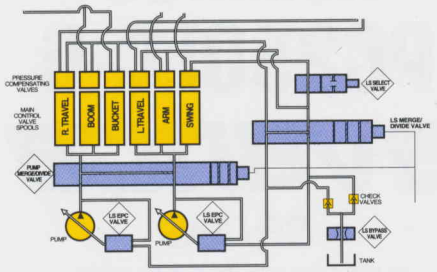
KOMATSU
PC250LC-6
avance
series
HYDRAULIC EXCAVATOR

Flywheel Horsepower:
158HP 118kW @ 2300RPM
Operating Weight:
60,627 lb 27500 kg
Bucket Capacity Range:
1.00–2.00 yd³ 0.76–1.53 m³

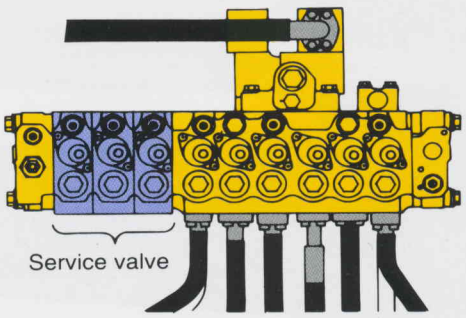
Photos shown may include optional equipment.

KOMATSU

HydrauMind



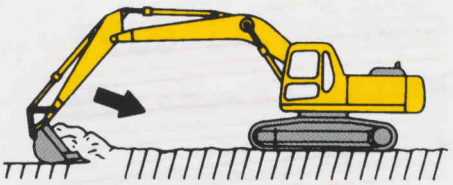
Avance is the next generation of excavator development from Komatsu. This machine provides the most productive and economical excavator on the market today. **HydrauMind** is a closed center hydraulic system designed with four Komatsu exclusive valves, which furnishes the *Avance* operator with greater control and greater responsiveness. Operations are smoother because the *LS Bypass Valve* reduces hydraulic surge pressures. Cycle times and fuel efficiency have been increased with the use of the *Pump Merge Divide Valve.* The *LS Select Valve* is used to match the pump merge divide valve operations to reduce travel shock and maintain greater swing speeds. Finally, the *LS EPC Valve* has been added to make swing speed proportional to engine rpm, thereby increasing the overall efficiency of the hydraulic system. With this hydraulic system an *Avance* operator experiences less fatigue and greater control, because the work equipment responds directly to the controllers.



ADD ON SERVICE VALVES

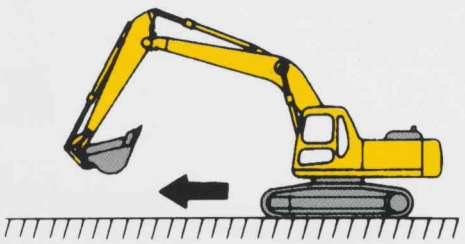
As your needs expand so can your *Avance* excavator. With the HydrauMind system up to three service valves can be quickly and easily added to the main valve body. This allows the *Avance* excavator to adapt to all your future demands.

Operation



WORKING MODE SELECTION

The *Avance* excavator is equipped with five working modes. Each mode is designed to match engine speed, pump speed and system pressure with the application at hand. **H/O Mode** is designed for heavy-duty digging operations. This mode provides the power to dig through tough conditions while maintaining fast cycle times. **G/O Mode** is for general digging operations and combines fast cycle times with excellent fuel economy. **F/O Mode** is for finishing operations where smooth movement is most desired. **L/O Mode** is designed for heavy lifting operations. With this mode pressures are increased and speed is reduced to provide the operator with smooth, powerful lifting. **B/O Mode** is new for the *Avance* excavator and is used for breakers. This mode allows the flow and pressure to be preset to the specifications of the breaker manufacturer.

