PC220LC-6

KOMATSU

NET HORSEPOWER
158 HP 118 kW

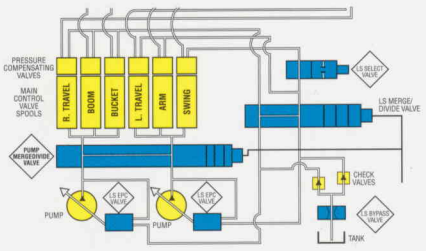
OPERATING WEIGHT
52,560 - 57,483 lb
23840 - 26074 kg

PC220LC-6

HYDRAULIC EXCAVATOR

avance

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 Komatsu exclusive valves, which furnish the ***Avance*** operator with greater responsiveness.

- LS Bypass Valve - provides smoother operations by reducing hydraulic surges.
- Pump Merge Divide Valve - decreases cycle time and increases fuel efficiency.
- LS Select Valve - reduces travel shock and helps maintain greater swing speeds.
- LS EPC Valve - makes swing speed proportional to reduced engine speed.

Together these valves combine to increase the total efficiency of the hydraulic system. With the **HydrauMind** system an ***Avance*** operator experiences less fatigue and greater control, because the work equipment responds directly to the controllers.

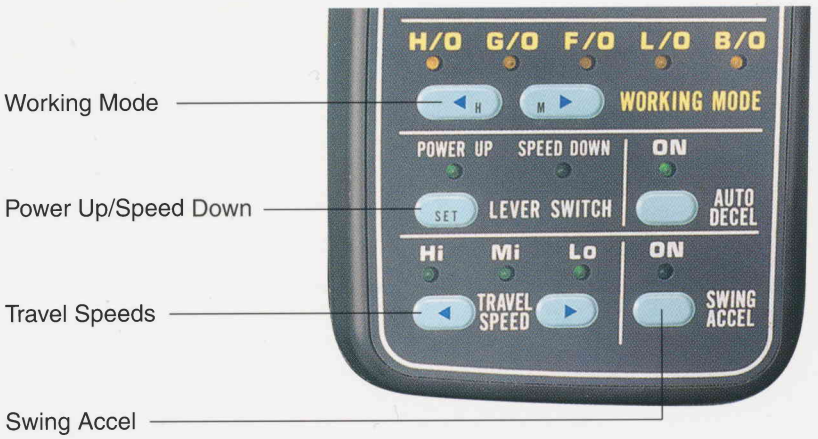
PC220LC-6

Net Horsepower:
158 HP 118 kW @ 2,300 RPM

Operating Weight:
52,560 - 57,483 lb
23840 - 26074 kg

Bucket Capacity:
0.62 - 1.75 yd³
0.47 - 1.34 m³

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 current application.

Working Mode	Application	Advantage
H/O	Heavy-Duty	• Max. Production/Power • Fast Cycle Times • Power Up/Speed Down Available
G/O	General	• Good Cycle Times • Good Fuel Economy • Power Up/Speed Down Available
F/O	Finishing	• Smooth Finishing Capability • Arm in 1/2 Speed
L/O	Lifting	• Powerful Lifting • Power Max. Pressure 100% of the Time • Reduced Speed • Precision Control
B/O	Breaker Operations	• Optimum Engine RPM, Hydraulic Flow and Pressure

POWER UP/SPEED DOWN SWITCH*

A button on top of the left joystick provides an instant burst of power at either full speed or at half speed depending on the selection made on the monitor.

Selection	Application	Result
Power Up	Tough Digging Operations	Increase implement force by 9% for 8.5 seconds.
Speed Down	Delicate Operations	Speed is reduced by 1/2. Increase implement force by 9% as long as joystick button is pressed.

** Available in H/O and G/O mode only.*

TRAVEL SPEEDS

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

SWING ACCEL

The swing accel function is designed to control boom and swing speeds to provide optimum responses for different loading angles. As a result, operators can use the same easy motion for 180° loading as they do for 90° loading.

Selection	Result
ON	Oil flow to the swing motor is increased. 180° loading operations are most efficient.
OFF	Oil flow to the boom is increased. 90° loading operations are most efficient.

