

KOMATSU

PC650-5 & PC650LC-5 BACKHOE

PC650SE-5 SUPER EARTHMOVER

PC650-5 LOADING SHOVEL

HYDRAULIC EXCAVATORS



Flywheel Horsepower 302 kW (**404 HP**) @1800 RPM (SAE J1349)
Operating Weight

Backhoe	67350 kg (148,480 lb)
LC Backhoe	70190 kg (154,743 lb)
Super Earthmover	68050 kg (150,020 lb)
Loading Shovel	69370 kg (152,930 lb)

Models shown may include optional equipment.

KOMATSU



All The Right Ingredients For Greater Efficiency And Productivity

Outstanding Productivity

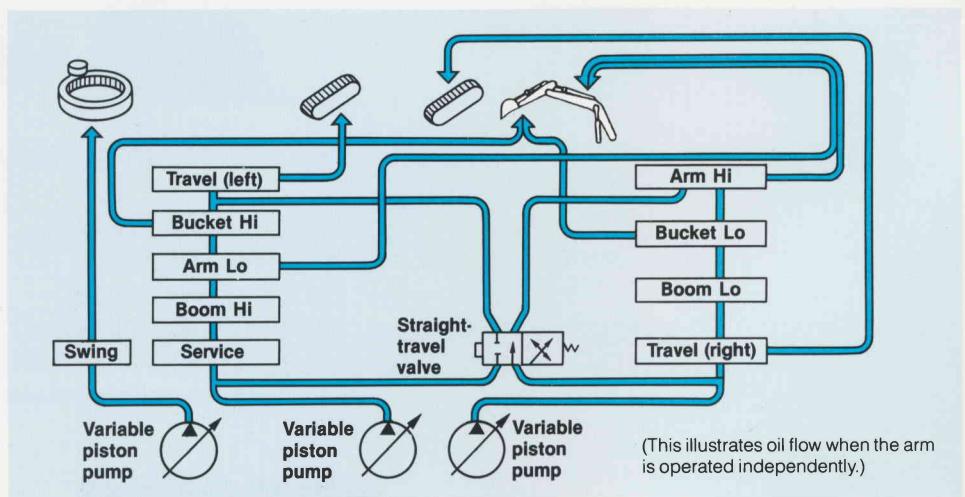
Mode selection system: Prevents undue fuel and power loss by matching the driving horsepower of the pumps to the specific task at hand. The operator may set the excavator in any one of three modes by simply setting the mode selection switch on the monitoring panel. The Heavy-Duty mode is used when maximum force is required. The Standard-Duty mode is for general digging and loading and the Light-Duty mode enables the operator to maintain quick cycle times and save fuel during light operations (such as slope finishing).

Arm merge circuits: The PC650-5's arm merge circuit assures smooth bucket movements and high-speed bucket/arm action, resulting in shorter cycle times. This feature makes the PC650-5 one of the most productive excavators—especially in leveling and slope-finishing, where frequent arm action is required.

Independent swing circuit: The swing circuit is separated from other hydraulic circuits to provide smooth, fast swing operation for fast cycle times.

Straight travel valve: Automatically interlocks the left and right hydraulic circuits allowing the machine to always travel straight, even when simultaneously operating the work equipment.

Larger undercarriages assure stable operation: The PC650-5's undercarriages are sturdy built with long track, wide track gauge and an ideal weight balance design. This provides the PC650-5 with excellent machine stability and tremendous digging force.



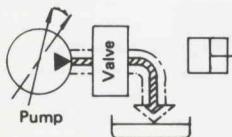
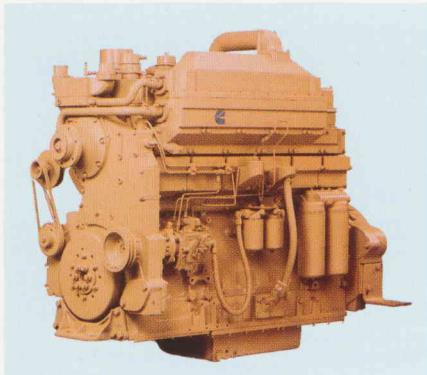
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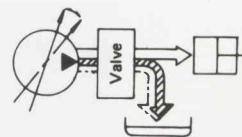
Productivity

Enhanced Fuel Economy

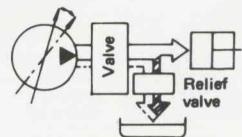
Cummins KT19-C diesel engine: Assures low fuel consumption. It delivers ample 302 kW (**404 HP**) power, making easy work out of heavy-duty digging and loading. And it adopts a direct-injection fuel system for greatly improved combustion efficiency. In addition, the lightweight design and reduced friction between moving parts further boost fuel economy.



Neutral loss reduction



Fine control loss reduction



Relief loss reduction

Operator Comfort



Human engineered cab: The large tinted glass windows provide excellent all-round visibility. Windows open wide to provide plenty of ventilation. The 5-way fully-adjustable reclining seat has armrests and suspension-mounting for additional comfort.

Low-noise operation: Promoted by advanced OLSS hydraulics, a closed engine compartment and a rubber mounted engine. All of which contribute to a low noise level inside the cab.

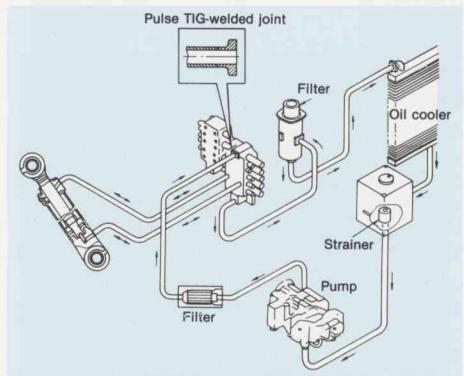
Engine key stop and PPC wrist control: To stop the engine, simply turn off the ignition key. The PPC (Pressure Proportional Control) wrist control levers help reduce operating effort and stroke, allowing the operator to comfortably continue to work for long hours with less fatigue.



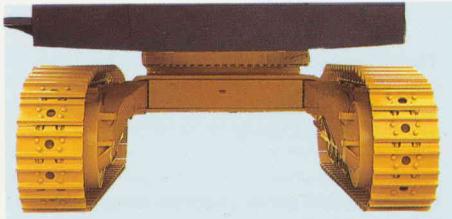
Minimum Downtime

Enhanced hydraulic system reliability:

- Large-diameter control valves reduce the number of hydraulic hoses for a simplified circuit configuration.
- A filter is located in the high-pressure circuit to screen impurities.
- Hydraulic cylinders with a piston valve eliminate sealing troubles caused by the "Dieseling effect" from air compression.
- Piping is made using the pulse TIG (Tungsten Inert Gas) welding method for exceptional reliability.

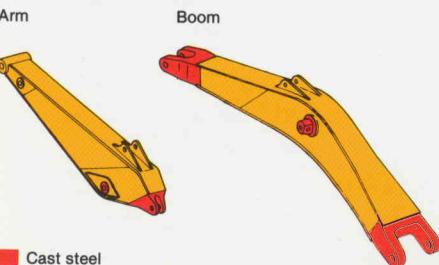


Advanced monitoring system: The monitoring system checks and reports the machine's status every moment allowing the operator to concentrate his attention on the controls. In addition, this early detection prevents minor problems from becoming large, costly problems.



Exceptionally tough undercarriage: The PC650-5 is equipped with extra-tough undercarriages which are the same as those on Komatsu-built giant bulldozers. Because the travel motors are the in-shoe type with the hydraulic piping built into the center frame, damage due to external obstructions is prevented.

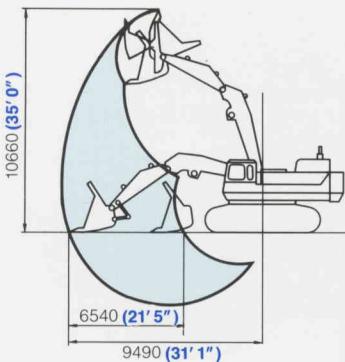
Sturdy work equipment: To enhance reliability, the box-sectioned boom is made of thick steel plates and employs cast-steel components on areas where stress is concentrated.



The Productive— PC650-5 Loading Shovel

Impressive digging force: The PC650-5 loading shovel boasts the largest digging force in its class and faster digging cycles. It also has the longest track length and widest track gauge for outstanding stability.

Wide working range: The PC650-5 loading shovel has the largest working range in its class, making almost all digging and loading operations easy and smooth. It also provides a greater level crowding distance to easily clean up the ground around the undercarriages.