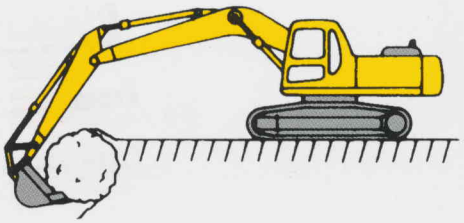


TRAVEL SPEEDS

The *Avance* excavator is equipped with three automatic travel speeds to provide smooth, efficient travel around the job site.

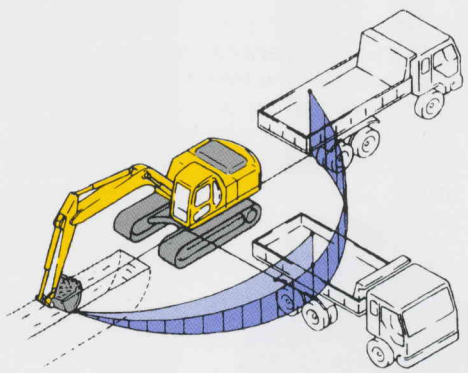
AUTOMATIC DECELERATION

This feature reduces engine speed when the controls are in neutral for over four seconds, enabling the operator to conserve fuel and quiet operations while waiting for trucks. This feature, however, can be turned off should the operator require full engine power at all times.



LEVER SWITCH

This feature is used in conjunction with the joystick switch to select either the "Power Up" or "Speed Down" functions in the H/O or G/O modes. **Power UP mode** will increase implement force by 9% for 8.5 seconds when the joystick button is pressed. This gives the excavator a burst of power to break through tough digging operations while maintaining excellent cycle times and fuel economy. **Speed Down mode** will decrease system oil flow by one level while increasing implement force by 9% for as long as the joystick button is pressed. This allows the operator to perform delicate operations easily while maintaining full power. If this mode is desired for long periods of time, the L/O mode can be selected and the precision with increased power will be available at all times.



SWING ACCEL

The swing accel function is designed to control boom and swing speeds to provide optimum responses for the desired loading angle. If "Swing Accel" is off, oil flow to the boom is increased, making 90° loading operations most efficient. Selecting "Swing Accel" will increase oil flow to the swing motor, making 180° loading operations most efficient. As a result, operators can use the same easy motions for 180° loading as they do for 90° loading.

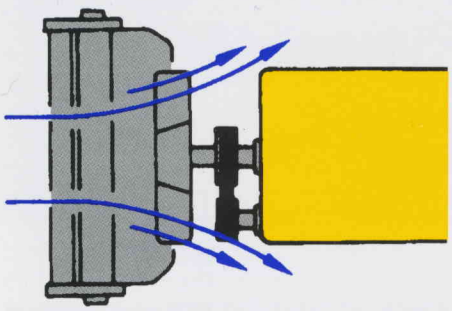
LARGE LIFT CYLINDERS

Large lift cylinders have been incorporated into this excavator to provide the operator with all the lifting power necessary for any application.

Comfortable Cab

CAB

The *Avance* cab design has increased the cab volume to provide a more spacious and comfortable working environment. Visibility has been enhanced with additional window area and by attaching the windshield wiper to the cab, away from the operator's line of view. The remote wiper also enables the windshield to be raised and lowered easily, because no wires need to be connected or disconnected and the weight of the windshield is reduced. Side visibility has been improved by adding glass to the lower half of the door. Upward visibility is increased by installing a larger, forward mounted ceiling hatch which eliminates the upper cross bar. Ventilation has been improved with the larger, fresh air intake air system and by providing additional vents through the cab. Finally, two storage compartments are installed behind the operator's seat for personal items and for hot/cold items.



NOISE

The noise levels at the operator's ears have been decreased to as low as 70dBA, by improving the door and seals for the cab and engine compartment. In addition, a mixed-flow fan has been added to reduce fan speed and channel air around the engine, thereby reducing wind noise which had been created by the fan.

