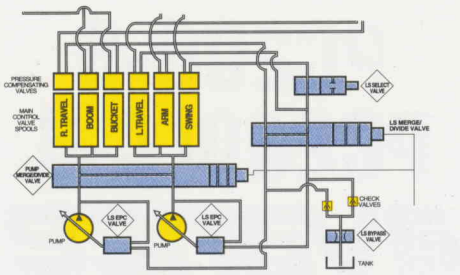
KOMATSU
PC200-6
PC200LC-6
avance
series
HYDRAULIC EXCAVATORS

Flywheel Horsepower:
133HP 99kW @ 2200RPM
Operating Weight:
44,430 lb (STD) 20150 kg
46,970 lb (LC) 21300 kg
Bucket Capacity Range:
0.62–1.50 yd³ 0.47–1.15m³

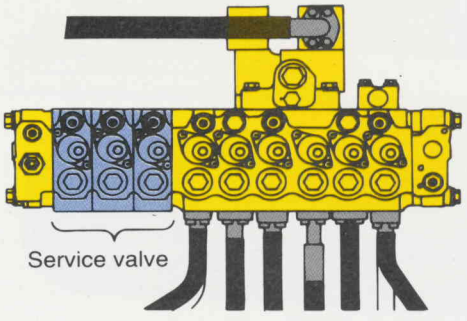
Photos shown may include optional equipment.

KOMATSU

HydrauMind



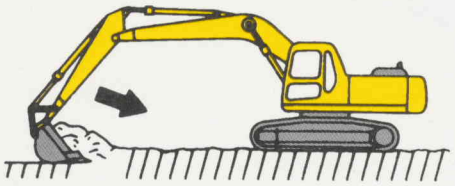
Avance is the next generation of excavator development from Komatsu. This machine provides the most productive and economical excavator on the market today. **HydrauMind** is a closed center hydraulic system designed with four Komatsu exclusive valves, which furnishes the *Avance* operator with greater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

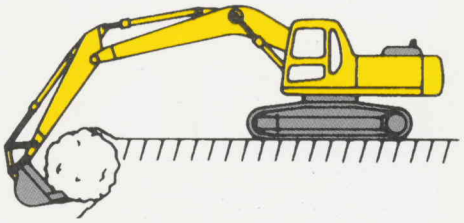


ADD ON SERVICE VALVES

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.

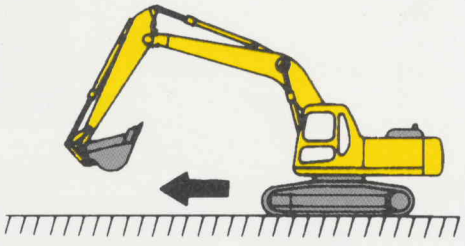
Operation





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

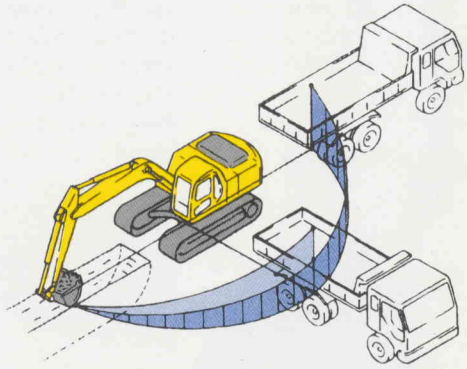
The *Avance* excavator is equipped with three automatic travel speeds to provide smooth, efficient travel around the job site.

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

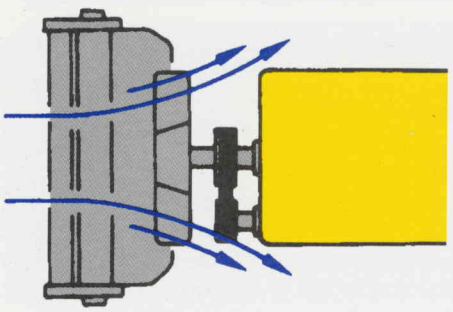
The swing accel function is designed to control boom and swing speeds to provide optimum responses for the desired loading angle. If "Swing Accel" is off, oil flow to the boom is increased, making 90° loading operations most efficient. Selecting "Swing Accel" will increase oil flow to the swing motor,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