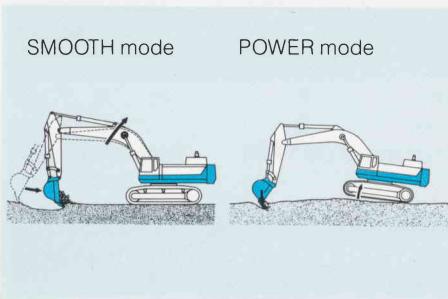


Auto-leveling/crowding (option): When scooping out coal layers or during leveling operations, select the "auto-leveling/crowding mode (optional)" and the microcomputer automatically adjusts the machine to ensure a level cut.



The High Performance— PC650-5 Backhoe

Soft dig system: Relief pressure setting at the boom head can be switched to low "SMOOTH" or to high "POWER" mode. In the SMOOTH mode, sure contact between machine and the ground is attained without the need to activate the boom control during arm digging operations. The results are smooth arm digging operations and increased comfort. In the POWER mode, boom lowering force is increased, enabling the PC650-5 to exit from soft terrain or penetrate hard soil easily.



Heavy-lifting system: Turn on the "heavy lift" switch and operate the boom lever. This increases the hydraulic set pressure to produce an approximately 10% increase in lifting capacity, making any kind of lifting operation easy.



The Dependable—PC650SE-5 Super Earthmover

The PC650SE-5 Super Earthmover is the reinforced model of the PC650-5 Backhoe and is equipped with specific features for extremely tough applications. Representative special features include:

- Larger bucket capacity makes it ideal for volume excavation.
- Higher breakout forces make excavation easy even under the toughest conditions.
- Faster cycle times
- Higher hourly production
- Extended equipment durability in the arm, bucket and bucket linkages.
- Less need for blasting due to its powerful digging force and rugged construction.

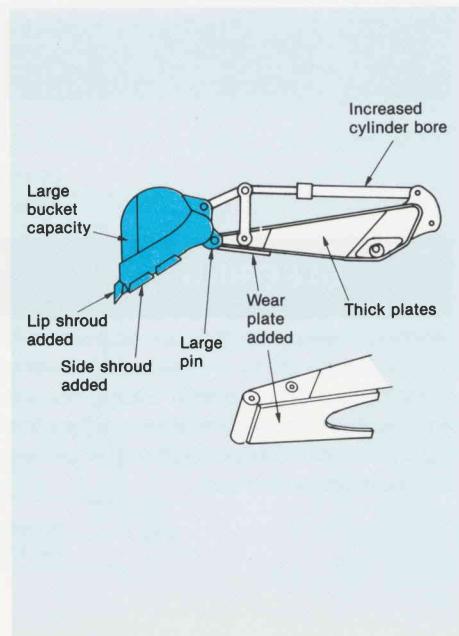
Large, reinforced bucket: Bucket capacity is increased from 2.8 m^3 (**3.66 cu.yd.**) for the standard PC650-5 backhoe to 4.0 m^3 (**5.2 cu.yd.**). Bucket reinforcement includes the addition of side shrouds, added wear-resistance by thickened plates and strengthened brackets, and increased wear resistance through the addition of thickened plates and strengthened brackets.

	PC650SE-5	PC650-5
Arm digging force	28.4 tons 62,610 lb	23.3 tons 51,380 lb
Bucket digging force	34.5 tons 70,060 lb	25.8 tons 56,880 lb

Reinforced bucket cylinder: Increased cylinder bore provides greater digging force.

Reinforced SE arm: The SE arm is composed of thicker steel plates, and additional plate beneath the arm bottom plate, a reinforced boss and increased boss diameter at the arm tip.

Arm top pin: Its diameter is increased from 115 mm (**4.53 in.**) for the standard PC650-5 to 130 mm (**5.1 in.**) for the PC650SE-5.



SPECIFICATIONS (Base machine)



ENGINE

Cummins KT19-C, 4-cycle, water-cooled, overhead-valve, direct-injection, turbocharged, aftercooled diesel engine. Six cylinders of 160 mm (**6.25"**) bore x 160 mm (**6.25"**) stroke and 19 lt. (**1,150 in³**) piston displacement.

Flywheel horsepower:

302 kW (**404 HP**) at 1800 RPM (SAE J1349)

Max. torque 176.5 kg-m (**1,276 ft-lb**) at 1400 RPM

Mechanical all-speed control governor. Gear pump-driven force lubrication with full-flow filter. Dry-type air cleaner with an automatic dust evacuator for longer element service intervals and a dust indicator for simplified maintenance. 24-volt electrical starting system.



DRIVES

Fully hydrostatic drive system. Each track is driven by one hydraulic motor. Power is transferred through spur gears and planetary reduction gears to the track.

Std.

LC

Max. drawbar pull 46500 kg (**102,510 lb**) 50800 kg (**111,995 lb**)

Max. travel speed:

High

4.1 km/h (**2.5 MPH**)

3.7 km/h (**2.3 MPH**)

Low

2.7 km/h (**1.7 MPH**)

2.4 km/h (**1.5 MPH**)



BRAKES

Hydraulic lock-type brakes. Each travel motor is equipped with a brake valve. When the travel/steering levers are positioned in neutral, the brakes automatically lock. When the brakes are applied, the brake valve softens shocks and also assures smooth machine starts. The brake valve also serves to regulate speeds when making descents. Oil, multiple-disc type parking brakes, which are hydraulically interconnected with travel/steering levers, are also automatically actuated on the final-drive shaft.



SWING SYSTEM

The piston motor powers the swing system through swing machinery with spur and planetary reduction gears. The swing holding brake built in the swing machinery is automatically applied when the control lever is positioned in neutral. Single-row shear type ball bearings with induction-hardened internal gears are built in the swing circle. Swing speed is 5.7 RPM.

Tail swing radius 4.1 m (**13'5"**)



UNDERCARRIAGE

Job-proven undercarriages with long track and wide track gauge. Center frame is mounted on the track frames and secured with bolts. Variable track gauge. Sealed tracks. Lubricated rollers and idlers. Hydraulic track tension adjusters. Assembled track-type tractor shoes with double grousers. Mechanical type idler cushion.

Std./SE

LC

Shoe width	610 mm (24")	810 mm (32")
Grouser height	50 mm (2")	50 mm (2")
No. of shoes (ea. side)	47	51
No. of track rollers (ea. side)	8	9
No. of carrier rollers (ea. side)	3	3
Ground pressure	1.09 kg/cm² (15.1 PSI)	.79 kg/cm² (11.3 PSI)



STEERING

Steering/traveling controls are activated with either hand levers or foot pedals. Pushing or pulling both levers (or pedals) moves the machine forward or reverse. Setting one lever (or pedal) in neutral and the other in forward enables machine to make a pivot turn. Pushing one forward while pulling the other backward makes the machine counterrotate on the spot.

SERVICE REFILL CAPACITIES

Fuel tank	740 ltr.	(195.5 U.S. gal)
Coolant	147 ltr.	(38.8 U.S. gal)
Engine Oil	50 ltr.	(13.2 U.S. gal)
Final drive (each side)	35 ltr.	(9.2 U.S. gal)
Swing drive	37 ltr.	(9.8 U.S. gal)
Hydraulic oil	480 ltr.	(126.8 U.S. gal)
Pump drive	10 ltr.	(2.6 U.S. gal)

SPECIFICATIONS (PC650-5 Loading Shovel)



HYDRAULIC SYSTEM

Hydraulic cylinders:

Cylinders	No.	Bore x stroke
Boom	2	180 mm x 1490 mm (7.1" x 58.7")
Arm	1	225 mm x 1530 mm (8.9" x 60.2")
Bucket	2	180 mm x 1300 mm (7.1" x 51.2")
Bottom dump	2	140 mm x 335 mm (5.5" x 13.2")

Oil-to-air hydraulic oil cooler maintains optimum heat balance of the hydraulic oil.



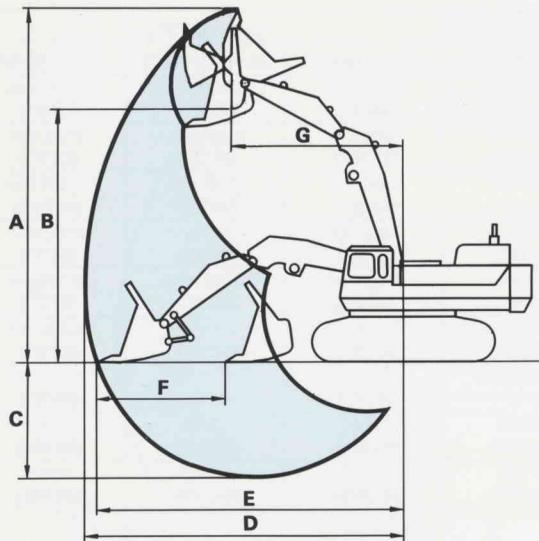
OPERATING WEIGHT

Operating weight, including 4600 mm (**15'1"**) boom, 3400 mm (**11'2"**) arm, 3.8 m³ (**4.97 cu. yd.**) heaped bucket, operator, lubricants, coolant, full fuel tank and standard equipment.