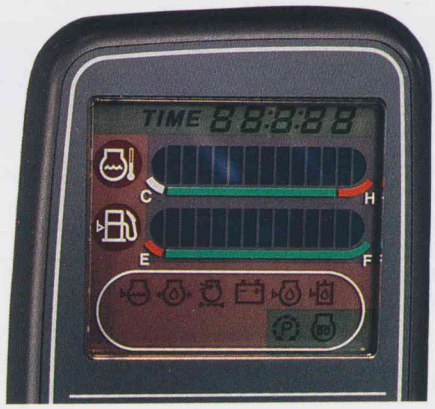
SEAT

The operator will experience less fatigue during long days with the redesigned, tiltable, semi-bucket seat. This seat utilizes a highly elastic, non-deforming urethane foam which will hold its shape, while the cloth cover provides excellent ventilation for unsurpassed comfort. The dual tilt mechanism allows the operator to conform the seat to their specific posture and size for reduced fatigue and greater visibility.

CONTROLS

The multiple position, pressure proportional control levers allow the operator to work in comfort while maintaining complete accuracy. A double slide mechanism allows the seat and controllers to move together or the seat can move independently. This allows the operator to position the controllers for maximum comfort. The multi-position monitor is easily reached and can be rotated to remove all glare. And the incline dashboard makes the switches and fuel control dial easier to view and use.

Service



SELF-DIAGNOSTICS WITH MEMORY

The *Avance* series is equipped with an on board self-diagnostic system which is displayed through the time display in the monitor. This diagnostic system can generate information for current operating conditions and historical abnormalities. During regular operations the operator can check the current machine conditions. However, should serious abnormalities occur the system will display a warning and in some cases an alarm will sound. For historical data, the system can track up to 20 deviations over the past 999 hours. This will enable the service team to perform a quick diagnosis and reduce down time.

ACCESSIBLE SERVICE LOCATIONS

Fluid checks are easier and can be performed from ground level with the new locations of the radiator and windshield washer bottles. Also, oil changes have been made simpler with the new drain valve and improved locations of the filter. The bolt-type adjustment for the alternator makes fan belt tension adjustment almost effortless. And the *Avance* series monitor contains an air cleaner indicator light, which alerts the operator to change the element to ensure that the machine is always running at its maximum efficiency.

HINGED OIL COOLER

With the addition of a hinged oil cooler, cleaning the oil cooler and radiator is simpler and less time consuming. In addition, cleaning is more thorough and the radiator maintains its efficiency.

PC250LC-6 SPECIFICATIONS

ENGINE

Model ..... Komatsu SA6D95L
Type ..... 4 cycle, water-cooled, direct-injection
Aspiration ..... Turbocharged and aftercooled
No. of cylinders 6
Bore ..... **3.74"** 95 mm
Stroke ..... **4.53"** 115 mm
Piston displacement ..... **298 cu. in.** 4.89 ltr.
Flywheel horsepower:
(SAE J1349) ..... **158 HP** 118 kW at **2300 RPM**
(DIN 6270 NET) ..... **160 PS** 118 kW at **2300 RPM**
Governor ..... All-speed, mechanical

HYDRAULIC SYSTEM

Type ..... HydrauMind (Hydraulic Mechanical Intelligence New Design) system Closed-center system with load sensing valves and pressure compensated valves.
No. of selectable working modes 5
Main pump:
Type ..... Variable-displacement piston pumps
Pumps for ..... Boom, arm, bucket, swing and travel circuits
Maximum flow ..... **2 x 57 gpm** 2 x 215 ltr.
Sub-pump for control circuit ..... Gear pump
Hydraulic motors:
Travel ..... 2 x Axial piston motor with parking brake
Swing ..... 1 x Axial piston motor with swing holding brake
Relief valve setting:
Implement circuits ..... **4,620 PSI** 325 kg/cm²
Travel circuit ..... **5,050 PSI** 355 kg/cm²
Swing circuit ..... **3,980 PSI** 280 kg/cm²
Pilot circuit ..... **430 PSI** 30 kg/cm²
Service valve ..... **3,980 PSI** 280 kg/cm²
Hydraulic cylinders:
Number of cylinders – bore x stroke
Boom ..... 2 – **5.5" x 49.8"** 140 mm x 1265 mm
Arm ..... 1 – **5.5" x 64.4"** 140 mm x 1635 mm
Bucket ..... 1 – **5.1" x 40.2"** 130 mm x 1020 mm
Service valve maximum flow:
First valve ..... **114 gpm** 430 ltr.
Second valve ..... **57 gpm** 215 ltr.
Third valve ..... **57 gpm** 215 ltr.