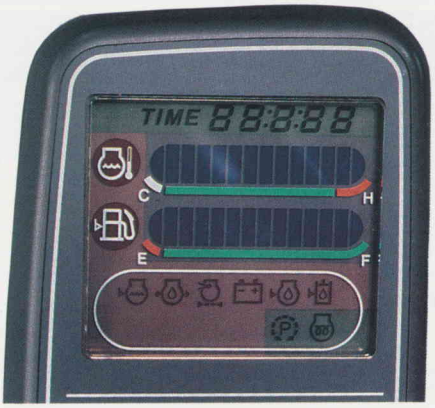


NOISE
The noise levels at the operator's ears have been decreased to as low as 70dBA, by improving the door and seals for the cab and engine compartment. In addition, a mixed-flow fan has been added to reduce fan speed and channel air around the engine, thereby reducing wind noise which had been created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

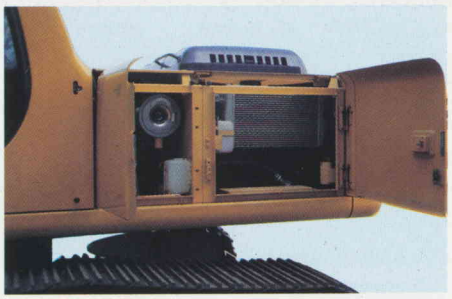
SEAT
The operator will experience less fatigue during long days with the redesigned, tiltable, semi-bucket seat. This seat utilizes a highly elastic, non-deforming urethane foam which will hold its shape, while the cloth cover provides excellent ventilation for unsurpassed comfort. The dual tilt mechanism 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.

PC200/LC-6 SPECIFICATIONS

ENGINE

Model ..... Komatsu S6D95L
Type ..... 4 cycle, water-cooled, direct-injection
Aspiration ..... Turbocharged
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) ..... **133 HP** 99 kW at **2200 RPM**
(DIN 6270 NET) ..... **135 PS** 99 kW at **2200 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 54 gpm** 2 x 206 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/cm^2
Travel circuit ..... **5,050 PSI** 355 kg/cm^2
Swing circuit ..... **3,980 PSI** 280 kg/cm^2
Pilot circuit ..... **430 PSI** 30 kg/cm^2
Service valve ..... **3,980 PSI** 280 kg/cm^2
Hydraulic cylinders:
Number of cylinders – bore x stroke
Boom ..... 2 – **5.1" x 50.6"** 130 mm x 1285 mm
Arm ..... 1 – **5.3" x 58.7"** 135 mm x 1490 mm
Bucket ..... 1 – **4.5" x 44.1"** 115 mm x 1120 mm
Service valves maximum flow:
First valve ..... **108 gpm** 412 ltr.
Second valve ..... **54.4 gpm** 206 ltr.
Third valve ..... **54.4 gpm** 206 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 ..... **39,020 lb.** 17700 kg
Max. travel speed (High) ..... **3.4 MPH** 5.5 km/h
Max. travel speed (Mid) ..... **2.6 MPH** 4.1 km/h
Max. travel speed (Low) ..... **1.9 MPH** 3.0 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 ..... 45 each side (PC200-6)
49 each side (PC200LC-6)
No. of carrier rollers ..... 2 each side
No. of track rollers ..... 7 each side (PC200-6)
9 each side (PC200LC-6)

COOLANT & LUBRICANT CAPACITY (refilling)

Fuel tank ..... **81.9 U.S. gal** 310 ltr.
Radiator ..... **6.0 U.S. gal** 22.6 ltr.
Engine ..... **5.9 U.S. gal** 22.5 ltr.
Final drive, each side ..... **1.5 U.S. gal** 5.5 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 **18'8"** 5700 mm one-piece boom, **9'7"** 2925 mm arm, SAE heaped **1.00 yd^3** 0.76 m^3 back-hoe bucket, operator, lubricant, coolant and full fuel tank and the standard equipment.