Shoes	Operating weight	Ground pressure
610 mm (24")	69370 kg (152,930 lb)	1.13 kg/cm ² (16.07 PSI)



WORKING RANGE & ATTACHMENTS



Working Range

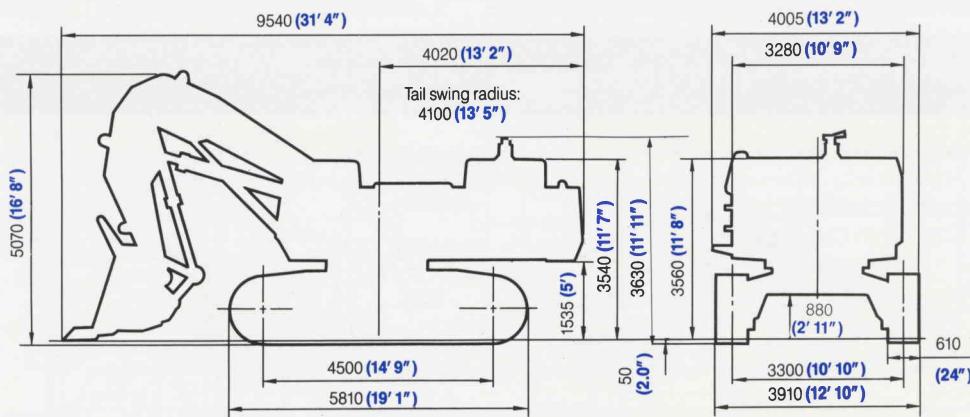
	Bucket	3.8m ³ (5.0 cu. yd.) bottom dump bucket	4.5m ³ (5.9 cu. yd.) bottom dump bucket
A	Max. cutting height	10660 mm (35'0")	10825 mm (35'6")
B	Max. dumping height	7690 mm (25'3")	7690 mm (25'3")
C	Max. digging depth	3450 mm (11'4")	3545 mm (11'8")
D	Max. digging reach	10000 mm (32'10")	10135 mm (33'3")
E	Max. digging reach at ground level	9490 mm (31'1")	9765 mm (32'0")
F	Level crowding distance	3970 mm (13'0")	3965 mm (13'0")
G	Reach at max. dumping height	5550 mm (18'3")	5550 mm (18'3")
Bucket digging force kg (lb)		44000 (97,000)	40800 (89,950)
Arm crowd force kg (lb)		45000 (99,210)	45000 (99,210)

Bucket Selection

Type of bucket	Bottom dump	Bottom dump
Capacity	Heaped	3.8 m ³ (5.0 cu. yd.)
	Struck	3.0 m ³ (3.9 cu. yd.)
Width	2320 mm (91.3")	2320 mm (91.3")
Weight	5400 kg (11,900 lb)	5700 kg (12,570 lb)
No. of bucket teeth	6	6
Recommended uses	General-purpose digging and loading	Light-duty excavation and loading



DIMENSIONS



Unit: mm (**ft. in.**)

SPECIFICATIONS (PC650-5 Backhoe, PC650LC-5)



HYDRAULIC SYSTEM

Hydraulic cylinders:

Cylinders	No.	Bore x stroke
Boom	2	200 mm x 1892 mm (7.9" x 74.5")
Arm	1	200 mm x 2250 mm (7.9" x 88.6")
Bucket	1	180 mm x 1540 mm (7.1" x 60.6")



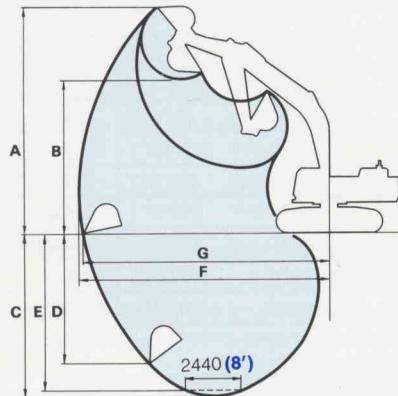
OPERATING WEIGHT

Operating weight, including 8400 mm (**27'7"**) one-piece boom, 3600 mm (**11'10"**) arm, 2.80 m³ (**3.66 cu.yd**) SAE heaped backhoe bucket, operator, lubricants, coolant, full fuel tank and standard equipment.

Shoes	Std.		LC	
	Operating Weight	Ground Pressure	Operating Weight	Ground Pressure
610 mm (24")	67350 kg (148,480 lb)	1.09 kg/cm ² (15.50 PSI)	NA	NA
810 mm (32")	68670 kg (151,391 lb)	0.84 kg/cm ² (11.94 PSI)	70190 kg (154,743 lb)	0.78 kg/cm ² (11.09 PSI)
910 mm (36")	69310 kg (152,802 lb)	0.75 kg/cm ² (10.67 PSI)	NA	NA
1010 mm (40")	69950 kg (154,213 lb)	0.69 kg/cm ² (9.81 PSI)	71615 kg (157,884 lb)	0.64 kg/cm ² (9.10 PSI)
1110 mm (44")	NA	NA	73770 kg (162,635 lb)	0.60 kg/cm ² (8.53 PSI)



WORKING RANGE & ATTACHMENTS



	Boom	7.1 m (23'4")		8.4 m (27'7")	
		Arm	2.9 m (9'5")	2.9 m (9'5")	3.6 m (11'10")
A	Max. digging height	11075 mm (36'4")	12325 mm (40'5")	12490 mm (41'0")	12790 mm (42'0")
B	Max. dumping height	7270 mm (23'10")	8480 mm (27'10")	8305 mm (27'3")	8720 mm (28'7")
C	Max. digging depth	7300 mm (23'11")	8480 mm (26'6")	8885 mm (29'2")	10330 mm (33'11")
D	Max. vertical wall digging depth	4215 mm (13'10")	4990 mm (16'4")	7370 mm (24'2")	8550 mm (28'1")
E	Max. digging depth of cut for 8' level	7235 mm (23'9")	7965 mm (26'2")	8750 mm (28'9")	10240 mm (33'7")
F	Max. digging reach at	12130 mm (39'10")	13465 mm (44'2")	14015 mm (46'0")	15300 mm (50'2")
G	Max. digging reach at ground level	11835 mm (38'10")	13200 mm (43'4")	13785 mm (45'3")	15065 mm (49'5")
	Bucket digging force: kg (lb)	29000 (63,930)	29000 (63,930)	25800 (56,880)	25800 (56,880)
	Arm crowd force: kg (lb)	27700 (61,070)	27700 (61,070)	23300 (51,370)	18600 (41,010)

PC650/LC Bucket Selection

TYPE	Capacity m ³ (yd³) SAE, PCSA heaped	Width mm (in)		Weight kg (lb)	No. of Teeth	7.1 m (23'4")		8.4 m (27'7")	
		Outside Lip	With side cutters (Komatsu) With wear shrouds (ESCO)			2.9 m (9'5")	2.9 m (9'5")	3.6 m (11'10")	5.1 m (16'9")
KOMATSU BACKHOE	2.4 (3.14)	1325 (52.2)	1470 (57.9)	2210 (4,870)	4	○	○	○	○*
	2.8 (3.66)	1525 (60.0)	1670 (65.7)	2350 (5,250)	4	○	○	○	□
	3.2 (4.19)	1685 (66.3)	1830 (72.0)	2540 (5,600)	5	○	○	○	X
	3.7 (4.84)	1930 (76.0)	2075 (81.7)	2880 (6,350)	6	○	□	X	X
ESCO STDP	2.48 (3.25)	1143 (45)	1194 (47)	1944 (4,286)	5	—	□	□	□
	3.06 (4.0)	1295 (51)	1346 (53)	2042 (4,501)	5	□	□	△	X
ESCO HDP	2.29 (3.0)	1067 (42)	1118 (44)	2303 (5,078)	4	—	—	○	□
	2.68 (3.5)	1219 (48)	1270 (50)	2506 (5,524)	5	—	○	□	X

O: Materials weight up to 1.8 t/m³ (**3040 lbs/yd³**)

□: Materials weight up to 1.5 t/m³ (**2520 lbs/yd³**)