Comfortable Cab

The ***Avance*** cab interior is 14% more spacious and provides a comfortable working environment.

- Ventilation has been improved with the larger fresh-air intake system and by providing additional vents throughout the cab.
- Side Visibility has been improved by adding glass to the lower half of the door.
- Upper Visibility has been increased by installing a larger, forward-mounted ceiling hatch that eliminates the upper crossbar.
- Forward Visibility has been improved 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 disconnected and the reduced windshield weight.
- Two Storage Compartments have been installed behind the operator's seat for personal items and for hot/cold items.

SEAT

The operator will experience less fatigue during long days with the 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.

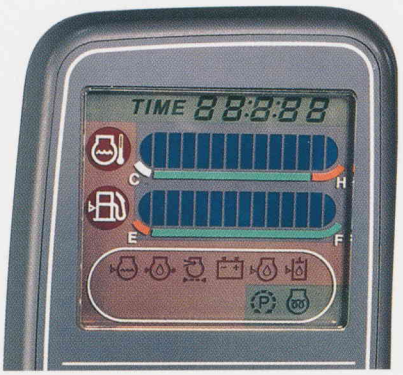
CONTROLS

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 to 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. In addition, the inclined dashboard makes the switches and fuel control dials easier to view and use.

NOISE

The noise levels at the operator's ear have been decreased to as low as 70 dBA, 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 created by the fan.

Service



SELF-DIAGNOSTIC MONITOR

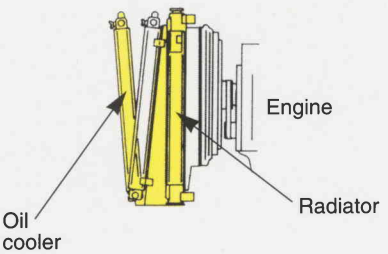
The ***Avance*** monitor is equipped with an onboard self-diagnostic system displayed through the time display. This diagnostic system can generate information for the following:

- Current operating conditions - engine speed, hydraulic main pump pressure, and electronic signals.
- Historical abnormalities - up to 20 deviations that have occurred in the last 999 hours.

If any abnormalities occur, the system will display a warning and in some cases an alarm will sound.

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 simplified 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.



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.

PC220LC-6 SPECIFICATIONS

PC220LC-6
HYDRAULIC EXCAVATOR

ENGINE

Model ..... Komatsu SA6D102-1
Type ..... 4 cycle, water-cooled, direct-injection
Aspiration ..... Turbocharged and aftercooled
No. of cylinders..... 6
Bore..... **4.02"** 102 mm
Stroke..... **4.72"** 120 mm
Piston displacement..... **359 in³** 5.88 ltr.
Rated Gross Horsepower:
174 HP 128 kW at **2300 RPM** (SAE J1349)
Flywheel horsepower:
158 HP 118 kW at **2300 RPM** (SAE J1349)
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 ..... up to **4,190 PSI** 295 kg/cm²
Hydraulic cylinders:
Number of cylinders – bore x stroke
Boom ..... 2 – **5.5" x 49.8"** 130 mm x 1285 mm
Arm..... 1 – **5.5" x 64.4"** 135 mm x 1490 mm
Bucket ... 1 – **5.1" x 40.2"** 115 mm x 1120 mm
Service valves maximum flow:
First valve..... **114 gpm** 430 ltr.
Second valve..... **57 gpm** 215 ltr.
Third valve..... **57 gpm** 215 ltr.

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

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

UNDERCARRIAGE

Center frame..... X-frame
Track frame..... Box-section type
Seal of track..... Sealed track
Track adjuster..... Hydraulic type
No. of shoes..... 51 each side
No. of carrier rollers ..... 2 each side
No. of track rollers..... 10 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 ..... **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 **19'2"** 5850 mm one-piece boom, **10'0"** 3000 mm arm, SAE heaped **1.25 yd³** 0.96 m³ back-hoe bucket, operator, lubricant, coolant, full fuel tank and the standard equipment.