Triple-grouser shoes	PC200-6		PC200LC-6	
	Operating weight	Ground pressure	Operating weight	Ground pressure
24" 600 mm	**43,880 lb** 19900 kg	**6.68 PSI** 0.47 kg/cm^2	**46,363 lb** 21030 kg	**6.40 PSI** 0.45 kg/cm^2
28" 700 mm	**44,430 lb** 20150 kg	**5.83 PSI** 0.41 kg/cm^2	**46,970 lb** 21300 kg	**5.55 PSI** 0.39 kg/cm^2
31.4" 800 mm	**44,980 lb** 20400 kg	**5.12 PSI** 0.36 kg/cm^2	**47,580 lb** 21580 kg	**4.99 PSI** 0.35 kg/cm^2
35.4" 900 mm	—	—	**48,200 lb** 21860 kg	**4.55 PSI** 0.32 kg/cm^2

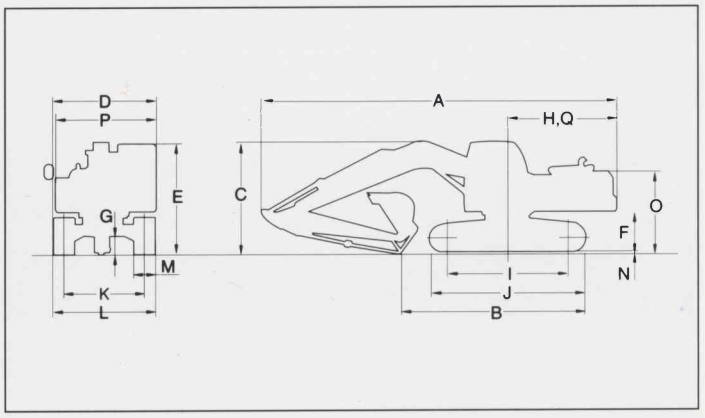
STANDARD EQUIPMENT

- 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 2000kcal/defroster; luggage and magazine box; seat, fully adjustable with suspension, double slide mechanism and seat belt; window guard (RH)
- Collision resistor
- Cooling fan, mixed flow with fan guard
- Counter Weight, **7950 lb** 3600 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"** 700 mm, Triple grouser
- Starting Motor, 5.5 kW
- Turbocharger exhaust manifold cover
- Travel alarm

DIMENSIONS

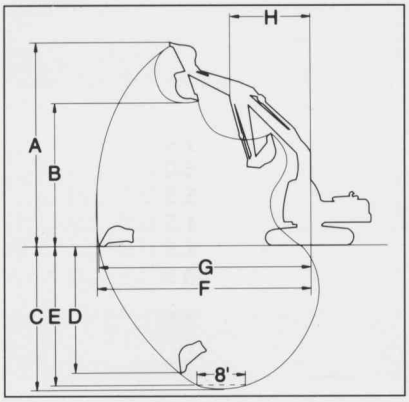
			5'11" 1.8 m arm	7'11" 2.4 m arm	9'7" 2.9 m arm	** 13'4" 4.0 m arm
A	Overall length		31'2" 9510 mm	31'1" 9485 mm	30'11" 9425 mm	30'11" 9425 mm
B	Length on ground (transport)	PC200	20'7" 6280 mm	18'7" 5670 mm	15'10" 4830 mm	13'6" 4120 mm
		PC200LC	21'3" 6470 mm	19'3" 5860 mm	16'6" 5020 mm	14'2" 4310 mm
C	Overall height (to top of boom)		9'10" 2985 mm	10'5" 3170 mm	9'9" 2970 mm	10'5" 3170 mm

		PC200-6	PC200LC-6
D	Overall width	9'5" 2880 mm	10'1" 3080 mm
E	Overall height (to top of cab)	9'6" 2905 mm	9'6" 2905 mm
F	Ground clearance, counterweight	3'7" 1085 mm	3'7" 1085 mm
G	Min. ground clearance	1'5" 440 mm	1'5" 440 mm
H	Tail swing radius	9'1" 2780 mm	9'1" 2780 mm
I	Length of track on ground	10'9" 3270 mm	11'11" 3640 mm
J	Track length	13'5" 4080 mm	14'7" 4450 mm
K	Track gauge	7'2" 2180 mm	7'10" 2380 mm
L	Width of crawler	9'5" 2880 mm	10'1" 3080 mm
M	Shoe width	28" 700 mm	28" 700 mm
N	Grouser height	1" 26 mm	1" 26 mm
O	Machine cab height	6'8" 2020 mm	6'8" 2020 mm
P	Machine cab width	8'11" 2710 mm	8'11" 2710 mm
Q	Distance, swing center to rear end	9'0" 2740 mm	9'0" 2740 mm