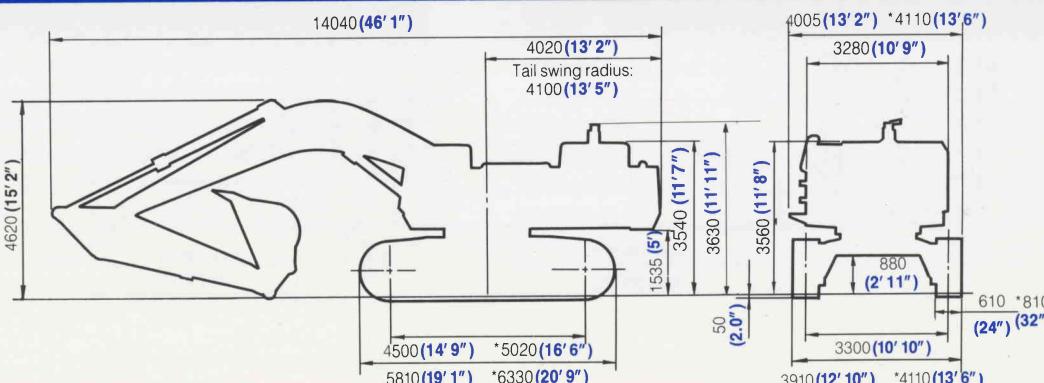
△: Materials weight up to 1.2 t/m³ (**2020 lbs/yd³**)

X: Not useable

*: For light-duty work



DIMENSIONS with 8.4 m (**27'7"**) Boom and 3.6 m (**11'10"**) Arm



SPECIFICATIONS (PC650SE-5 Super Earthmover)



HYDRAULIC SYSTEM

Hydraulic cylinders:

Cylinders	No.	Bore x stroke
Boom	2	200 mm x 1892 mm (7.9" x 74.5")
Arm	1	200 mm x 2250 mm (7.9" x 88.6")
Bucket	1	200 mm x 1485 mm (7.9" x 58.5")



OPERATING WEIGHT

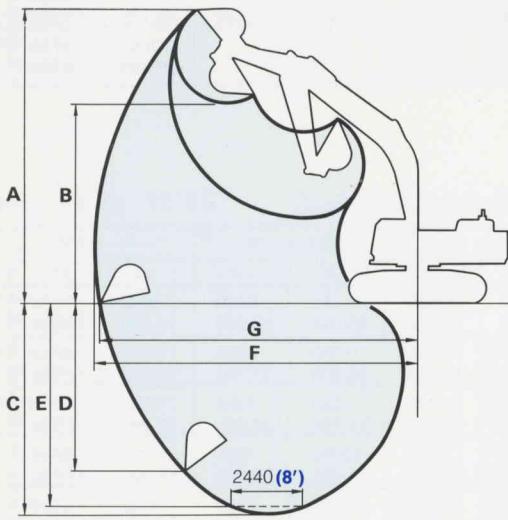
Operating weight, including 7100 mm (23'4") one-piece boom, 2870 mm (9'5") arm, 4.00 m³ (5.23 cu. yd.) SAE heaped backhoe bucket, operator, lubricants, coolant, full fuel tank and standard equipment.

Shoes	Operating weight	Ground pressure
610 mm (24")	68050 kg (150,020 lb)	1.11 kg/cm ² (15.78 PSI)
810 mm (32")	69370 kg (152,930 lb)	0.85 kg/cm ² (12.09 PSI)
910 mm (36")	70010 kg (154,340 lb)	0.76 kg/cm ² (10.81 PSI)
1010 mm (40")	70650 kg (155,750 lb)	0.69 kg/cm ² (9.81 PSI)



WORKING RANGE & ATTACHMENTS

Working range

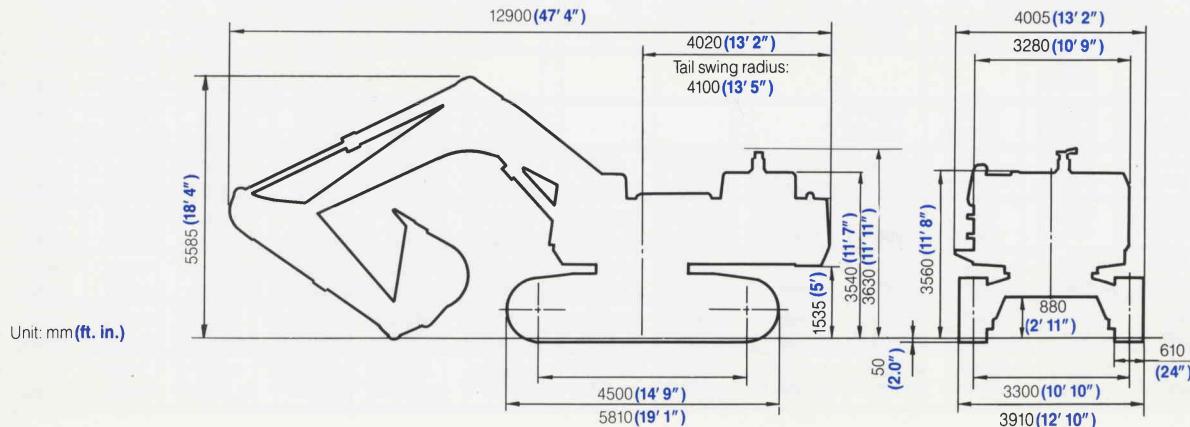


PC650-SE Bucket selection

TYPE	Capacity m ³ (yd ³) SAE, PCSA heaped	Width mm (in)		Weight kg (lb)	No. of Teeth
		Outside Lip	With side cutters (Komatsu) With wear shrouds (ESCO)		
KOMATSU SUPER EARTH-MOVER	3.6 (4.71)	2000 (78.7)	2104 (82.8)	3220 (7,100)	6
	4.0 (5.23)	1800 (70.9)	1904 (75.0)	3290 (7,250)	5
	4.3 (5.62)	1930 (76.0)	2034 (80.1)	3610 (7,960)	6
ESCO STDP	4.20 (5.5)	1905 (75)	1956 (77)	2581 (5,690)	7
ESCO HDP	3.82 (5.0)	1753 (69)	1803 (71)	3031 (6,683)	6



DIMENSIONS with 7.1 m (23'4") Boom and 2.87 m (9'5") Arm



LIFTING CAPACITY

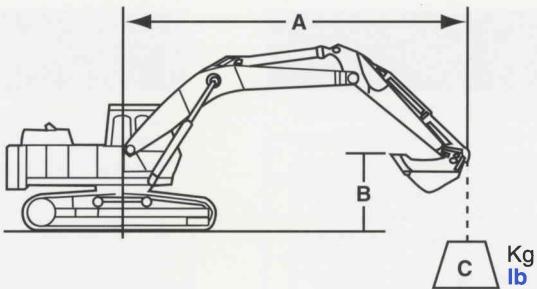
PC650-5

Heavy Lift: On

Boom: 8.4m **27'7"**

Shoes: 610mm **24"**

Counterweight: 8650kg **19,070 lb**
(standard)



A: Reach from swing centerline

B: Bucket hook height

C: Lifting capacity

Cf: Rating over front

Cs: Rating over side or 360°

•: Rating at maximum reach

Arm: 2.9 m **9'5"** Bucket: 3.2 m³ **4.19 yd³**

B	A		3.0 m 10'		4.5 m 15'		6.0 m 20'		7.5 m 25'		9.0 m 30'		10.5 m 35'		MAX.					
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs				
6.0 m 20'	kg lb								*19050 42,000	15300 33,700	15400 33,900	11000 24,200	11500 25,400	8050 17,700	9700 21,400	6650 14,700				
4.5 m 15'	kg lb								19950 44,000	14050 30,900	14650 32,300	10300 22,700	11100 24,500	7700 16,900	8950 19,700	6000 13,300				
3.0 m 10'	kg lb								18600 41,000	12800 28,200	13900 30,700	9600 21,100	10700 23,600	7250 16,000	8500 18,700	5650 12,500				
1.5 m 5'	kg lb								17700 39,000	11950 26,300	13250 29,300	9000 19,800	10300 22,700	6900 15,200	8400 18,500	5500 12,200				
0.0 m 0'	kg lb								24500 54,000	16000 35,200	17050 37,600	11400 25,100	12850 28,300	8600 18,900	10000 22,100	6650 14,700	5600 12,400			
-1.5 m -5'	kg lb								24400 53,700	15850 35,000	16800 37,100	11150 24,500	12600 27,800	8350 18,500	9900 21,800	6550 14,400	9100 20,100	6000 13,200		
-3.0 m -10'	kg lb								*26500 58,500	*26500 58,500	24600 54,200	16050 35,400	16850 37,100	11150 24,600	12600 27,800	8400 18,500			10150 22,400	6750 14,900

