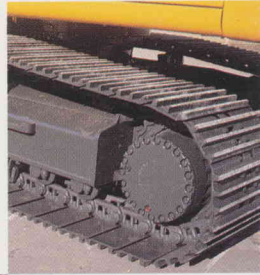


PC270LC-6

NET HORSEPOWER
130 kW 174 HP

OPERATING WEIGHT
28500 – 29500 kg
62,830 – 65,035 lb

KOMATSU®



PC270LC-6

HYDRAULIC EXCAVATOR
PC270LC-6

PC270LC-6 Hydraulic Excavator

WALK-AROUND

Komatsu distributors own the reputation of being the best in the world. Operate the PC270LC-6 and you'll know why. The PC270LC-6 combines the increased production and greater comfort with the reliability you've come to depend on. Combine these features with the outstanding resale value and you will know why over 90% of our customers gave an "excellent" rating for our excavator design and technology.

A 13'9" arm, allows the PC270 to boast the largest arm and best arm force in its class

Komatsu distributors offer a wide variety of attachments that take advantage of the PC270's exceptional versatility.

Large boom cylinders provide maximum lift capacity.

One-piece top and bottom plates for both the boom and arm provide maximum strength.

Cast steel is used for critical parts on both the boom and arm for increased durability.



PC270LC-6

HYDRAULIC EXCAVATOR

NET HORSEPOWER
130 kW 174 HP @ 2200 rpm

OPERATING WEIGHT
28500 – 29500 kg
62,830 – 65,035 lb

BUCKET CAPACITY
1.25 m³ 1.63 yd³



Advanced Monitor Features

- Self-diagnosis of 119 different problems.
- Five working modes as standard, including breaker mode for maximum productivity.
- Active mode for increased implement speed.

Increased swing torque is one of the many improvements and a distinguishing feature of the PC270LC-6.



Highest horsepower, at 174 HP, it is one of the most powerful in its class.

Three-speed motor provides smooth and efficient job site travel.

Windshield wiper

is mounted to the cab for better visibility and easier window opening.



Large undercarriage

uses the same components as the PC300 and is sealed for maximum durability.

PRODUCTIVITY FEATURES

Power, versatility, maneuverability, controllability—you name it. Never has there been an excavator so easy to operate, so natural, so intuitive, so responsive.

HydrauMind allows the load-sensing and pressure compensating valves to automatically adjust to individual work applications. Adjustments are sensed by the valves. Electronic controls maximize the engine horsepower so full horsepower is available at all times.

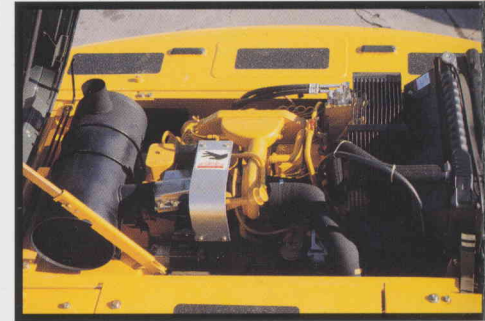
For example, when the ground condition changes while digging, you don't have to think about changing lever strokes because HydrauMind instantly, silently, and automatically sends just the right amount of oil to the actuators at just the right pressure to accommodate the change.

When you move the boom, arm, and bucket at the same time, all the equipment works naturally, with the optimum combination of speed and power as if it were a human hand.

HydrauMind also makes it easy to change or add valves and work equipment.

Engine

The new Komatsu SA6D102EA-1 meets emission regulations. New hydraulic pumps produce the same power at reduced engine speed. The new engine provides improved emissions without sacrificing valuable hydraulic power. Also, noise levels are reduced for improved operator comfort.



In-Line Filtration

The PC270LC-6 has a cool-running hydraulic system with the most extensive filtration system available. It uses a new high-performance filter glass for improved cleanliness and extended replacement interval. The wide variety of attachments available today means you put more stress on your excavator than ever before. Komatsu provides the extra protection for your machine by providing a high-pressure in-line filter as standard equipment.