**3'8" 1.13 m Extension arm +9'7" 2.93 m arm.

WORKING RANGE & BUCKET/ARM COMBINATION



		5'11" 1.8 m arm	7'11" 2.4 m arm	9'7" 2.9 m arm	13'4" 4.0 m**arm
A	Max. digging height	29'2" 8895 mm	29'8" 9050 mm	30'6" 9305 mm	31'10" 9700 mm
B	Max. dumping height	19'11" 6065 mm	20'6" 6255 mm	21'3" 6475 mm	22'10" 6970 mm
C	Max. digging depth	18'2" 5535 mm	20'0" 6095 mm	21'9" 6620 mm	25'4" 7725 mm
D	Max. vertical wall digging depth	16'3" 4965 mm	17'5" 5315 mm	19'7" 5980 mm	23'3" 7075 mm
E	Max. digging depth of cut for 8' level	16'11" 5160 mm	19'2" 5840 mm	21'1" 6435 mm	24'11" 7590 mm
F	Max. digging reach	29'3" 8915 mm	30'10" 9395 mm	32'5" 9875 mm	35'8" 10880 mm
G	Max. digging reach at ground	28'7" 8720 mm	30'2" 9205 mm	31'10" 9700 mm	35'1" 10705 mm
H	Min. swing radius	11'11" 3640 mm	12'2" 3710 mm	11'11" 3630 mm	11'11" 3630 mm
Bucket digging force°		32,850 lb* 14900 kg	28,000 lb 12700 kg	28,000 lb 12700 kg	28,000 lb 12700 kg
Arm crowd force		29,100 lb 13200 kg	25,800 lb 11700 kg	22,050 lb 10000 kg	18,080 lb 8200 kg

°At power max. *Optional bucket cylinder is required. **3'8" 1.13 m Extension arm +9'7" 2.93 m arm.

BACKHOE BUCKET AND ARM COMBINATION

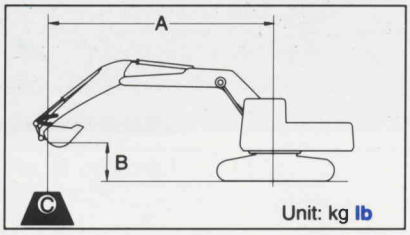
BUCKET TYPE	CAPACITY	WIDTH OUTSIDE LIP	WEIGHT	# TEETH	ARMS 5'11" 1.8 m	7'11" 2.4 m	9'7" 2.9 m	13'4" 4.0 m*
ESCO STANDARD PLATE	0.62 yd³ 0.47 m³	24" 610 mm	1144 lb 519 kg	4	○	○	○	○+
	0.75 yd³ 0.57 m³	30" 762 mm	1299 lb 589 kg	4	○	○	○	○+
	1.00 yd³ 0.76 m³	36" 914 mm	1428 lb 648 kg	5	○	○	○	X
	1.25 yd³ 0.96 m³	42" 1067 mm	1581 lb 717 kg	5	○	□	△	X
	1.50 yd³ 1.15 m³	48" 1219 mm	1678 lb 761 kg	5	○	□	X	X
ESCO HEAVY DUTY PLATE	0.62 yd³ 0.47 m³	24" 610 mm	1372 lb 622 kg	4	○	○	○	○+
	0.75 yd³ 0.57 m³	30" 762 mm	1531 lb 694 kg	4	○	○	○	○+
	1.00 yd³ 0.76 m³	36" 914 mm	1724 lb 782 kg	5	○	○	○	X
	1.25 yd³ 0.96 m³	42" 1067 mm	1881 lb 853 kg	5	○	□	△	X
	1.50 yd³ 1.15 m³	48" 1219 mm	2037 lb 924 kg	5	○	□	X	X
ESCO HEAVY DUTY CAST	0.62 yd³ 0.47 m³	24" 610 mm	1415 lb 642 kg	4	○	○	○	○+
	0.75 yd³ 0.57 m³	29" 737 mm	1520 lb 690 kg	4	○	○	○	○+
	0.88 yd³ 0.67 m³	35" 889 mm	1722 lb 781 kg	5	○	○	○	X
ESCO DITCH CLEANING	0.62 yd³ 0.47 m³	48" 1219 mm	915 lb 415 kg		+	+	+	+
	0.88 yd³ 0.67 m³	60" 1524 mm	1038 lb 471 kg		+	+	+	+