Arm: 3.6 m **11'10"** Bucket: 2.8 m³ **3.66 yd³**

B	A		3.0 m 10'		4.5 m 15'		6.0 m 20'		7.5 m 25'		9.0 m 30'		10.5 m 35'		MAX.							
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs						
6.0 m 20'	kg lb										*15800 34,900	11450 25,300	11850 26,200	8400 18,500	*6500 14,300	6350 14,000						
4.5 m 15'	kg lb								*25400 56,000	21050 46,400	*20250 44,700	14850 32,800	15200 33,500	10800 23,800	11500 25,300	8050 17,700	*6750 14,900	5750 12,700				
3.0 m 10'	kg lb								28200 62,200	19300 42,600	19500 43,000	13650 30,100	14450 31,900	10150 22,300	11050 24,400	7650 16,800	*7250 15,900	5400 12,000				
1.5 m 5'	kg lb								26500 58,500	17800 39,300	18550 40,900	12750 28,100	13800 30,500	9500 21,000	10650 23,500	7250 16,000	*7900 17,400	5300 11,700				
0.0 m 0'	kg lb								*12050 26,600	*12050 26,600	25600 56,400	17000 37,500	17800 39,300	12050 26,600	13300 29,300	9050 19,900	10300 22,800	6950 15,300	8150 18,000	5350 11,800		
-1.5 m -5'	kg lb								*18250 40,200	*18250 40,200	25250 55,600	16650 36,700	17400 38,400	11700 25,800	13000 28,700	8750 19,300	10100 22,300	6750 14,900	8600 19,000	5700 12,500		
-3.0 m -10'	kg lb								*17800 39,300	*17800 39,300	*25750 56,800	*25750 56,800	25250 55,700	16650 36,800	17300 38,100	11600 25,600	12900 28,400	8650 19,100	10100 22,200	6700 14,800	9500 20,900	6300 13,900

Arm: 5.1 m **16'9"** Bucket: 2.4 m³ **3.14 yd³**

B	A		3.0 m 10'		4.5 m 15'		6.0 m 20'		7.5 m 25'		9.0 m 30'		10.5 m 35'		MAX.							
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs						
6.0 m 20'	kg lb														*10650 23,500	9250 20,400	*4750 10,400	*4750 10,400				
4.5 m 15'	kg lb														*14800 32,600	11750 25,900	8750 27,000	*4900 19,300	*4900 10,800			
3.0 m 10'	kg lb								*25700 56,700	21350 47,100	*20200 44,500	14900 32,800	15300 24,100	10950 25,800	11700 18,200	8250 11,500	*5200 11,500	4650 10,300				
1.5 m 5'	kg lb								28200 62,200	19350 42,600	19550 43,100	13700 30,200	14500 32,000	10200 24,400	11200 17,100	7750 12,400	*5600 12,400	4550 10,000				
0.0 m 0'	kg lb								*15650 34,500	*15650 34,500	26650 58,700	17900 39,500	18500 40,800	12750 28,100	13800 30,500	9550 21,000	10700 23,600	7350 16,200	*6200 13,700	4550 10,000		
-1.5 m -5'	kg lb								*10550 23,200	*10550 23,200	*18200 40,100	*18200 40,100	25700 56,700	17100 37,700	17800 39,300	12100 26,600	13300 29,400	9050 20,000	10350 22,900	7000 15,400	*7050 15,500	4700 10,400
-3.0 m -10'	kg lb								*14900 32,800	*14900 32,800	*22500 49,600	*22500 49,600	25250 55,700	16700 36,800	17400 38,400	11700 25,800	13000 28,700	8750 19,300	10150 22,400	6800 15,000	7750 17,100	5100 11,200

LIFTING CAPACITY

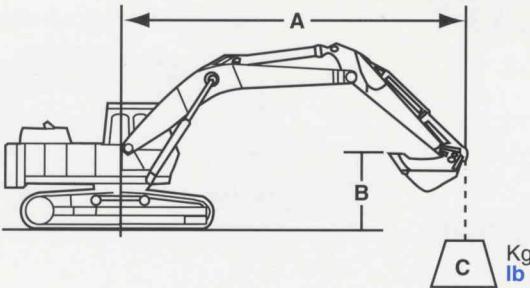
PC650-5

Heavy Lift: On

Boom: 8.4m **27'7"**

Shoes: 610mm **24"**

Counterweight: 10600kg **23,369 lb**
(optional)



Arm: 2.9 m **9'5"** Bucket: 3.2 m³ **4.19 yd³**

B	A	3.0 m 10'		4.5 m 15'		6.0 m 20'		7.5 m 25'		9.0 m 30'		10.5 m 35'		MAX.					
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs				
6.0 m 20'	kg lb							*19050 42,000	16650 36,800	*16400 36,100	12100 26,700	12550 27,600	8950 19,800	10650 23,500	7500 16,500				
4.5 m 15'	kg lb							*20800 45,900	15400 34,000	15900 35,100	11400 25,100	12150 26,800	8600 18,900	9850 21,700	6800 15,000				
3.0 m 10'	kg lb							20250 44,600	14150 31,300	15150 33,500	10700 23,600	11700 25,800	8200 18,100	9400 20,700	6450 14,200				
1.5 m 5'	kg lb							19300 42,600	13350 29,400	14550 32,100	10100 22,300	11350 25,000	7800 17,200	9250 20,500	6300 13,900				
0.0 m 0'	kg lb							*26350 58,100	17850 39,400	18700 41,200	12750 28,200	14100 31,100	9700 21,300	11050 24,400	7500 16,700	9500 20,900	6450 14,200		
-1.5 m -5'	kg lb							26650 58,800	17750 39,200	18450 40,700	12500 27,600	13850 30,600	9450 20,900	10950 24,100	7450 16,400	10050 22,200	6850 15,100		
-3.0 m -10'	kg lb							*26500 58,500	*26500 58,500	*25250 55,700	17950 39,600	18450 40,700	12550 27,700	13900 30,600	9500 20,900			11200 24,700	7620 16,900

Arm: 3.6 m **11'10"** Bucket: 2.8 m³ **3.66 yd³**

B	A	3.0 m 10'		4.5 m 15'		6.0 m 20'		7.5 m 25'		9.0 m 30'		10.5 m 35'		MAX.							
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs						
6.0 m 20'	kg lb											*15800 34,900	12550 27,700	12900 28,500	9300 20,600	*6500 14,300	*6500 14,300				
4.5 m 15'	kg lb							*25400 56,000	22950 50,600	*20250 44,700	16250 35,800	16450 36,300	11900 26,300	12500 27,600	8950 19,700	*6750 14,900	*6500 14,400				
3.0 m 10'	kg lb							*28800 63,500	21200 46,800	21150 46,600	15000 33,100	15750 34,700	11250 24,800	12100 26,700	8550 18,800	*7250 15,900	*6200 13,600				
1.5 m 5'	kg lb							28800 63,500	19700 43,400	20150 44,500	14150 31,200	15100 33,200	10600 23,400	11700 25,800	8150 18,000	*7900 17,400	6050 13,300				
0.0 m 0'	kg lb							*12050 26,600	*12050 26,600	27900 61,500	18900 41,600	19450 42,900	13450 29,700	14600 32,100	10150 22,400	11350 25,000	7850 17,300	*8850 19,500	6150 13,500		
-1.5 m -5'	kg lb							*18250 40,200	*18250 40,200	27500 60,700	18550 40,900	19050 42,000	13100 28,900	14250 31,500	9850 21,700	11150 24,600	7650 16,900	9500 21,000	6500 14,300		
-3.0 m -10'	kg lb							*17800 39,300	*17800 39,300	*25750 56,800	*25750 56,800	*27450 60,600	18550 40,900	18950 41,700	13000 28,600	14150 31,200	9750 21,500	11100 24,500	7650 16,800	10500 23,100	7200 15,800

Arm: 5.1 m **16'9"** Bucket: 2.4 m³ **3.14 yd³**

B	A	3.0 m 10'		4.5 m 15'		6.0 m 20'		7.5 m 25'		9.0 m 30'		10.5 m 35'		MAX.							
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs						
6.0 m 20'	kg lb													*10650 23,500	10150 22,400	*4750 10,400	*4750 10,400				
4.5 m 15'	kg lb													*14800 32,600	12850 28,300	*12700 28,000	9700 21,300	*4900 10,800	*4900 10,800		
3.0 m 10'	kg lb							*25700 56,700	23250 51,300	*20200 44,500	16300 35,900	16600 36,600	12050 26,500	12750 28,100	9150 20,200	*5200 11,500	*5200 11,500				
1.5 m 5'	kg lb							*28700 63,300	21250 46,800	21200 46,700	15100 33,200	15800 34,800	11300 24,900	12200 26,900	8650 19,100	*5600 12,400	5200 11,500				
0.0 m 0'	kg lb							*15650 34,500	*15650 34,500	28900 63,700	19800 43,700	20150 44,400	14150 31,100	15100 33,300	10650 23,400	11750 25,900	8250 18,200	*6200 13,700	5250 11,500		
-1.5 m -5'	kg lb							*10550 23,200	*10550 23,200	*18200 40,100	*18200 40,100	28000 61,700	19000 41,800	19450 42,900	13450 29,700	14600 32,200	10150 22,400	11400 25,200	7900 17,400	*7050 15,500	5400 12,000
-3.0 m -10'	kg lb							*14900 32,800	*14900 32,800	*22500 49,600	*22500 49,600	27550 60,700	18600 41,000	19050 42,000	13100 28,900	14250 31,500	9850 21,700	11200 24,700	7700 17,000	*8250 18,200	5850 12,900

