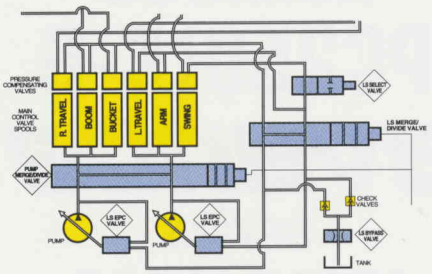
# KOMATSU
# PC250LC-6
# avance
series
# HYDRAULIC EXCAVATOR


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

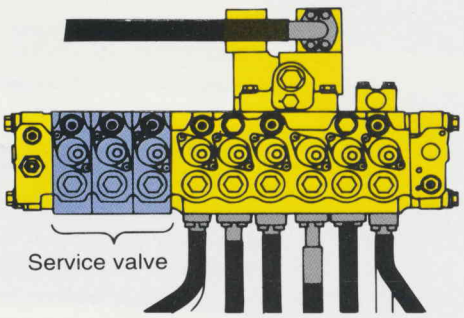
Photos shown may include optional equipment.

KOMATSU

## HydrauMind

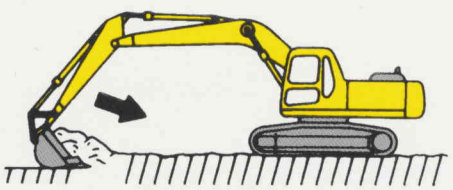


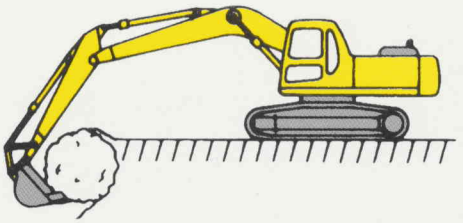

***Avance*** is the next generation of excavator development from Komatsu. This machine provides the most productive and economical excavator on the market today. **HydrauMind** is a closed center hydraulic system designed with four Komatsu exclusive valves, which furnishes the *Avance* operator with 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.



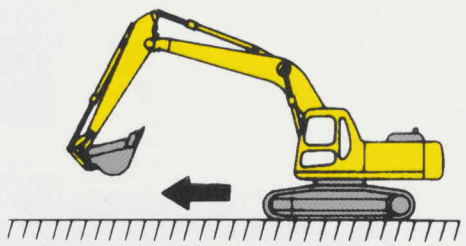

**ADD ON SERVICE VALVES**
As your needs expand so can your *Avance* excavator. With the HydrauMind system up to three service valves can be quickly and easily added to the main valve body. This allows the *Avance* excavator to adapt to all your future demands.

## Operation





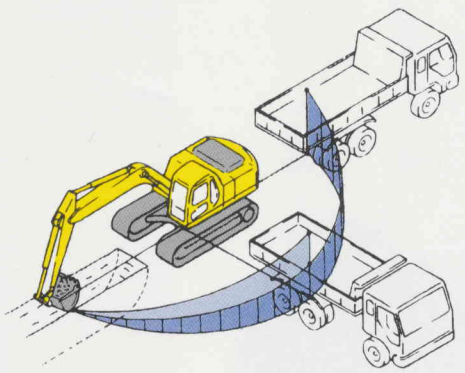
**WORKING MODE SELECTION**
The *Avance* excavator is equipped with five working modes. Each mode is designed to match engine speed, pump speed and system pressure with the application at hand. **H/O Mode** is designed for heavy-duty digging operations. This mode provides the power to dig through tough 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.



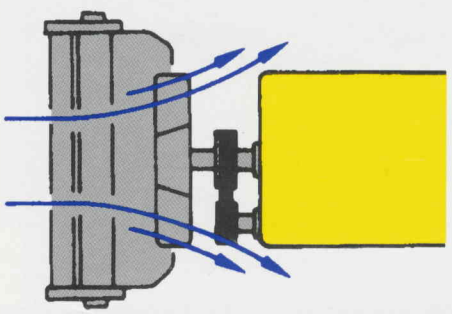
**SWING ACCEL**
The swing accel function is designed to control boom and swing speeds to provide optimum responses for the desired loading angle. If "Swing Accel" is off, oil flow to the boom is increased, making 90° loading operations most efficient. Selecting "Swing Accel" will increase oil flow to 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.