Self-Diagnostic Monitor

Easy Operation

Self-Diagnostic System

The PC270LC-6 features the most advanced diagnostic system in the industry. Komatsu's exclusive system identifies 119 items, reduces diagnostic time, and helps you maintain maximum production.

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	<ul style="list-style-type: none"> Maximum production/power Fast cycle times Power up/speed down available
G/O	General	<ul style="list-style-type: none"> Good cycle times Good fuel economy Power up/speed down available
F/O	Finishing	<ul style="list-style-type: none"> Smooth finishing capability Arm in 1/2 speed
L/O	Lifting	<ul style="list-style-type: none"> Powerful lifting Power maximum pressure 100% of the time Reduced speed Precision control
B/O	Breaker Operations	<ul style="list-style-type: none"> Optimum engine rpm, hydraulic flow, and pressure

Power Up/Speed Down Switch*

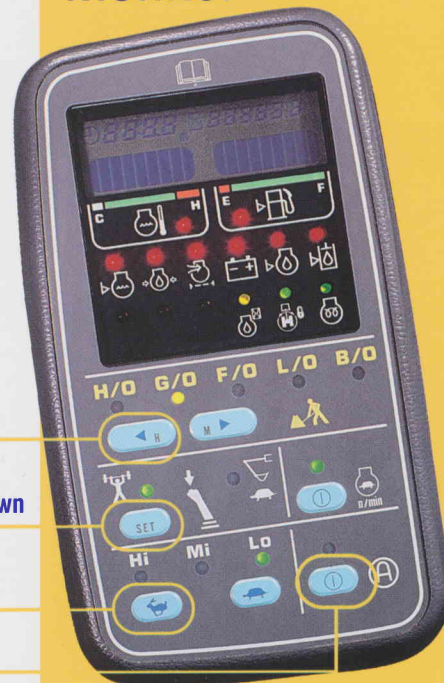
A button on top of the left joystick provides an instant burst of power at either full speed or half speed depending on the selection made on the monitor.

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.



Working Mode

Power Up/Speed Down

Travel Speeds

Active Mode

The Active mode increases engine speed, pump flow, and boom down speed to improve productivity up to 10%. Under light loads, equipment speed is faster. When under heavy loads it is possible to detect engine speed.

The LCD portion of the monitor has four different display modes that aid in identifying potential problems before they become major problems:

Four Diagnostic Modes

- 1 Time Display mode** is the default mode and shows the time and hour meter reading.
- 2 User Code Display mode** displays a trouble code and sounds an alarm when a problem has been detected.
- 3 Trouble Data Memory mode** monitors 32 separate items and stores up to 20 abnormalities over 999 hours for effective troubleshooting.
- 4 Operation Data mode** monitors 20 separate current operating conditions including system pressure and rpms to keep your machine operating at peak performance. *In addition, 44-bit patterns allow you to diagnose electrical connections.*

Together these modes allow you to troubleshoot 119 different problems to minimize downtime.

WORKING ENVIRONMENT

The Avance® cab interior is spacious and provides a comfortable working environment.