*Extension arm ○ -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 solid, 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: 18'8" 5700 mm
- Bucket: 1.00 yd³ 0.76 m³
- Shoes: 31.4" 800 mm
- Power Max: ON

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

PC200-6 Arm: 5'11" 1800 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' 7.6 m													*10300 4700	*10300 4700
20' 6.1 m							*12800 5850	8600 3900					*9500 4300	7500 3400
15' 4.6 m					*16200 7350	13500 6100	12900 5860	8400 3800					*9400 4250	6000 2700
10' 3.0 m					19800 9000	12300 5600	12400 5600	7900 3600	8600 3900	5400 2450			8400 3800	5300 2400
5' 1.5 m					18700 8500	11300 5150	12000 5400	7500 3400	8400 3800	5200 2350			8100 3700	6000 2300
0' 0.0 m					18300 8300	10900 4950	11600 5260	7200 3250					8400 3800	6200 2860
-5' -1.5 m			*25300 11450	21200 9600	18300 8300	10900 4950	11000 4990	7100 3250					9500 4300	5900 2680
-10' -3.0 m			*35200 15950	21800 9900	18600 8450	11200 5100							12300 5600	7600 3460
-15' -4.6 m														

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

PC200-6 Arm: 7'11" 2400 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' 7.6 m													*9100 4100	*9100 4100
20' 6.1 m							*11200 5050	8800 4000					*8500 3850	6500 2950
15' 4.6 m							*12500 4000	8500 2550	8800 5700	5600 3850			8400 3800	5300 2400
10' 3.0 m					*18800 8550	12700 5750	12600 5750	8100 3650	8700 3950	5500 2500			7800 3450	4700 2150
5' 1.5 m					19100 8650	11700 5300	12100 5500	7800 3450	8400 3850	5300 2400			7300 3300	4500 2050
0' 0.0 m					18400 8350	11100 5000	11700 5300	7200 3250	8300 3750	5100 2300			7500 3400	4600 2100
-5' -1.5 m	*13800 6260	*13800 6260	*23200 10550	21000 9550	18200 8250	10900 4950	11500 5250	7100 3200					8300 3750	5100 2300
-10' -3.0 m	*24600 11150	*24600 11150	*3800 17250	21500 9750	18400 8350	11100 5000	11600 5300	7200 3250					10200 4600	5800 2650
-15' -4.6 m			*31500 14300	22500 10200	18800 8500	11400 5160							15500 7050	9600 4350

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

PC200-6 Arm: 9'7" 2900 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' 7.6 m													*5800 2600	*5800 2600
20' 6.1 m									*5900 2700	5800 2600			*5400 2450	*5400 2450
15' 4.6 m							*11300 5150	8700 3950	9000 4100	5800 2600			*5400 2450	4800 2150
10' 3.0 m			*26100 11850	25300 11450	*17000 7700	13100 5950	12800 5800	8200 3750	8800 4000	5600 2500			*5700 2550	4300* 1950
5' 1.5 m			*13600 8160	*13600 8150	19500 8850	12000 5450	12200 5550	7700 3600	8500 3850	5300 2400			*6200 2800	4100 1860
0' 0.0 m			*15000 6800	*15000 6800	18600 8450	11200 5100	11800 5350	7300 3300	8300 3750	6100 2800			5800 3100	4200 1900
-5' -1.5 m	*12900 5850	*12900 5850	*21700 9850	21100 9650	18300 8300	10900 4950	11500 5250	7100 3200	8200 3700	5000 2250			7400 3400	4500 2050
-10' -3.0 m	*20700 9400	*20700 9400	*32100 14550	21400 9700	18300 8300	11000 5000	11600 5250	7200 3200					8900 4000	5500 2500
-15' -4.6 m			*34800 15800	22100 10050	18800 8500	11900 5160							12400 5650	7700 3500

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

PC200-6 Arm: 13'4" 2900 mm + Ext.

