	5.350	*6.350	*6.350		
	0,0 m	kg	*3.400	1.850	4.650	2.350	6.650	3.300	*10.450	5.100	*7.200	*7.200		
	-1,5 m	kg	4.100	2.000	4.600	2.300	6.500	3.150	10.600	4.800	*10.450	8.800	*6.300	*6.300
	-3,0 m	kg	4.850	2.400			6.550	3.200	*10.450	4.950	*15.250	9.600	*10.050	*10.050
	-4,5 m	kg	*6.300	3.400					*9.000	5.150	*12.950	10.000		
 2,4 m  760 kg	7,5 m	kg	*4.150	4.150										
	6,0 m	kg	*3.950	2.950		*4.750	4.150							
	4,5 m	kg	*3.950	2.450	*4.950	2.650	*5.350	4.000	*6.200	*6.200				
	3,0 m	kg	*4.200	2.150	4.900	2.550	*6.200	3.750	*8.050	5.850				
	1,5 m	kg	4.100	2.050	4.750	2.400	6.850	3.500	*9.800	5.200				
	0,0 m	kg	4.200	2.100	4.650	2.350	6.650	3.300	10.700	5.050	*6.750	*6.750		
	-1,5 m	kg	4.650	2.300	4.650	2.300	6.550	3.200	10.600	4.800	*11.600	8.900	*7.300	*7.300
	-3,0 m	kg	5.700	2.850			6.600	3.300	*10.150	5.050	*14.500	9.750	*12.150	*12.150
	-4,5 m	kg	*6.800	4.350					*8.100	5.300	*11.500	10.250		
 1,8 m  760 kg	7,5 m	kg	*4.950	*4.950										
	6,0 m	kg	*4.550	3.400		*5.450	4.050	*5.750	*5.750					
	4,5 m	kg	*4.550	2.750		*5.900	3.950	*7.100	6.300	*10.050	*10.050			
	3,0 m	kg	4.650	2.400	4.850	2.550	*6.700	3.700	*8.900	5.700				
	1,5 m	kg	4.500	2.300	4.750	2.450	6.800	3.450	*10.400	5.100				
	0,0 m	kg	4.700	2.350	4.700	2.400	6.600	3.300	10.650	5.000				
	-1,5 m	kg	5.250	2.650			6.600	3.250	10.650	4.850	*12.100	9.050		
	-3,0 m	kg	6.750	3.400			6.800	3.450	*9.600	5.200	*13.150	10.000		
	-4,5 m	kg												











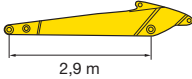

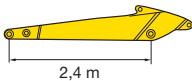

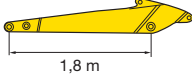



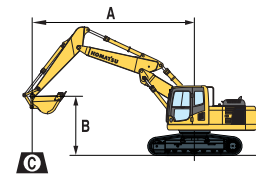
- A – Reach from swing center
- B – Bucket hook height
- C – Lifting capacities, including bucket (760 kg), bucket linkage (200 kg) and bucket cylinder (140 kg)
-  – Rating over front
-  – Rating over side
-  – Rating at maximum reach