Triple-grouser shoes	PC220LC-6	
	Operating weight	Ground pressure
23.6" 600 mm	**52,560 lb** 23840 kg	**6.83 PSI** 0.48 kg/cm²
27.6" 700 mm	**53,200 lb** 24130 kg	**5.97 PSI** 0.42 kg/cm²
31.5" 800 mm	**56,680 lb** 25710 kg	**5.40 PSI** 0.38 kg/cm²
Maximum Weight	**57,483 lb** 26074 kg	**5.48 PSI** 0.39 kg/cm²

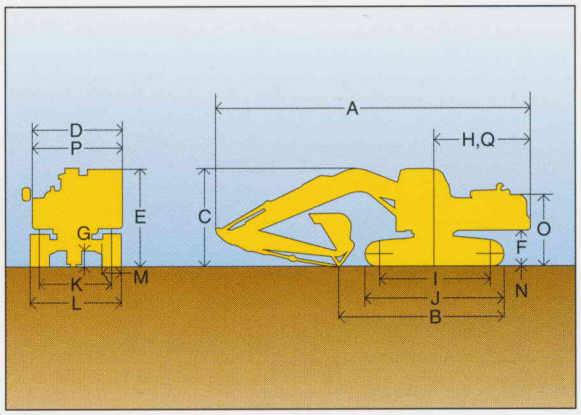
Maximum weight also includes: **19'2"** 5850 mm HD boom, **11'6"** 3500 mm arm, and **1.25 yd³** 0.96 m³ HD bucket.

Arm Length		Weight adjustments:	
6'7"	2000 mm	**(44) lb**	(20) kg
8'2"	2500 mm	**(110) lb**	(50) kg
11'6"	3500 mm	**238 lb**	108 kg
HD Boom **19'2"**	5850 mm	**88 lb**	40 kg

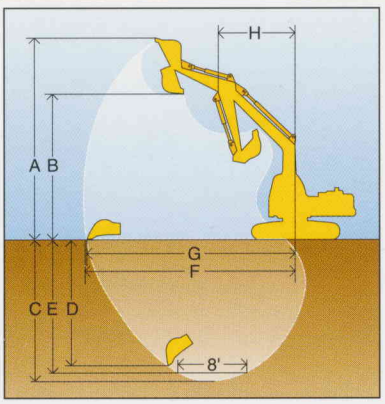
DIMENSIONS

		6'7" 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	32'1"	9780 mm	32'3"	9840 mm	32'1"	9780 mm	32'2"	9800 mm
B	Length on ground (transport)	21'8"	6610 mm	20'3"	6160 mm	17'8"	5390 mm	16'10"	5120 mm
C	Overall height (to top of boom)	10'3"	3125 mm	10'9"	3280 mm	10'4"	3160 mm	10'9"	3275 mm

		PC220LC-6	
D	Overall width	10'9"	3280 mm
E	Overall height (to top of cab)	9'6"	2905 mm
F	Ground clearance, counterweight	3'7"	1085 mm
G	Min. ground clearance	1'5"	440 mm
H	Tail swing radius	9'5"	2860 mm
I	Length of track on ground	12'7"	3830 mm
J	Track length	15'3"	4640 mm
K	Track gauge	8'6"	2580 mm
L	Width of crawler	10'9"	3280 mm
M	Shoe width	28"	700 mm
N	Grouser height	1"	26 mm
O	Machine cab height	6'8"	2020 mm
P	Upper structure width	8'11"	2710 mm
Q	Distance, swing center to rear end	9'4"	2850 mm



WORKING RANGE & BUCKET/ARM COMBINATION



		6'7" 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	29'9" 9070 mm	30'0" 9150 mm	30'9" 9380 mm	31'7" 9620 mm
B	Max. dumping height	20'1" 6120 mm	20'5" 6215 mm	21'5" 6515 mm	22'1" 6720 mm
C	Max. digging depth	18'9" 5720 mm	20'5" 6220 mm	22'3" 6770 mm	23'8" 7220 mm
D	Max. vertical wall digging depth	16'3" 4955 mm	17'11" 5455 mm	19'8" 6005 mm	21'2" 6455 mm
E	Max. digging depth of cut for 8' level	18'3" 5550 mm	20'3" 6170 mm	21'2" 6440 mm	23'8" 7210 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	29'10" 9090 mm	31'1" 9470 mm	32'10" 10000 mm	34'4" 10460 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