LIFTING CAPACITY

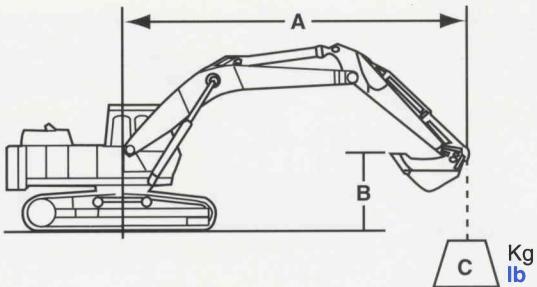
PC650LC-5

Heavy Lift: On

Boom: 8.4m **27'7"**

Shoes: 810mm **32"**

Counterweight: 8650kg **19,070 lb**
(standard)



A: Reach from swing centerline

B: Bucket hook height

C: Lifting capacity

Cf: Rating over front

Cs: Rating over side or 360°

•: Rating at maximum reach

Arm: 2.9 m **9'5"** Bucket: 3.2 m³ **4.19 yd³**

B	A	3.0 m 10'		4.5 m 15'		6.0 m 20'		7.5 m 25'		9.0 m 30'		10.5 m 35'		MAX.					
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs				
6.0 m 20'	kg lb							*19050 42,000	15950 35,200	*16400 36,100	11500 25,400	14200 31,400	8500 18,700	*10850 24,000	7050 15,600				
4.5 m 15'	kg lb							*20800 45,900	14700 32,400	*17400 38,300	10800 23,900	13800 30,500	8100 17,900	*11100 24,500	6400 14,100				
3.0 m 10'	kg lb							*22250 49,100	13450 29,700	17350 38,300	10100 22,300	13400 29,500	7700 17,000	10750 23,700	6050 13,300				
1.5 m 5'	kg lb							22350 49,300	12600 27,800	16700 36,800	9550 21,000	13000 28,600	7350 16,200	10650 23,400	5900 13,000				
0.0 m 0'	kg lb							*26350 58,100	16900 37,300	21750 47,900	12050 26,600	16250 35,800	9100 20,100	12700 28,000	7100 15,600	10900 24,000	6000 13,300		
-1.5 m -5'	kg lb							*27800 61,300	16800 37,000	21450 47,300	11800 26,000	16000 35,300	8900 19,600	12600 27,700	7000 15,400	11550 25,500	6400 14,100		
-3.0 m -10'	kg lb							*26500 58,500	*26500 58,500	*25250 55,700	16950 37,400	*20700 45,600	11850 26,100	16000 35,300	8900 19,700			12900 28,400	7200 15,900

Arm: 3.6 m **11'10"** Bucket: 2.8 m³ **3.66 yd³**

B	A	3.0 m 10'		4.5 m 15'		6.0 m 20'		7.5 m 25'		9.0 m 30'		10.5 m 35'		MAX.					
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs				
6.0 m 20'	kg lb									*15800 34,900	12000 26,500	*13500 29,800	8850 19,500	*6500 14,300	*6500 14,300				
4.5 m 15'	kg lb							*25400 56,000	21950 48,400	*20250 44,700	15550 34,300	*17000 37,500	11350 25,000	14200 31,300	8500 18,700	*6750 14,900	6150 13,500		
3.0 m 10'	kg lb							*28800 63,500	20250 44,600	*22050 48,600	14300 31,500	17950 39,500	10650 23,500	13750 30,300	8050 17,800	*7250 15,900	5800 12,800		
1.5 m 5'	kg lb							*30450 67,100	18750 41,300	23250 51,300	13400 29,600	17250 38,000	10050 22,200	13350 29,400	7700 17,000	*7900 17,400	5650 12,500		
0.0 m 0'	kg lb							*12050 26,600	*12050 26,600	*30600 67,400	17900 39,500	22500 49,600	12750 28,100	16750 36,900	9600 21,100	13000 28,700	7400 16,300	*8850 19,500	5750 12,700
-1.5 m -5'	kg lb							*18250 40,200	*18250 40,200	*29550 65,200	17600 38,800	22100 48,700	12400 27,300	16400 36,200	9300 20,500	12800 28,200	7200 15,900	*10300 22,700	6050 13,400
-3.0 m -10'	kg lb	*17800 39,300	*17800 39,300	*25750 56,800	*25750 56,800	27450 60,600	17600 38,800	21950 48,400	12250 27,100	16300 35,900	9200 20,300	12750 28,100	7150 15,800	12000 26,500	6750 14,900				

Arm: 5.1 m **16'9"** Bucket: 2.4 m³ **3.14 yd³**

B	A	3.0 m 10'		4.5 m 15'		6.0 m 20'		7.5 m 25'		9.0 m 30'		10.5 m 35'		MAX.					
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs				
6.0 m 20'	kg lb													*10650 23,500	9650 21,300	*4750 10,400			
4.5 m 15'	kg lb													*12700 28,000	9200 20,300	*4900 10,800			
3.0 m 10'	kg lb							*25700 56,700	22300 49,100	*20200 44,500	15550 34,300	*16850 37,100	11450 25,300	14400 31,800	8700 19,200	*5200 11,500	5000 11,000		
1.5 m 5'	kg lb							*28700 63,300	20250 44,700	*22100 48,700	14350 31,700	17950 39,600	10700 23,600	13900 30,600	8200 18,100	*5600 12,400	4850 10,700		
0.0 m 0'	kg lb							*15650 34,500	*15650 34,500	*30400 67,000	18850 41,500	23250 51,200	13400 29,600	17250 38,100	10050 22,200	13400 29,600	7750 17,100	*6200 13,700	4850 10,800
-1.5 m -5'	kg lb	*10550 23,200	*10550 23,200	*18200 40,100	*18200 40,100	*30700 67,700	18000 39,700	22500 49,600	12750 28,100	16750 36,900	9600 21,100	13050 28,800	7450 16,400	*7050 15,500	5050 11,100				
-3.0 m -10'	kg lb	*14900 32,800	*14900 32,800	*22500 49,600	*22500 49,600	*29850 65,800	17600 38,800	22050 48,600	12400 27,300	16400 36,200	9300 20,500	12800 28,300	7250 15,900	*8250 18,200	5450 12,000				

LIFTING CAPACITY

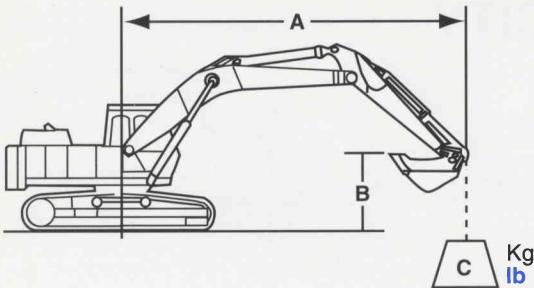
PC650LC-5

Heavy Lift: On

Boom: 8.4m **27'7"**

Shoes: 810mm **32"**

Counterweight: 10600kg **23,369 lb**
(optional)



A: Reach from swing centerline

B: Bucket hook height

C: Lifting capacity

Cf: Rating over front

Cs: Rating over side or 360°

⦿: Rating at maximum reach

Arm: 2.9 m **9'5"** Bucket: 3.2 m³ **4.19 yd³**

A		3.0 m 10'		4.5 m 15'		6.0 m 20'		7.5 m 25'		9.0 m 30'		10.5 m 35'		⦿ MAX.	
B		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
6.0 m 20'	kg lb							*19100 42,100	17350 38,300	*16450 36,200	12650 27,900	*14700 32,400	9400 20,800	*11050 24,400	8300 18,300
4.5 m 15'	kg lb					*26250 57,900	22100 48,800	*20900 46,000	16150 35,600	*17450 38,400	11950 26,400	14950 33,000	9050 20,000	*11500 25,400	7550 16,700
3.0 m 10'	kg lb							*22400 49,400	14950 33,000	*18350 40,400	11250 24,800	14550 32,000	8650 19,100	12150 16,200	7150 16,700
1.5 m 5'	kg lb					*28500 62,800	19400 42,800	*23300 51,400	14050 31,000	18100 39,900	10700 23,500	14150 31,200	8300 18,300	12000 36,500	7000 15,400
0.0 m 0'	kg lb					*29550 65,100	18850 41,600	*23350 51,500	13500 29,800	17650 38,900	10250 22,600	13850 30,500	8050 17,700	12300 27,100	7100 15,700
-1.5 m -5'	kg lb			*19500 43,000	*19500 43,000	*27950 61,600	18750 41,400	*22550 49,700	13250 29,300	17450 38,400	10050 22,200	13750 30,300	7950 17,500	13050 28,800	7550 16,600
-3.0 m -10'	kg lb	*21000 46,300	*21000 46,300	*30250 66,600	*30250 66,600	*25400 66,000	18950 41,800	*20800 45,800	13300 29,300	*16850 37,200	10050 22,200			*13950 30,700	8450 18,600