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

With 500 mm shoes

## PC210NLC-8 TWO-PIECE BOOM

Arm length	A		7,5 m		6,0 m		4,5 m		3,0 m		1,5 m	
	B											
 2,9 m  760 kg	7,5 m	kg										
	6,0 m	kg	*2.450	2.400	*3.700	2.650	*5.150	4.250				
	4,5 m	kg	*2.400	2.000	*4.300	2.600	*5.450	4.050	*6.750	6.700		
	3,0 m	kg	*2.450	1.750	*4.550	2.500	*6.100	3.750	*9.050	5.950		
	1,5 m	kg	*2.650	1.650	4.750	2.300	6.850	3.400	*10.400	5.250		
	0,0 m	kg	*2.950	1.700	4.600	2.200	6.550	3.150	*9.900	4.850	*5.900	*5.900
	-1,5 m	kg	*3.500	1.850	4.550	2.150	6.450	3.050	*9.800	4.700	*8.750	*8.750
	-3,0 m	kg	*3.800	2.250			*5.900	3.050	*8.000	4.750	*8.750	*8.750
	-4,5 m	kg										
 2,4 m  760 kg	7,5 m	kg										
	6,0 m	kg	*3.950	2.750		*5.450	4.100	*6.900	6.700			
	4,5 m	kg	*3.900	2.200	4.950	2.550	*5.800	3.900	*7.900	6.450	*9.550	*9.550
	3,0 m	kg	*4.000	1.950	4.850	2.450	*6.450	3.650	*9.650	7.550		
	1,5 m	kg	3.900	1.850	4.700	2.300	6.750	3.350	*10.600	5.100		
	0,0 m	kg	4.000	1.900	4.600	2.200	6.550	3.100	*10.400	4.750		
	-1,5 m	kg	4.450	2.100	4.550	2.200	6.450	3.050	*9.250	4.750	*9.350	9.050
	-3,0 m	kg	*3.850	2.650			*5.150	3.150	*7.100	4.800		
	-4,5 m	kg										
 1,8 m  760 kg	7,5 m	kg										
	6,0 m	kg	*4.300	3.250		*5.900	4.000	*7.600	6.750			
	4,5 m	kg	*4.200	2.550		*6.250	3.850	*8.800	6.250	*10.500	*10.500	
	3,0 m	kg	*4.300	2.250	4.800	2.400	*6.900	3.600	*10.350	5.550		
	1,5 m	kg	4.400	2.150	4.700	2.300	6.750	3.300	*10.750	5.000		
	0,0 m	kg	4.550	2.200	4.650	2.250	6.550	3.150	*10.050	4.750		
	-1,5 m	kg	*4.750	2.500			*6.450	3.150	*8.500	4.800		
	-3,0 m	kg										
	-4,5 m	kg										



- A – Reach from swing center
- B – Bucket hook height
- C – Lifting capacities, including bucket (760 kg), bucket linkage (200 kg) and bucket cylinder (140 kg)
-  – Rating over front
-  – Rating over side
-  – Rating at maximum reach

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

With 500 mm shoes

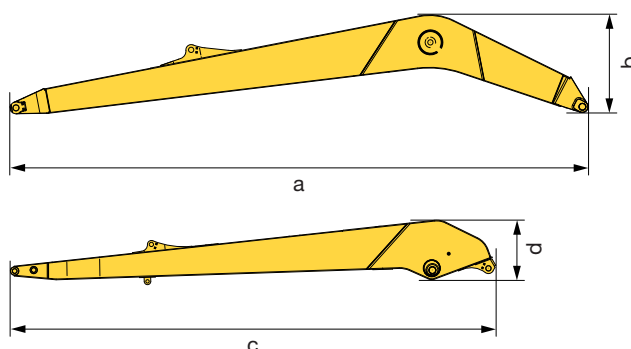
\* Load is limited by hydraulic capacity rather than tipping. Ratings are based on SAE Standard No. J1097. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.



# Super Long Front Specification

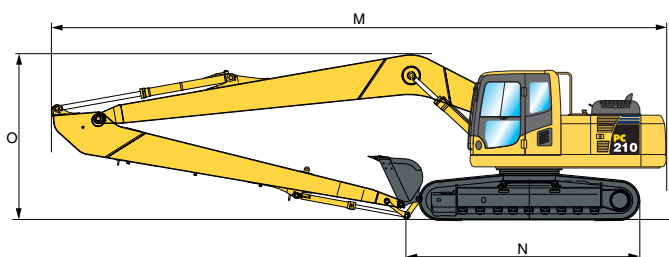
## WORK EQUIPMENT

<b>Boom</b>	
Length (a) .....	8.795 mm
Height (b) .....	1.555 mm
Weight .....	2.200 kg
<b>Arm</b>	
Length (c) .....	7.375 mm
Height (d) .....	1.000 mm
Weight .....	1.350 kg



## TRANSPORT DIMENSIONS

M	Transport length	12.435 mm
N	Length on ground (transport)	4.725 mm
O	Overall height (to top of boom)	3.390 mm



## MAX. BUCKET CAPACITY AND WEIGHT

	PC210LC-8		PC210NLC-8	
<b>General purpose bucket</b>				
Max. bucket width	955 mm			
Material weight up to 1,2 t/m <sup>3</sup>	0,66 m <sup>3</sup>	525 kg	0,48 m <sup>3</sup>	425 kg
Material weight up to 1,5 t/m <sup>3</sup>	0,56 m <sup>3</sup>	475 kg	0,41 m <sup>3</sup>	400 kg
Material weight up to 1,8 t/m <sup>3</sup>	0,49 m <sup>3</sup>	425 kg	0,36 m <sup>3</sup>	375 kg
<b>Ditch cleaning bucket</b>				
Max. bucket width	2.100 mm			
Material weight up to 1,2 t/m <sup>3</sup>	* 1.300 kg		* 1.000 kg	
Material weight up to 1,5 t/m <sup>3</sup>	* 1.300 kg		* 1.000 kg	
Material weight up to 1,8 t/m <sup>3</sup>	-		-	

\* Maximum load at end of arm (bucket + payload).