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' 7.6 m									*4400 2000	*4400 2000			*3200 1450	*3200 1450
20' 6.1 m									*6400 2900	5700 2600			*3000 1350	*3000 1350
15' 4.6 m									*7700 3500	5600 2550	*4400 2000	3600 1650	*3000 1350	*3000 1350
10' 3.0 m							*10400 4700	8100 3700	8500 3850	5300 2400	6000 2700	3500 1600	*3100 1400	3000 1350
5' 1.5 m			*28400 12850	23500 10660	*17500 7950	12100 5500	12000 5450	7500 3400	8200 3700	4900 2250	5800 2650	3300 1500	*3400 1550	2800 1250
0' 0.0 m	*5900 2700	*5900 2700	*18300 8300	*18300 8300	18400 8350	10900 4950	11400 5150	5900 3100	7800 3550	4600 2100	5600 2550	3200 1450	*3900 1800	2800 1250
-5' -1.5 m	*10300 4700	*10300 4700	*19600 9000	*19600 9000	17700 8000	10300 4660	10900 4950	6500 2950	7600 3450	4400 2000	*5300 2400	3100 1400	*4800 2160	3000 1350
-10' -3.0 m	*15500 7050	*15500 7050	*25400 11600	20000 9100	17400 7900	10100 4650	10800 4900	6300 2850	7500 3400	4300 1950			*6200 2800	3600 1600
-15' -4.6 m	*22000 9950	*22000 9950	*34900 15850	20500 9300	17600 7950	10200 4660	10800 4900	6400 2900					8000 3650	4700 2150

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

PC200LC-6 Arm: 5'11" 1800 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' 7.6 m													*10300 4700	*10300 4700
20' 6.1 m							*12800 5850	9900 4450					*9600 4300	8700 3950
15' 4.6 m					*16200 7850	15500 7050	*14000 6350	9700 4350					*9400 4250	7000 3150
10' 3.0 m					*21000 9500	14300 6500	15200 6900	9200 4150	10500 4750	6300 2850			*9800 4450	6200 2800
5' 1.5 m					23600 10650	13300 6500	14700 6650	8700 3950	10300 4650	6100 2800			10000 4500	6000 2700
0' 0.0 m					22900 10400	12900 5850	14400 6500	8400 3800					10300 4700	6100 2800
-5' -1.5 m			*25300 11450	25300 11450	22900 10400	12900 5850	14300 6500	8400 3800					11600 5300	6900 3150
-10' -3.0 m			*35200 15050	26100 11850	23300 10600	13200 6000							15000 6800	8900 4000
-15' -4.6 m														

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

PC200LC-6 Arm: 7'11" 2400 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' 7.6 m													*9100 4100	*9100 4100
20' 6.1 m							*11200 5050	10100 4600					*8500 3850	7500 3400
15' 4.6 m							*12500 5700	9800 4450	10800 4900	6600 3000			*8500 3850	6200 2800
10' 3.0 m					*18900 8580	14000 6700	*14800 6750	9400 4250	10600 4800	6400 2800			*8900 4050	5600 2550
5' 1.5 m					*23600 10700	13700 6200	14800 6750	8900 4000	10300 4700	6200 2800			9000 4100	5300 2400
0' 0.0 m					23100 10500	13000 5900	14400 6550	8500 3850	10200 4600	6000 2750			9300 4200	5500 2500
-5' -1.5 m	*13800 6250	*13800 6250	*23200 10550	*23200 10550	22900 10400	12800 5850	14300 6450	8300 3800					10200 4850	6100 2750
-10' -3.0 m	*24600 11150	*24600 11150	*38000 17250	25800 11700	23100 10500	13000 5900	14400 6500	8400 3850					12600 5700	7400 3350
-15' -4.6 m			*31600 14300	26800 12150	*21600 9800	13300 6050							*18600 8400	11300 5100