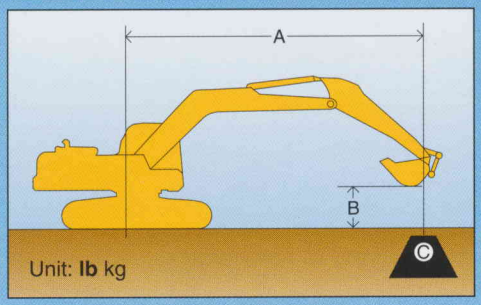
BUCKET TYPE	CAPACITY	WIDTH OUTSIDE LIP	WEIGHT	# TEETH	ARMS 6'7" 2.0 m	8'2" 2.5 m	10'0" 3.0 m	11'6" 3.5 m
ESCO STANDARD PLATE	0.75 yd³ 0.57 m³	24" 610 mm	1,429 lb 648 kg	4	○	○	○	○
	1.00 yd³ 0.76 m³	30" 762 mm	1,595 lb 723 kg	4	○	○	○	○
	1.25 yd³ 0.96 m³	36" 914 mm	1,757 lb 797 kg	5	○	○	○	□
	1.50 yd³ 1.15 m³	42" 1067 mm	1,921 lb 871 kg	5	○	○	□	X
	1.75 yd³ 1.34 m³	48" 1219 mm	2,050 lb 930 kg	5	○	□	△	X
ESCO HEAVY DUTY PLATE	0.75 yd³ 0.57 m³	24" 610 mm	1,803 lb 818 kg	3	○	○	○	○
	1.00 yd³ 0.76 m³	30" 762 mm	2,048 lb 929 kg	4	○	○	○	○
	1.25 yd³ 0.96 m³	36" 914 mm	2,234 lb 1013 kg	4	○	○	○	□
	1.50 yd³ 1.15 m³	42" 1067 mm	2,480 lb 1125 kg	5	○	○	□	X
	1.75 yd³ 1.34 m³	48" 1219 mm	2,668 lb 1210 kg	5	○	□	△	X
ESCO HEAVY DUTY CAST	0.62 yd³ 0.47 m³	24" 610 mm	1,763 lb 800 kg	3	○	○	○	○
	0.88 yd³ 0.67 m³	30" 762 mm	2,009 lb 911 kg	4	○	○	○	○
	1.00 yd³ 0.76 m³	33" 838 mm	2,128 lb 965 kg	4	○	○	○	□
	1.25 yd³ 0.96 m³	39" 991 mm	2,266 lb 1028 kg	4	○	○	○	□
ESCO DITCH CLEANING	1.25 yd³ 0.96 m³	60" 1524 mm	1,674 lb 759 kg	○	+	+	+	+
	1.50 yd³ 1.15 m³	72" 1829 mm	1,747 lb 792 kg	○	+	+	+	+

○ -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: **19'2"** 5850 mm
- Bucket: **1.25 yd³** 0.96 m³
- Shoes: **31.5"** 800 mm
- Lifting Mode