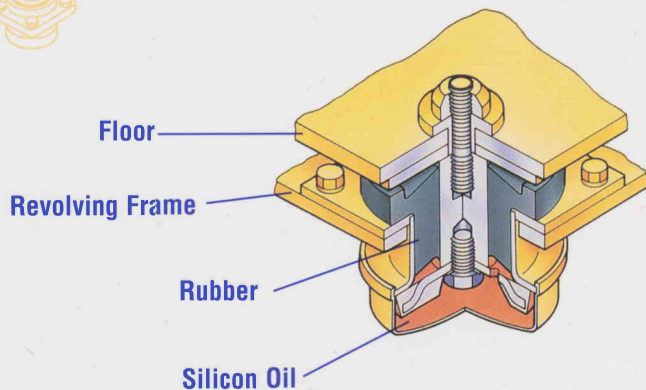
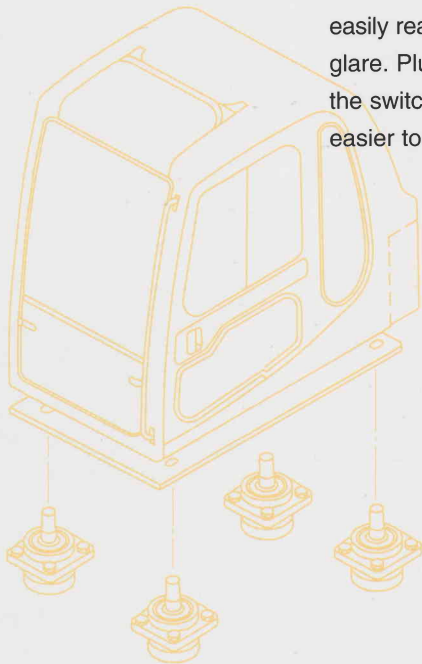


Multi-Position Controls

The multi-position, pressure proportional control levers allow the operator to work in comfort while maintaining precise control.

A double slide mechanism allows the seat and controllers to move together or independently, allowing the operator to position the controllers for maximum productivity and comfort.

The multi-position diagnostic monitor is easily reached and can be rotated to remove glare. Plus, the inclined dashboard makes the switches and fuel control dials easier to view and use.



Cab Mounts

The cab rests on viscous damping mounts to reduce vibration and noise from the machine body. Operator fatigue is reduced.

Noise

The noise levels at the operator's ear have been decreased by improving the cab mounts. In addition, a mixed-flow fan reduces fan speed and channels air around the engine, reducing noise.





1. ADJUSTABLE MONITOR
2. STARTER SWITCH
3. FUEL CONTROL DIAL
4. INCLINED DASHBOARD
5. ADJUSTABLE ARMRESTS
6. OPTIONAL AIR CONDITIONING
7. FULLY ADJUSTABLE SEAT
8. HOT / COLD STORAGE COMPARTMENTS
9. LOW EFFORT JOYSTICKS
10. OPERATOR WEIGHT ADJUSTMENT

SPECIFICATIONS



ENGINE

Model Komatsu SA6D102EA-1
 Type 4-cycle, water-cooled, direct injection
 Aspiration Turbocharged and aftercooled
 Number of cylinders 6
 Bore 102 mm **4.02"**
 Stroke 120 mm **4.72"**
 Piston displacement 5.88 ltr **359 in³**
 Flywheel horsepower 130 kW **174 HP** at 2200 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.
 Number 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 226 ltr/min **2 x 59 gpm**
 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 325 kg/cm² **4,620 psi**
 Travel circuit 355 kg/cm² **5,050 psi**
 Swing circuit 285 kg/cm² **4,050 psi**
 Pilot circuit 38 kg/cm² **540 psi**
 Service valve up to 280 kg/cm² **3,980 psi**
 Hydraulic cylinders:
 Number of cylinders – bore x stroke
 Boom 2 – 140 mm x 1294 mm **5.5" x 50.9"**
 Arm 1 – 150 mm x 1635 mm **5.9" x 64.4"**
 Bucket 1 – 140 mm x 1009 mm **5.5" x 39.7"**
 Service valves maximum flow:
 First valve 430 ltr/min **114 gpm**
 Second valve 215 ltr/min **57 gpm**
 Third valve 215 ltr/min **57 gpm**



DRIVES AND BRAKES

Steering control Two levers with pedals
 Drive method Fully hydrostatic
 Travel motor Axial piston motor, in-shoe design
 Reduction system Planetary double reduction
 Maximum drawbar pull 23000 kg **50,705 lb**
 Gradability 70%
 Maximum travel speed: High 5.3 km/h **3.3 mph**
 Mid 4.2 km/h **2.6 mph**
 Low 2.6 km/h **1.6 mph**
 Service brake Hydraulic lock
 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 rpm