SWING SYSTEM

Driven by ..... Hydraulic motor
Swing reduction ..... Planetary double reduction
Swing circle lubrication ..... Grease-bathed
Swing lock ..... Oil disc brake
Swing speed ..... 11.5 RPM

DRIVES & BRAKES

Steering control ..... Two levers with pedals
Drive method ..... Fully hydrostatic type
Travel motor ..... Axial piston motor, in-shoe design
Reduction system ..... Planetary double reduction
Max. drawbar pull ..... **59,084 lb.** 26800 kg
Max. travel speed (High) ..... **3.2 MPH** 5.1 km/h
Max. travel speed (Mid) ..... **2.6 MPH** 4.1 km/h
Max. travel speed (Low) ..... **1.4 MPH** 2.2 km/h
Service brake ..... Hydraulic lock type
Parking brake ..... Oil disc brake

UNDERCARRIAGE

Center frame ..... X-frame
Track frame ..... Box-section type
Seal of track ..... Sealed track
Track adjuster ..... Hydraulic type
No. of shoes ..... 50 each side
No. of carrier rollers ..... 2 each side
No. of track ro llers ..... 8 each side

COOLANT & LUBRICANT CAPACITY (refilling)

Fuel tank ..... **81.9 U.S. gal** 310 ltr.
Radiator ..... **6.0 U.S. gal** 22.8 ltr.
Engine ..... **5.9 U.S. gal** 22.5 ltr.
Final drive, each side ..... **2.0 U.S. gal** 7.4 ltr.
Swing drive ..... **1.8 U.S. gal** 6.8 ltr.
Hydraulic tank ..... **43.9 U.S. gal** 166 ltr.

OPERATING WEIGHT (approximate)

Operating weight, including **19'4"** 5900 mm one-piece boom, **10'0"** 3000 mm arm, SAE heaped **1.38 yd³** 1.06 m³ back-hoe bucket, operator, lubricant, coolant and full fuel tank and the standard equipment.

Triple-grouser shoes		PC250LC-6	
		Operating weight	Ground pressure
A	**23.6"** 600 mm	**59,833 lb** 27140 kg	**7.54 PSI** 0.53 kg/cm²
B	**27.6"** 700 mm	**60,627 lb** 27500 kg	**6.54 PSI** 0.46 kg/cm²
C	**31.5"** 800 mm	**61,421 lb** 27860 kg	**5.83 PSI** 0.41 kg/cm²

A—Rocky terrain, riverbanks and general terrain
B—General or soft terrain
C—Extremely soft terrain (swamps)