Max. capacity and weight have been calculated according to ISO 10567:2007.

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

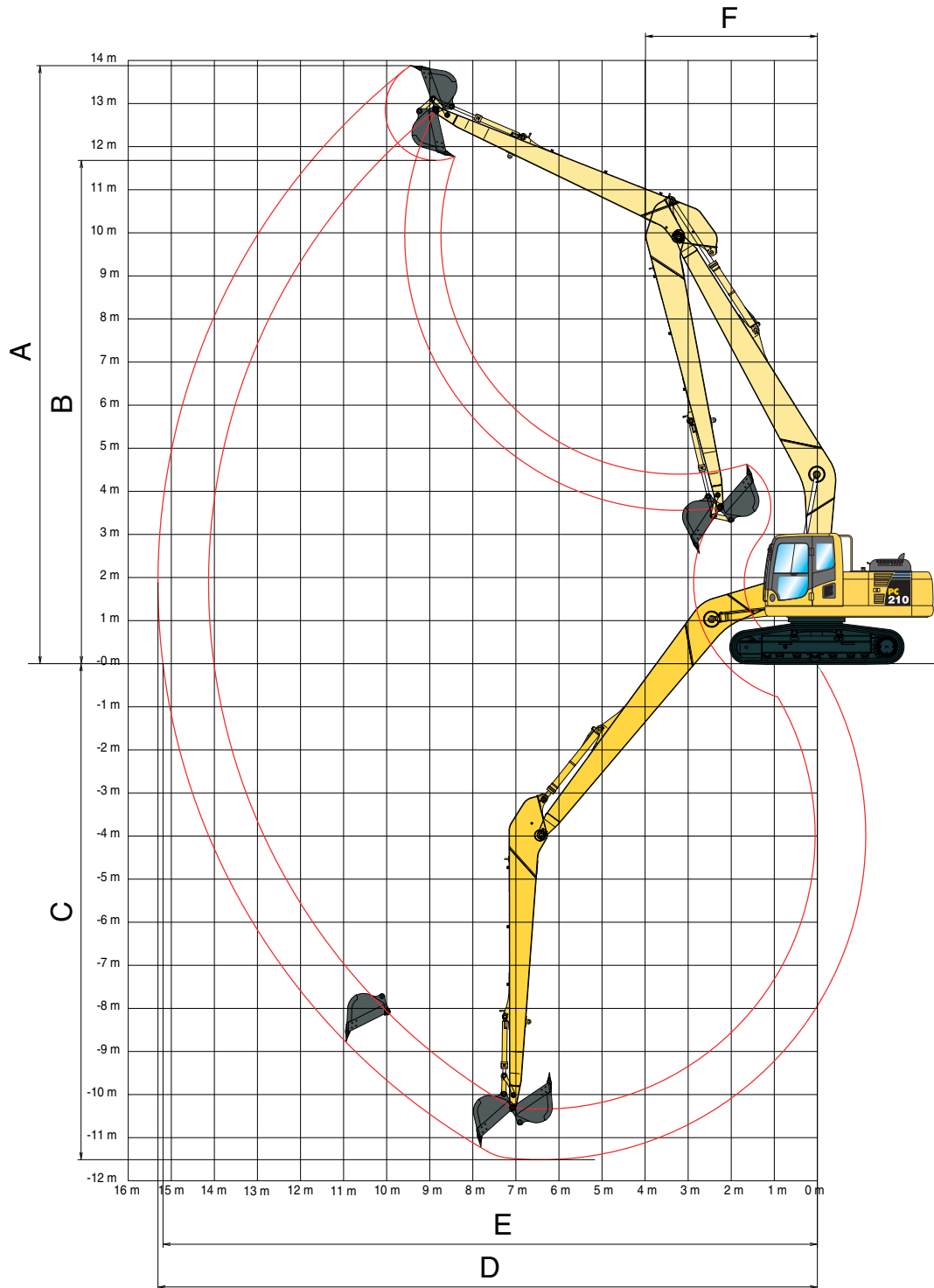
## OPERATING WEIGHT (APPR.)