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

PC200LC-6 Arm: 9'7" 2900 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' 7.6 m													*5800 2600	*5800 2600
20' 6.1 m									*5900 2700	*5900 2700			*5400 2450	*5400 2450
15' 4.6 m							*11300 5150	10000 4550	*9900 4500	6700 3050			*5400 2450	*5400 2450
10' 3.0 m			*26100 11850	*26100 11850	*17000 7700	15200 6850	*13700 6250	9500 4300	10700 4850	6500 2950			*5700 2550	5100 2300
5' 1.5 m			*13600 6150	*13600 6150	*22200 10050	14000 6350	15000 6800	9000 4100	10400 4700	6300 2850			*6200 2800	4900 2200
0' 0.0 m			*15000 6800	*15000 6800	23400 10600	13200 6000	14500 6600	8600 3900	10200 4600	6000 2750			*7100 3200	5000 2250
–5' –1.5 m	*12900 5850	*12900 5850	*21700 9850	*21700 9850	23000 10450	12800 5850	14300 6480	8300 3800	10100 4550	5900 2700			*8600 3900	5400 2450
–10' –3.0 m	*20700 9400	*20700 9400	*32100 14550	25700 11650	23000 10450	13000 5860	14300 6480	8300 3800					10900 4950	6500 2960
–15' –4.6 m			*34800 15800	26400 12000	23600 10650	13300 6050							15300 6950	9000 4100

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

PC200LC-6 Arm: 13'4" 2900 mm + Ext.

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' 7.6 m									*4400 2000	*4400 2000			*3200 1450	*3200 1450
20' 6.1 m									*6400 2800	*6400 2800			*3000 1350	*3000 1350
15' 4.6 m									*7700 3500	6500 2950	*4400 2000	4400 2000	*3000 1350	*3000 1350
10' 3.0 m							*10400 4700	9400 4300	*9600 4300	6300 2850	*6100 2750	4200 1900	*3100 1400	*3100 1400
5' 1.5 m			*28400 12850	27900 12650	*17500 7950	14100 6400	*13400 6050	8800 3950	10100 4550	5900 2650	*7200 3250	4100 1850	*3400 1550	*3400 1550
0' 0.0 m	*5900 2700	*5900 2700	*18300 8300	*18300 8300	*22300 10100	12300 5680	14100 6400	8200 3700	9700 4400	5500 2500	7100 3200	3900 1750	*3900 1800	3500 1600
–5' –1.5 m	*10300 4700	*10300 4700	*19800 9000	*19800 9000	22400 10150	12300 5680	13700 6200	7800 3500	9500 4300	5900 2400	*5300 2400	3800 1750	*4800 2150	3800 1700
–10' –3.0 m	*15500 7050	*15500 7050	*25400 11600	24300 11000	22100 10050	12100 5450	13600 6100	7600 3450	9400 4260	5200 2360			*6200 2800	4400 2000
–15' –4.6 m	*22000 9950	*22000 9950	*34800 15850	24700 11200	22300 10100	12200 5550	13600 6150	7700 3450					*9100 4150	5700 2580

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

OPTIONAL EQUIPMENT

- Air conditioner with heater (3700kcal), fresh air type, includes cool and hot box
- Arm holding valve
- Fuel refill pump
- Front window guard, full length
- Heater, large capacity, 4500kcal
- Hydraulic control unit
  - 1 additional actuator
  - 2 additional actuators
  - 3 additional actuators
- Swing back reducing valve
- Track roller guards, full length
- Under cover for track frame center
- Arm
  - 5'11" 1.8 m
  - 5'11" 1.8 m with piping
  - 7'11" 2.4 m
  - 7'11" 2.4 m with piping
  - 9'7" 2.9 m
  - 9'7" 2.9 m with piping
  - 3'8" 1.13 m arm extension
- Boom, one piece
  - 18'8" 5.7 m
  - 18'8" 5.7 m, heavy-duty with piping
- Shoes, triple grouser
  - 23.6" 600 mm
  - 31.5" 800 mm
  - 35.4" 900 mm (PC200LC)

AESS377-01 C-2/94
Printed in USA

KOMATSU
KOMATSU MARKETING DIVISION