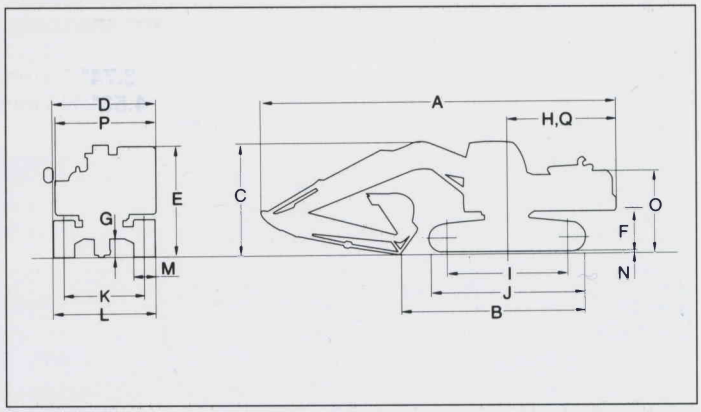
STANDARD EQUIPMENT

- Air cleaner, double element
- Alternator, 30A
- Auto de-airation system for fuel line
- Batteries, 2x12V/170Ah
- Boom holding valve
- Cab which includes: antenna; ashtray; cigarette lighter; floor mat; front windshield wiper and washer; heater **32,000 BTU** 8065 Kcal/defroster; luggage and magazine box; seat, fully adjustable with suspension, double slide mechanism and seat belt; window lattice (RH)
- Corrosion resistor
- Cooling fan, mixed flow with fan guard
- Counter Weight, **10,440 lb** 4730 kg
- Dust proof net for radiator and oil cooler
- Electronic monitor
- Fuel tank sight gauge protection
- Hinged oil cooler
- Hydraulic Control:
  - Auto-deceleration
  - Auto engine warm-up
  - Engine overheat prevention
  - Power maximizing system
  - Speed down system
  - Swing/boom priority selection
  - Working mode selection
- In-line filter
- Pump/engine room partition cover
- Rear view mirror (RH & LH)
- Shoes, **27.6"** 700mm, triple grouser
- Starting Motor, 5.5 kW
- Turbocharger exhaust manifold cover
- Travel alarm

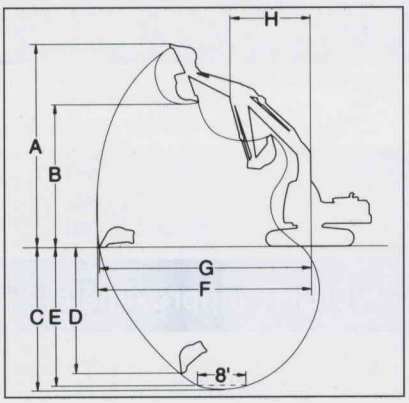
DIMENSIONS

		6'8" 2.0 m arm	8'2" 2.5 m arm	10'0" 3.0 m arm	11'6" 3.5 m arm
A	Overall length	31'10" 9695 mm	32'3" 9830 mm	32'1" 9780 mm	32'1" 9770 mm
B	Length on ground	20'8" 6295 mm	20'3" 6170 mm	17'9" 5420 mm	16'3" 4955 mm
C	Overall height	10'2" 3095 mm	12'7" 3825 mm	10'7" 3230 mm	10'8" 3260 mm

		PC250LC-6
D	Overall width	10'10" 3290 mm
E	Overall height (to top of cab)	9'11" 3020 mm
F	Ground clearance, counterweight	3'11" 1205 mm
G	Min. ground clearance	1'8" 500 mm
H	Tail swing radius	9'5" 2860 mm
I	Length of track on ground	12'11" 3945 mm
J	Track length	15'11" 4855 mm
K	Track gauge	8'6" 2590 mm
L	Width of crawler	10'10" 3290 mm
M	Shoe width	28" 700 mm
N	Grouser height	1" 31 mm
O	Machine cab height	7'0" 2140 mm
P	Machine cab width	8'11" 2710 mm
Q	Distance, swing center to rear end	9'4" 2850 mm