	PC210LC-8		PC210NLC-8	
	Operating weight	Ground pressure	Operating weight	Ground pressure
Triple grouser shoes				
500 mm	-	-	24.010 kg	0,60 kg/cm <sup>2</sup>
600 mm	24.170 kg	0,51 kg/cm <sup>2</sup>	24.370 kg	0,52 kg/cm <sup>2</sup>
700 mm	24.530 kg	0,44 kg/cm <sup>2</sup>	24.730 kg	0,44 kg/cm <sup>2</sup>
800 mm	24.890 kg	0,39 kg/cm <sup>2</sup>	-	-
900 mm	25.250 kg	0,36 kg/cm <sup>2</sup>	-	-

Operating weight, including Super Long Front work equipment, bucket, operator, lubricant, coolant, full fuel tank and the standard equipment.

# Super Long Front Specification

## Working range PC210LC/NLC-8 Super Long Front



### SUPER LONG FRONT

A	Max. digging height	13.880 mm
B	Max. dumping height	11.680 mm
C	Max. digging depth	11.510 mm
D	Max. digging reach	15.250 mm
E	Max. digging reach at ground level	15.190 mm
F	Min. swing radius	3.990 mm

## Lifting capacity PC210LC/NLC-8 Super Long Front


A – Reach from swing center

B – Bucket hook height

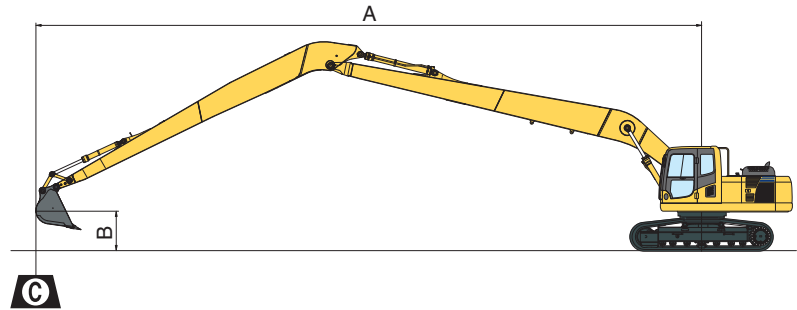
C – Lifting capacities, including bucket (367 kg)

 – Rating over front














 – Rating over side

 – Rating at maximum reach














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



### PC210LC-8 With 700 mm shoes

A			14,0 m		12,0 m		10,0 m		8,0 m		6,0 m	
												
10,0 m kg	950*	950*					1.750*	1.750*				
6,0 m kg	950*	950*			2.050*	1.750	2.050*	2.050*				
3,0 m kg	1.000*	1.000	1.500*	1.100	2.400*	1.550	2.650*	2.250	3.100*	3.100*	3.950*	3.950*
0,0 m kg	1.200*	950	1.650*	1.000	2.400	1.400	3.200	1.950	4.200*	2.800	5.900*	4.200
-3,0 m kg	1.550*	1.000			2.250	1.250	3.000	1.750	4.200	2.450	6.450	3.700
-6,0 m kg	2.250	1.250			2.250	1.250	2.950	1.700	4.100	2.350	6.400	3.650
-9,0 m kg	3.400	2.000							4.250	2.550	6.050	3.900

### PC210NLC-8 With 500 mm shoes

A			14,0 m		12,0 m		10,0 m		8,0 m		6,0 m	
												
12,0 m kg	1.050*	1.050*					1.200*	1.200*				
10,0 m kg	950*	950*					1.750*	1.750*				
6,0 m kg	950*	900			2.050*	1.400	2.050*	2.050*				
3,0 m kg	1.000*	750	1.500*	800	2.400*	1.200	2.650*	1.800	3.100*	2.700	3.950*	3.950*
0,0 m kg	1.200*	650	1.650*	700	2.250	1.050	3.100	1.500	4.200*	2.200	5.900*	3.350
-3,0 m kg	1.550*	700			2.150	900	2.850	1.300	4.000	1.900	6.200	2.850
-6,0 m kg	2.150	950			2.150	900	2.800	1.250	3.900	1.800	6.100	2.800
-9,0 m kg	3.250	1.550							4.100	1.950	6.050*	3.050
-10,0 m kg	3.750*	2.050							3.800*	2.100	5.350*	3.200

\* 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 table is published for guidance only, the machine is not intended for use as a crane.