Arm: 3.6 m **11'10"** Bucket: 2.8 m³ **3.66 yd³**

A		3.0 m 10'		4.5 m 15'		6.0 m 20'		7.5 m 25'		9.0 m 30'		10.5 m 35'		⦿ MAX.	
B		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
6.0 m 20'	kg lb									*15800 34,900	13100 28,900	*13500 29,800	9750 21,500	*6500 14,300	*6500 14,300
4.5 m 15'	kg lb					*25400 56,000	23850 52,600	*20250 44,700	16950 37,300	*17000 37,500	12450 27,500	*14800 32,700	9400 20,700	*6750 14,900	*6750 14,900
3.0 m 10'	kg lb					*28800 63,500	22100 48,800	*22050 48,600	15700 34,600	*18100 39,900	11750 25,900	14850 32,800	9000 19,800	*7250 15,900	6500 14,400
1.5 m 5'	kg lb					*30450 67,100	20600 45,500	*23350 51,500	14800 32,700	18650 41,100	11150 24,600	14450 31,900	8600 19,000	*7900 17,400	6400 14,200
0.0 m 0'	kg lb			*12050 26,600	*12050 26,600	*30600 67,400	19800 43,600	*23850 52,500	14150 31,200	18100 39,900	10700 23,500	14100 31,100	8300 18,300	*8850 19,500	6500 14,400
-1.5 m -5'	kg lb			*18250 40,200	*18250 40,200	*29550 65,200	19450 42,900	*23450 51,700	13750 30,400	17800 39,200	10400 22,900	13900 30,700	8100 17,900	*10300 22,700	6900 15,200
-3.0 m -10'	kg lb	*17800 39,300	*17800 39,300	*25750 56,800	*25750 56,800	*27450 60,600	19450 42,900	*22100 48,700	13650 30,100	17650 39,000	10300 22,700	13900 30,600	8050 17,800	*12450 27,500	7600 16,800

Arm: 5.1 m **16'9"** Bucket: 2.4 m³ **3.14 yd³**

A		3.0 m 10'		4.5 m 15'		6.0 m 20'		7.5 m 25'		9.0 m 30'		10.5 m 35'		⦿ MAX.	
B		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
6.0 m 20'	kg lb													*10650 23,500	10600 23,000
4.5 m 15'	kg lb													*4750 10,400	*4750 10,400
3.0 m 10'	kg lb					*25700 56,700	24150 53,300	*20200 44,500	16950 37,400	*16850 37,100	12550 27,700	*14600 32,200	9600 21,200	*5200 11,500	*5200 11,500
1.5 m 5'	kg lb					*28700 63,300	22150 48,800	*22100 48,700	15750 34,700	*18100 39,900	11800 26,000	15000 33,100	9100 20,100	*5600 12,400	5550 12,200
0.0 m 0'	kg lb			*15650 34,500	*15650 34,500	*30400 67,000	20750 45,700	*23400 51,500	14800 32,600	18650 41,100	11150 24,600	14550 32,000	8700 19,100	*6200 13,700	5550 12,300
-1.5 m -5'	kg lb	*10550 23,200	*10550 23,200	*18200 40,100	*18200 40,100	*30700 67,700	19900 43,900	*23850 52,600	14150 31,200	18100 39,900	10700 23,600	14150 31,200	8350 18,400	*7050 15,500	5750 12,700
-3.0 m -10'	kg lb	*14900 32,800	*14900 32,800	*22500 49,600	*22500 49,600	*29850 65,800	19500 43,000	*23500 51,800	13800 30,400	17800 39,200	10400 22,900	13950 30,700	8150 18,200	*8250 18,200	6200 13,700

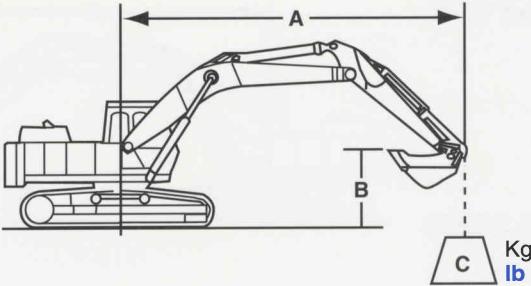
LIFTING CAPACITY

Heavy Lift: On

Boom: 7.1m **23'4"**

Arm: 2.9mm **9'5"**

Counterweight: 8650kg **19,070 lb**
(standard)



A: Reach from swing centerline

B: Bucket hook height

C: Lifting capacity

Cf: Rating over front

Cs: Rating over side or 360°

•: Rating at maximum reach

PC650-5

Shoes: 610 m **24"** Bucket: 3.7 m³ **4.84 yd³**

B	A	3.0 m 10'		4.5 m 15'		6.0 m 20'		7.5 m 25'		9.0 m 30'		10.5 m 35'		MAX.		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
6.0 m 20'	kg lb							*18250 40,200	16200	15800	11350			*7250 16,000	*7250 16,000	
4.5 m 15'	kg lb					*24450 53,900	22400	*20050 44,200	15250	15300	10900			*7400 16,300	*7400 16,300	
3.0 m 10'	kg lb					*27700 61,100	20250	20150	14200	14700	10300	*9500 20,900	7550 16,700	*7750 17,100	*7450 16,400	
1.5 m 5'	kg lb					27700 61,000	18800	19100	13250	14100	9750	*9100 20,100	7300 16,100	*8400 18,500	7250 16,000	
0.0 m 0'	kg lb					26600 58,600	17850	18400	12600	13650	9350			*9400 20,700	7450 16,400	
-1.5 m -5'	kg lb					*37100 81,800	28350	26100	17400	18000	12200	13400 29,600	9150 20,100		*10950 24,200	8050 17,800
-3.0 m -10'	kg lb	*32500 70,500	*32500 70,500	*36450 80,300	28650	26100	17400	17950	12200					*13650 30,100	*9350 20,600	

PC650LC-5

Shoes: 810 m **32"** Bucket: 3.7 m³ **4.84 yd³**

B	A	3.0 m 10'		4.5 m 15'		6.0 m 20'		7.5 m 25'		9.0 m 30'		10.5 m 35'		MAX.		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
6.0 m 20'	kg lb							*18250 40,200	16900	*16300 37,200	11900			*7250 16,000	*7250 16,000	
4.5 m 15'	kg lb					*24450 53,900	23350	*20050 44,200	15900	*17450 35,100	11450			*7400 16,300	*7400 16,300	
3.0 m 10'	kg lb					*27700 61,100	21150	*21950 46,600	14850	18150	10850	*9500 20,900	8000 17,700	*7750 17,100	*7750 17,100	
1.5 m 5'	kg lb					*30250 66,700	19750	*23450 43,500	13950	17550	10300	*9100 20,100	7750 17,100	*8400 18,500	7050 17,000	
0.0 m 0'	kg lb					*31100 68,600	18750	23100	13250	17100	9900			*9400 20,700	7900 17,400	
-1.5 m -5'	kg lb					*37100 81,800	29800	*30400 65,700	18300	22700	12900	16850 37,200	9650 21,300		*10950 24,200	8550 18,800
-3.0 m -10'	kg lb	*32000 70,500	*32000 70,500	*36450 80,300	30100	*28100 66,300	18300	*21950 61,900	12850					*13650 30,100	9900 21,800	

PC650SE-5

Shoes: 610 m **24"** Bucket: 4.0 m³ **5.23 yd³**

B	A	3.0 m 10'		4.5 m 15'		6.0 m 20'		7.5 m 25'		9.0 m 30'		10.5 m 35'		MAX.		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
6.0 m 20'	kg lb							*17800 39,300	15750	15300	10850			*6800 15,000	*6800 15,000	
4.5 m 15'	kg lb					*24150 53,200	22000	*19650 48,500	14800	14800	10400			*6950 15,400	*6950 15,400	
3.0 m 10'	kg lb					*27100 59,700	19450	19700	13800	14250	9850	*8200 31,400	7050 21,700	*7350 15,600	7000 15,400	
1.5 m 5'	kg lb					27350 60,300	18450	18750 41,300	12850	13650	9380			*8050 30,100	6850 17,800	
0.0 m 0'	kg lb					26250 57,900	17500	18000	12150	13250	8900			*9100 29,200	7050 15,500	
-1.5 m -5'	kg lb					*36400 80,300	28150	25800 56,900	17100	17550 37,700	11800	13000 28,700	8700 19,200		*10800 23,800	7700 17,000
-3.0 m -10'	kg lb	*31600 69,600	*31600 69,600	*35850 79,000	28450	25850 62,800	17100 56,900	17600 37,700	11850 38,800	12850 26,100				13450 29,600	9050 19,900	