WORKING RANGE & BUCKET/ARM COMBINATION



		6'8" 2.0 m arm	8'2" 2.5 m arm	10'0" 3.0 m arm	11'6" 3.5 m arm
A	Max. digging height	30'6" 9300 mm	30'8" 9340 mm	31'8" 9660 mm	32'1" 9780 mm
B	Max. dumping height	21'4" 6505 mm	20'10" 6350 mm	22'2" 6750 mm	23'5" 7125 mm
C	Max. digging depth	18'5" 5610 mm	20'0" 6105 mm	21'10" 6650 mm	23'4" 7105 mm
D	Max. vertical wall digging depth	16'2" 4930 mm	16'7" 5055 mm	19'4" 5885 mm	20'3" 6165 mm
E	Max. digging depth for 8' level	17'8" 5380 mm	19'4" 5895 mm	21'3" 6475 mm	22'10" 6950 mm
F	Max. digging reach	30'6" 9285 mm	31'8" 9655 mm	33'5" 10180 mm	34'10" 10625 mm
G	Max. digging reach at ground	29'8" 9035 mm	31'0" 9445 mm	32'9" 9980 mm	34'1" 10385 mm
H	Min. swing radius	13'0" 3950 mm	12'11" 3925 mm	12'8" 3860 mm	12'9" 3890 mm
Bucket digging force☆		36,820 lb* 16700 kg	31,970 lb 14500 kg	31,970 lb 14500 kg	31,970 lb 14500 kg
Arm crowd force☆		32,410 lb 14700 kg	29,980 lb 13600 kg	26,230 lb 11900 kg	22,710 lb 10300 kg

☆At power max. *Optional bucket cylinder is required.

BACKHOE BUCKET AND ARM COMBINATION

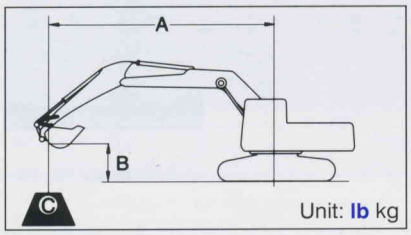
BUCKET TYPE	CAPACITY	WIDTH	WEIGHT	# TEETH	ARMS 6'8" 2.0 m	8'2" 2.5 m	10'0" 3.0 m	11'6" 3.5 m
ESCO STANDARD PLATE	1.00 yd³ 0.76 m³	30" 762 mm	1658 lb 752 kg	4	○	○	○	○
	1.38 yd³ 1.06 m³	36" 914 mm	1824 lb 827 kg	5	○	○	○	□
	1.63 yd³ 1.25 m³	42" 1067 mm	1992 lb 904 kg	5	○+	○+	□+	X
	2.00 yd³ 1.53 m³	48" 1219 mm	2125 lb 964 kg	5	○+	○+	□+	X
ESCO HEAVY DUTY PLATE	1.00 yd³ 0.76 m³	30" 762 mm	2166 lb 982 kg	4	○	○	○	○
	1.38 yd³ 1.06 m³	36" 914 mm	2371 lb 1075 kg	4	○	○	○	□
	1.62 yd³ 1.24 m³	42" 1067 mm	2631 lb 1193 kg	5	○+	○+	□+	X
	2.00 yd³ 1.53 m³	48" 1219 mm	2836 lb 1286 kg	5	○+	○+	□+	X
ESCO HEAVY DUTY CAST	1.00 yd³ 0.76 m³	30" 762 mm	2139 lb 970 kg	4	○	○	○	○
	1.38 yd³ 1.06 m³	39" 991 mm	2408 lb 1092 kg	4	○	○	○	□
	1.62 yd³ 1.24 m³	45" 1143 mm	2729 lb 1238 kg	5	○+	○+	□+	X

○ -Used with weights up to 3,040 lb/yd³ □ -Used with weights up to 2,520 lb/yd³ △ -Used with weights up to 2,020 lb/yd³ X -Not useable + -Light duty applications only

GUIDELINES FOR MATCHING ESCO BUCKETS WITH APPLICATIONS

STANDARD DUTY PLATE BUCKET	HEAVY DUTY PLATE BUCKET	HEAVY DUTY CAST BUCKET	DITCH CLEANING BUCKET
• General purpose. • Truck loading. • Mass excavation. • General excavation in loam soil, sandy soils or soils containing very little rock.	• General excavation in compact soils or dense clay. • Excavation in gravel or loosely embedded to moderate rock conditions.	• Shot rock conditions. • Touch and abrasive excavating.	• General purpose ditch cleanout. • Very light excavating in loam or sandy soils.