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

Arm: 6'7" 2000 mm — Unit: **lb** kg

A / B	5' 1.5 m Cf	5' 1.5 m Cs	10' 3.0 m Cf	10' 3.0 m Cs	15' 4.6 m Cf	15' 4.6 m Cs	20' 6.1 m Cf	20' 6.1 m Cs	25' 7.6 m Cf	25' 7.6 m Cs	⊠ MAX. Cf	⊠ MAX. Cs
25' 7.6 m											***10,700** *4850	***10,700** *4850
20' 6.1 m							***13,000** *5900	**12,600** 5700			***10,000** *4500	***10,000** *4500
15' 4.6 m					***16,800** *7650	***16,900** *7650	***14,600** *6600	**12,200** 5550	***10,100** *4550	**8,200** 3700	***9,900** *4600	**8,100** 3700
10' 3.0 m					***22,700** *10260	**18,200** 8250	***17,200** *7800	**11,600** 5250	**12,800** 5800	**8,000** 3600	***10,400** *4700	**7,900** 3300
5' 1.5 m					***27,800** *12600	**16,900** 7700	**18,000** 8150	**11,000** 5000	**12,500** 5700	**7,700** 3500	***11,300** *5150	**7,000** 3150
0' 0.0 m					**28,400** 12900	**16,400** 7400	**17,500** 7950	**10,500** 4800	**12,800** 5800	**7,600** 3400	**11,700** 5300	**7,200** 3250
–5' –1.5 m			***26,300** *11950	**26,300** 11950	**28,400** 12850	**16,300** 7400	**17,400** 7900	**10,600** 4760			**13,100** 5850	**8,000** 3600
–10' –3.0 m			***42,600** *19300	**33,900** 15400	**28,800** 13050	**16,600** 7550	**17,700** 8000	**10,700** 4850			**18,400** 7450	**10,000** 4550
–15' –4.6 m					***24,100** *10950	**17,500** 7950						

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.

Arm: 8'2" 2500 mm — Unit: **lb** kg

A / B	5' 1.5 m Cf	5' 1.5 m Cs	10' 3.0 m Cf	10' 3.0 m Cs	15' 4.6 m Cf	15' 4.6 m Cs	20' 6.1 m Cf	20' 6.1 m Cs	25' 7.6 m Cf	25' 7.6 m Cs	⊠ MAX. Cf	⊠ MAX. Cs
25' 7.6 m							***11,300** *5100	***11,300** *5100			***10,300** *4650	***10,300** *4650
20' 6.1 m							***11,600** *5250	***11,600** *5250			***9,700** *4400	**9,100** 4150
15' 4.6 m							***13,400** *6100	**12,600** 5700	***13,000** *5900	**8,400** 3850	***9,700** *4400	**7,600** 3450
10' 3.0 m					***20,800** *9450	**18,000** 8550	***16,200** *7350	**11,900** 5400	**13,000** 5900	**8,200** 3700	***10,200** *4650	**6,800** 3100
5' 1.5 m					***26,600** *12000	**17,500** 7950	**18,300** 8300	**11,300** 5100	**12,700** 5750	**7,900** 3600	**10,600** 4800	**6,600** 2950
0' 0.0 m					**28,900** 13100	**16,700** 7600	**17,800** 8050	**10,800** 4900	**12,800** 5650	**7,800** 3450	**10,900** 4950	**6,700** 3050
–5' –1.5 m			***25,400** *11500	***25,400** *11500	**28,300** 12950	**16,500** 7500	**17,600** 7950	**10,600** 4800	**12,400** 5600	**7,800** 3450	**12,000** 5450	**7,400** 3360
–10' –3.0 m	***27,300** *12400	***27,300** *12400	***41,200** *18700	**34,000** 15400	**28,800** 13060	**16,700** 7550	**17,600** 8000	**10,700** 4850			**14,600** 6600	**8,900** 4060
–15' –4.6 m			***39,000** *17700	**35,000** 15900	***26,900** *12200	**17,300** 7850					**21,600** 9800	**13,100** 5950

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.

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		MAX.	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
25' 7.6 m											*6,400 *2900	*6,400 *2900
20' 6.1 m									*8,600 *3900	*8,600 *3900	*6,100 *2750	*6,100 *2750
15' 4.6 m							*11,900 *5400	*11,900 *5400	*11,800 *5350	8,600 3900	*6,100 *2750	*6,100 *2750
10' 3.0 m			*28,800 *13050	*28,800 *13050	*18,500 *8400	*18,500 *8400	*14,900 *6750	12,100 5500	13,200 5950	8,300 3760	*6,400 *2900	6,100 2800
5' 1.5 m					*24,600 *11150	17,800 8150	*18,100 *8200	11,500 5200	12,800 5800	8,000 3600	*6,900 *3150	6,000 2700
0' 0.0 m			*15,900 *7200	*15,900 *7200	*28,000 *13150	17,000 7700	17,900 8100	10,900 4950	12,500 5650	7,700 3500	*7,900 *3550	6,000 2700
–5' –1.5 m	*14,000 *6350	*14,000 *6350	*23,400 *10600	*23,400 *10600	28,700 13000	16,600 7500	17,500 7950	10,600 4800	12300 5600	7,500 3400	*9,500 *4300	6,500 2950
–10' –3.0 m	*22,700 *10300	*22,700 *10300	*34,500 *15550	33,700 15300	28,700 13000	16,800 7600	17,500 7950	10,500 4800			12,600 5700	7,900 3600
–15' –4.6 m			*42,200 *19150	34,600 15700	*28,800 *13060	17,000 7700	17,900 8100	10,900 4950			17,100 7750	10,600 4750