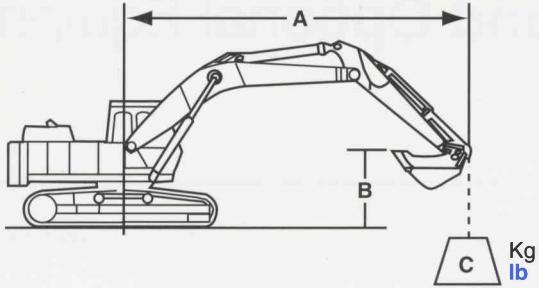
LIFTING CAPACITY

Heavy Lift: On

Boom: 7.1m **23'4"**

Arm: 2.9mm **9'5"**

Counterweight: 10600kg **23,369 lb**
(optional)



A: Reach from swing centerline

B: Bucket hook height

C: Lifting capacity

Cf: Rating over front

Cs: Rating over side or 360°

⦿: Rating at maximum reach

PC650-5

Shoes: 610 m **24"**

Bucket: 3.7 m³ **4.84 yd³**

A B	3.0 m 10'		4.5 m 15'		6.0 m 20'		7.5 m 25'		9.0 m 30'		10.5 m 35'		⦿ MAX.			
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs		
6.0 m 20' kg lb							*18250 40,200	17600 38,800	*16300 36,000	12500 27,500			*7250 16,000	*7250 16,000		
4.5 m 15' kg lb					*24450 53,900	24300 53,600	*20050 44,200	16550 36,700	16550 36,500	12000 26,400			*7400 16,300	*7400 16,300		
3.0 m 10' kg lb					*27700 61,100	22150 48,800	21750 48,000	15600 34,400	15950 35,200	11400 25,200	*9500 20,900	8500 18,700	*7750 17,100	*7750 17,100		
1.5 m 5' kg lb					29950 66,100	20700 45,700	20750 45,700	14650 32,300	15350 33,900	10850 24,000	*9100 20,100	8200 18,100	*8400 18,500	8150 18,000		
0.0 m 0' kg lb					28850 63,600	19750 43,500	20000 44,100	13950 30,800	14900 32,900	10450 23,000			*9400 20,700	8400 18,500		
-1.5 m -5' kg lb					*37100 81,800	31300 69,000	28400 62,600	19300 42,500	19600 43,300	13600 30,000	14700 32,400	10250 22,600			*10950 24,200	9050 20,000
-3.0 m -10' kg lb	*32000 70,500	*32000 70,500	*36450 80,300	31600 69,700	*28100 61,900	19300 42,500	19600 43,200	13500 29,900						*13650 30,100	10450 23,100	

PC650LC-5

Shoes: 810 m **32"**

Bucket: 3.7 m³ **4.84 yd³**

A B	3.0 m 10'		4.5 m 15'		6.0 m 20'		7.5 m 25'		9.0 m 30'		10.5 m 35'		⦿ MAX.		
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
6.0 m 20' kg lb							*18250 40,200	*18250 40,200	*14850 32,800	13000 28,700			*7300 16,100	*7300 16,100	
4.5 m 15' kg lb					*24450 53,900	*24450 53,900	*20050 44,300	17350 38,200	*17500 38,500	12550 27,600			*7600 16,800	*7600 16,800	
3.0 m 10' kg lb					*27900 61,500	23250 51,200	*22000 48,500	16250 35,900	*18500 40,800	11950 26,400			*8150 18,000	*8150 18,000	
1.5 m 5' kg lb					*30250 66,700	21650 47,700	*23450 61,700	15350 33,800	18950 41,800	11400 25,200			*9050 20,000	8950 19,800	
0.0 m 0' kg lb					*31700 69,900	*31700 69,900	*31100 68,600	20650 45,500	*24150 53,300	14650 32,300	18500 40,800	11000 24,200		*10450 23,000	9150 20,600
-1.5 m -5' kg lb	*24050 53,000	*24050 53,000	*40300 88,800	32750 72,200	*30450 67,100	20200 44,600	*23800 52,500	14300 31,500	18250 40,200	10750 23,800			*12650 27,900	9900 21,800	
-3.0 m -10' kg lb	*35000 77,100	*35000 77,100	36450 80,300	33050 72,900	28100 62,000	*20250 44,600	21950 48,400	14250 31,400					*16700 36,900	11450 25,200	

PC650SE-5

Shoes: 610m **24"**

Bucket: 4.0 m³ **5.23 yd³**

A B	3.0 m 10'		4.5 m 15'		6.0 m 20'		7.5 m 25'		9.0 m 30'		10.5 m 35'		⦿ MAX.		
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
6.0 m 20' kg lb							*17800 39,300	17100 37,800	*15900 35,000	11950 26,400			*6800 15,000	*6800 15,000	
4.5 m 15' kg lb					*24150 53,200	23900 52,700	*19650 43,400	16200 35,700	16100 35,500	11500 25,400			*6950 15,400	*6950 15,400	
3.0 m 10' kg lb					*27100 59,700	21350 47,100	21350 47,100	15150 33,400	15500 34,200	10950 24,200	*8200 18,100	8000 17,600	*7350 16,300	*7350 16,300	
1.5 m 5' kg lb					29650 65,300	20350 44,900	20350 44,900	14250 31,400	14950 32,900	10450 23,000			*8050 17,800	*7750 17,100	
0.0 m 0' kg lb					28550 63,000	19400 42,800	19600 43,200	13550 29,900	14500 32,000	10050 22,100			*9100 20,100	8000 17,600	
-1.5 m -5' kg lb					*36400 80,300	31050 61,900	28100 41,900	19000 42,300	13150 29,000	14300 31,500	9800 21,700			*10800 23,800	8700 19,200
-3.0 m -10' kg lb	*31600 69,600	*31600 69,600	*35850 79,000	31400 69,200	*27550 60,800	19000 41,900	19250 42,400	13200 29,100					*13650 30,100	10150 22,400	

Attachments and Optional Equipment

Standard Equipment

- Air cleaner, Dry-type
- Alternator, (75A)
- Auto decelerator
- Batteries, 12V/200Ah
- Cab: all weather sound suppression type with air conditioner and defroster, ashtray, cigarette lighter, floor mat, lockable door, pull up type front window with lock device, removable lower window, magazine box, tinted safety glass window, front windshield washer and wiper, lattice guard (RH window) glass protection brackets, catwalk, RH rear view mirror, reclining suspension seat, seat belt.

- Counterweight — 8650 kg (**19,070 lb**)
- Electronic monitoring panel
- Engine water temperature gauge
- Fuel gauge
- Grease gun, air pump type
- Heavy lift system
- Horn, air (front)
- Hydraulic track adjusters
- Light, front working (cab mount)
- Locks, filler cab and cover
- Lubricated rollers and idlers
- Muffler
- Sealed linkages
- Sealed tracks
- Shoes, double-grouser
610 mm (**24"**) — PC650/650SE
810 mm (**32"**) — PC650LC
- Soft dig system
- Track guiding guards
- Travel alarm
- Under cover, track frame
- Variable track gauge
- Automatic leveling digging system (for loading shovel)
- Bucket angle assist system (for loading shovel)

Optional Equipment

- Counterweight, 10600kg (**23,369 lb**)
- Counterweight removal device
- Elevated cab mount (standard for loading shovel)
- FOPS
- FOPS for elevated cab
- Heater, engine coolant
- Heater, engine oil
- Holding valve, boom and arm
- Provision for fast fuel fill

- Side Shroud (SE)
- Arm
 - Backhoe, 2900mm (**9'5"**)
 - Backhoe, 3600mm (**11'9"**)
 - Backhoe, 5100mm (**16'9"**)
- Boom
 - One piece, 7100mm (**23'4"**)
 - One piece, 8400mm (**27'7"**)
- Shoes
 - 810mm (**32"**) double-grouser

- 910mm (**36"**) double-grouser
- 1010mm (**40"**) double-grouser
- 810mm (**32"**) double grouser, holed (PC650LC)
- 1010mm (**40"**) double-grouser, holed (PC650LC)
- 1110mm (**44"**) double-grouser, holed (PC650LC)

(Note: These optional shoes are not for use with Loading Shovel attachment.)