LIFTING CAPACITY



Equipment:
- Boom: **19'2"** 5850 mm
- Bucket: **1.38 yd³** 1.06 m³
- Shoes: **31.4"** 800 mm
- Lifting Mode (Power Max Full Time)

A: Reach from swing circle
B: Bucket hook height
C: Lifting capacity
Cf: Rating over front
Cs: Rating over side
: Rating at maximum reach

PC250LC-6 Arm: **6'7"** 2000 mm

Unit: **lb** kg

A / B	5' 1.5 m		10' 3.0 m		15' 4.6 m		20' 6.1 m		25' 7.6 m		30' 9.1 m		MAX.	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
25' 7.5 m													*10600 4800	*10600 4800
20' 6.1 m							*13100 5950	*13100 5950					*9900 4500	*9900 4500
15' 4.6 m			*24400 11050	*24400 11050	*17300 7850	*17300 7850	*14800 6700	14100 6400	*10900 4950	9600 4350			*9900 4500	9500 4300
10' 3.0 m					*23100 10500	20900 9500	*17400 7900	13400 6100	*15200 6900	9400 4250			*10400 4700	8600 3900
5' 1.5 m					*28100 12750	19700 8950	*20200 9150	12900 5850	15200 6900	9100 4150			*11500 5200	8300 3750
0' 0.0 m					*30600 13900	19200 8700	21200 9600	12900 5850	15000 6800	8900 4050			13200 6000	8600 3900
–5' –1.6 m			*27700 12550	*27700 12550	*31100 14100	19200 8700	21200 9600	12500 5650					16100 7300	9600 4350
–10' –3.0 m			*42200 19150	39700 18000	*29400 13350	19500 8850	*21400 9700	12700 5750					20400 9250	12100 5500
–15' –4.6 m														

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

PC250LC-6 Arm: **8'2"** 2500 mm

Unit: **lb** kg

A / B	5' 1.5 m		10' 3.0 m		15' 4.6 m		20' 6.1 m		25' 7.6 m		30' 9.1 m		MAX.	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
25' 7.5 m							*11600 5250	*11600 5250					*10100 4600	*10100 4600
20' 6.1 m							*11700 5300	*11700 5300					*9700 4400	*9700 4400
15' 4.6 m							*13600 6150	13600 6150	*13100 5950	9800 4450			*9800 4450	8800 4000
10' 3.0 m					*21300 9650	*21300 9650	*16400 7450	13800 6250	*14400 6550	9600 4350			*10300 4650	8000 3650
5' 1.5 m					*26900 12200	20300 9200	*19400 8800	13100 5950	15300 6950	9300 4200			*11200 5100	7800 3550
0' 0.0 m					*30200 13700	19500 8850	21500 9750	12700 5750	15100 6850	9000 4100			*13000 5900	8000 3650
–5' –1.6 m	*16300 7400	*16300 7400	*26500 12000	*26500 12000	*31400 14250	19400 8800	21200 9600	12500 5650	15000 6800	9000 4100			14800 6700	8800 4000
–10' –3.0 m			*42800 19400	39700 18000	*30400 13800	19600 8900	21400 9700	12700 5750					18000 8150	10800 4900
–15' –4.6 m			*38300 17350	*38300 17350	*26300 11950	20200 9150							*21800 9900	16000 7250