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.

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' 7.6 m													*5,300 *2400	*5,300 *2400
20' 6.1 m									*8,700 *3950	*8,700 *3950			*5,000 *2300	*5,000 *2300
15' 4.6 m									*10,700 *4860	8,700 3950			*5,000 *2300	*5,000 *2300
10' 3.0 m					*16,300 *7400	*16,300 *7400	*13,600 *6150	12,300 5600	*12,300 *5600	8,400 3800	*7,100 *3250	5,900 2700	*5,300 *2400	*5,300 *2400
5' 1.5 m			*20,400 *9250	*20,400 *9250	*22,700 *10300	18,200 8250	*16,900 *7700	11,600 5250	12,800 5800	8,000 3650	*8,500 *3850	5,800 2600	*5,700 *2600	5,400 2450
0' 0.0 m			*17,500 *7950	*17,500 *7950	*27,700 *12550	17,100 7750	17,900 8150	10,900 4950	12,600 5650	7,700 3500	*7,700 *3500	5,600 2550	*6,500 *2950	5,500 2500
–5' –1.5 m	*13,100 *5950	*13,100 *5950	*22,700 *10300	*22,700 *10300	28,800 13000	16,800 7600	17,400 7900	10,500 4800	12,200 5550	7,500 3400			*7,800 *3560	5,800 2700
–10' –3.0 m	*20,400 *9250	*20,400 *9250	*31,500 *14300	*32,800 *14900	28,500 12900	16,400 7450	17,400 7900	10,500 4750	12,200 5550	7,400 3350			*10,100 *4600	6,900 3100
–15' –4.6 m	*29,500 *13400	*29,500 *13400	*44,200 *20050	34,000 15450	28,800 13100	16,700 7550	17,600 8000	10,700 4850					14,700 6650	9,000 4050

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.

STANDARD EQUIPMENT

- Air cleaner, double element
- Alternator, 30A
- Auto de-airation system for fuel line
- Auto-deceleration
- Auto engine warm-up
- Batteries, 2x12V/170Ah
- Boom holding valve
- Cab which includes: antenna; ashtray; cigarette lighter; floor mat; front windshield wiper and washer; 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, **10,440 lb** 4730 kg
- Dust proof net for radiator and oil cooler
- Electronic monitor
- Engine overheat prevention
- Fuel tank sight gauge protection
- Heater/defroster, **39,400 BTU** 9930 kcal
- Hinged oil cooler
- In-line filter
- Power maximizing system
- Pump/engine room partition cover
- Rear view mirror (RH & LH)
- Shoes, **27.6**" 700mm, Triple grouser
- Speed down system
- Starting Motor, 5.5 kW
- Swing/boom priority selection
- Turbocharger exhaust manifold cover
- Travel alarm
- Working mode selection

OPTIONAL EQUIPMENT

- Air conditioner with heater, **20,000 BTU** 5040 kcal, fresh air type, includes cool and hot box
- Arm holding valve
- Fuel refill pump
- Front window guard, full length
- 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
  - **6'7"** 2.0 m
  - **6'7"** 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
  - **11'6"** 3.5 m
  - **11'6"** 3.5 m with piping
- Boom, one piece
  - **19'2"** 5.85 m
  - **19'2"** 5.85 m, heavy-duty with piping
- Shoes, triple grouser
  - **23.6**" 600 mm
  - **31.5**" 800 mm

AESS409-01 C-5/96

KOMATSU
Komatsu America International Company

Printed in USA