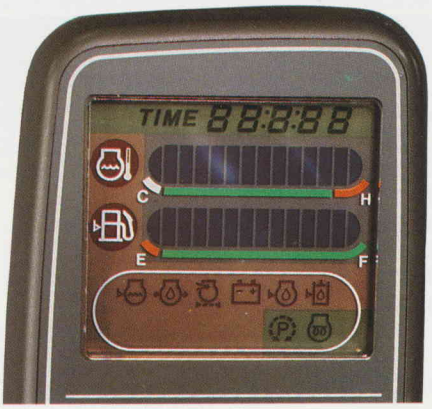
### SEAT

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 |
| **23.6"** 600 mm | **59,833 lb** 27140 kg | **7.54 PSI** 0.53 kg/cm² |
| **27.6"** 700 mm | **60,627 lb** 27500 kg | **6.54 PSI** 0.46 kg/cm² |
| **31.5"** 800 mm | **61,421 lb** 27860 kg | **5.83 PSI** 0.41 kg/cm² |

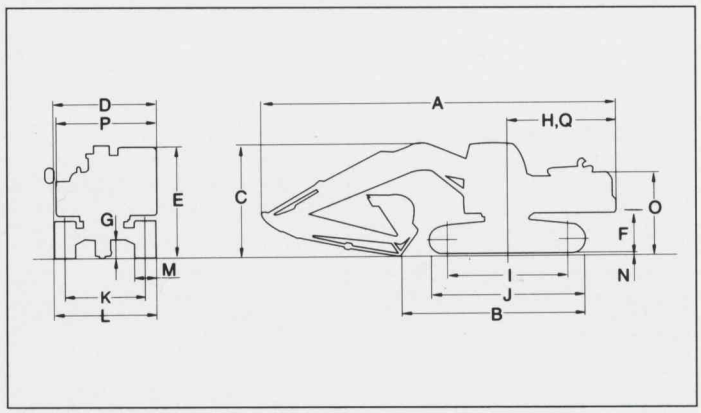
## STANDARD EQUIPMENT

- 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 wind-shield wiper and washer; heater (2000kcal)/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

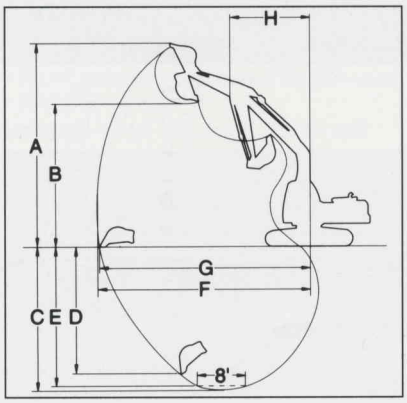
## DIMENSIONS

| | | 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

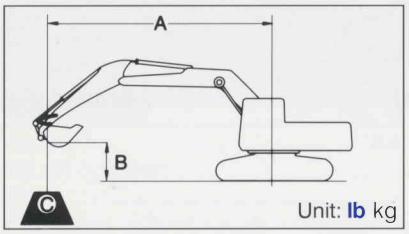
| BUCKET TYPE | CAPACITY | WIDTH | WEIGHT | # TEETH | ARMS 6'8" 2.0 m | 8'2" 2.5 m | 10'0" 3.0 m | 11'6" 3.5 m |
|---|---|---|---|---|---|---|---|---|
| ESCO STANDARD PLATE | 1.00 yd³ 0.76 m³ | 30" 762 mm | 1658 lb 752 kg | 4 | ○ | ○ | ○ | ○ |
| | 1.38 yd³ 1.06 m³ | 36" 914 mm | 1824 lb 827 kg | 5 | ○ | ○ | ○ | □ |
| | 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.<br>• Truck loading.<br>• Mass excavation.<br>• General excavation in loam soil, sandy soils or soils containing very little rock. | • General excavation in compact soils or dense clay.<br>• Excavation in gravel or loosely embedded to moderate rock conditions. | • Shot rock conditions.<br>• Touch and abrasive excavating. | • General purpose ditch cleanout.<br>• 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
- Power Max: ON

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
- Heater, large capacity, (4500kcal)
- 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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