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

PC250LC-6 Arm: **10'0"** 3000 mm

Unit: **lb** kg

A / B	5' 1.5 m		10' 3.0 m		15' 4.6 m		20' 6.1 m		25' 7.6 m		30' 9.1 m		MAX.	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
25' 7.5 m													*6400 2900	*6400 2900
20' 6.1 m									*8900 4050	*8900 4050			*6100 2750	*6100 2750
15' 4.6 m							*12100 5500	*12100 5500	*11800 5350	10000 4550			*6100 2750	*6100 2750
10' 3.0 m			*30100 13650	*30100 13650	*19000 8600	*19000 8600	*15100 6850	14000 6350	*13300 6050	9700 4400			*6400 2900	*6400 2900
5' 1.5 m			*13700 6200	13700 6200	*25000 11350	20700 9400	*18300 8300	13300 6050	*15100 6850	9400 4250			*7000 3160	*7000 3160
0' 0.0 m			*16400 7450	*16400 7450	*29200 13250	19800 9000	*20900 9500	12800 5800	15100 6850	9100 4150			*7900 3600	7300 3300
–5' –1.6 m	*14700 6650	*14700 6650	*24100 10950	*24100 10950	*31200 14160	19400 8800	*21200 9600	12500 5650	15000 6800	8900 4050			*9700 4400	7800 3550
–10' –3.0 m	*23500 10650	*23500 10650	*35600 16150	*35600 16150	*31100 14100	19500 8850	21300 9650	12600 5700					*13000 5900	9300 4200
–15' –4.6 m			*41700 18900	*40300 18300	*28400 12900	20000 9050	20200 9150	12900 5850					*20000 9050	12700 5750

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

PC250LC-6 Arm: 11'6" 3500 mm

Unit: lb kg

A / B	5' 1.5 m		10' 3.0 m		15' 4.6 m		20' 6.1 m		25' 7.6 m		30' 9.1 m		MAX.	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
25' 7.5 m													*5300 2400	*5300 2400
20' 6.1 m									*8900 4050	*8900 4050			*5000 2250	*5000 2250
15' 4.6 m									*10800 4900	10100 4600			*5100 2300	*5100 2300
10' 3.0 m			*24900 11300	*24900 11300	*16900 7650	*16900 7650	*13800 6250	*13800 6250	*12500 5650	9800 4460	*7300 3300	7100 3200	*5300 2400	*5300 2400
5' 1.5 m			*19400 8800	*19400 8800	*23100 10500	20900 9500	*17200 7800	13400 6100	*14300 6500	9400 4250	*8500 3850	6900 3150	*5700 2600	*5700 2600
0' 0.0 m			*17700 8050	*17700 8050	*28000 12700	19800 9000	*20100 9100	12800 5800	15100 6850	9000 4100	*7500 3400	6700 3050	*6600 3000	*6600 3000
–5' –1.6 m	*13600 6150	*13600 6150	*23300 10550	*23300 10550	*30600 13900	19400 8800	21200 9600	12500 5650	14900 6750	8900 4050			*7900 3600	7200 3250
–10' –3.0 m	*21100 9550	*21100 9550	*32400 14700	*32400 14700	*31200 14150	19300 8750	21100 9550	12300 5600	14900 6750	8900 4050			*10400 4700	8400 3800
–15' –4.6 m	*30300 13750	*30300 13750	*43800 19850	39800 18050	*29500 13360	19600 8900	21400 9700	12600 5700					*16100 7300	10900 4950

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

OPTIONAL EQUIPMENT

- Air conditioner (3300kcal) with heater (3700kcal), fresh air type, includes cool and hot box
- Arm holding valve
- Fuel refill pump
- Front window guard, full length
- FROPS for normal cab
- Hydraulic control unit
  - 1 additional actuator
  - 2 additional actuators
  - 3 additional actuators
- Revolving frame under cover, strengthened
- Track roller guards, full length
- Under cover for track frame center
- Arm
  - **6'8"** 2.0 m
  - **6'8"** 2.0 m with piping
  - **8'2"** 2.5 m
  - **8'2"** 2.5 m with piping
  - **10'0"** 3.0 m
  - **10'0"** 3.0 m with piping
  - **10'0"** 3.0 m heavy-duty
  - **10'0"** 3.0 m heavy-duty with piping
  - **11'6"** 3.5 m
  - **11'6"** 3.5 m with piping
- Boom, one piece
  - **19'4"** 5.9 m
  - **19'4"** 5.9 m, heavy-duty
  - **19'4"** 5.9 m, heavy-duty with piping
- Shoes, triple grouser
  - **23.6"** 600 mm
  - **31.5"** 800 mm

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