UNDERCARRIAGE

Center frame X-frame
 Track frame Box-section
 Seal of track Sealed track
 Track adjuster Hydraulic
 Number of shoes 48 each side
 Number of carrier rollers 2 each side
 Number of track rollers 8 each side



COOLANT AND LUBRICANT CAPACITY (REFILLING)

Fuel tank 340 ltr **90 U.S. gal**
 Radiator 24.4 ltr **6.4 U.S. gal**
 Engine 24 ltr **6.34 U.S. gal**
 Final drive, each side 9.5 ltr **2.5 U.S. gal**
 Swing drive 5.5 ltr **1.5 U.S. gal**
 Hydraulic tank 166 ltr **43.9 U.S. gal**



OPERATING WEIGHT (APPROXIMATE)

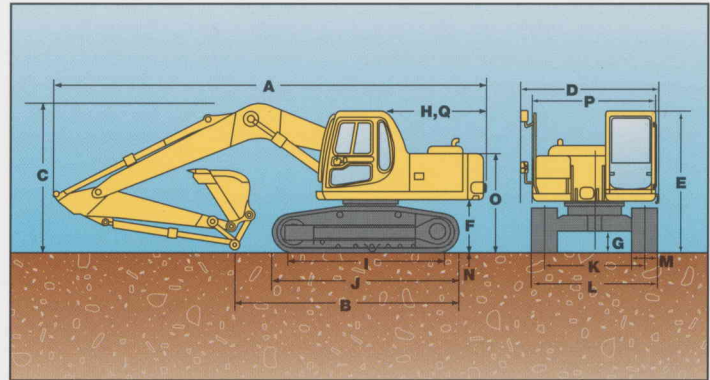
Operating weight, including 5850 mm **19'2"** one-piece boom, 3500 mm **11'6"** arm, SAE heaped 1.25 m³ **1.63 yd³** backhoe bucket, operator, lubricant, coolant, full fuel tank, and the standard equipment.

Triple-Grouser Shoes	Operating Weight	Ground Pressure
A 600 mm 23.6"	28500 kg 62,830 lb	0.59 kg/cm ² 8.40 psi
B 700 mm 27.6"	28850 kg 63,602 lb	0.51 kg/cm ² 7.25 psi
C 800 mm 31.5"	29200 kg 64,374 lb	0.45 kg/cm ² 6.40 psi
Maximum Weight	29500 kg 65,035 lb	0.41 kg/cm ² 5.83 psi

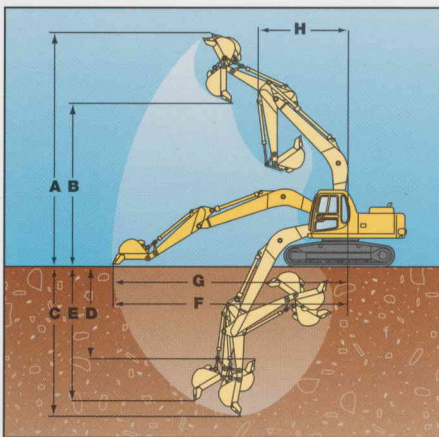


DIMENSIONS

	Arm	2.5 m	8'2"	3.0 m	10'0"	3.5 m	11'6"	4.2 m	13'9"
A	Overall length	9840 mm	32'3"	9782 mm	32'0"	9798 mm	32'1"	9782 mm	32'1"
B	Length on ground (transport)	6340 mm	20'8"	5549 mm	18'2"	5156 mm	16'9"	4030 mm	13'2"
C	Overall height (to top of boom)	3310 mm	10'9"	3190 mm	10'5"	3262 mm	10'7"	3730 mm	12'2"
D	Overall width	3290 mm	10'10"						
E	Overall height (to top of cab)	3020 mm	9'9"						
F	Ground clearance, counterweight	1205 mm	3'10"						
G	Minimum ground clearance	500 mm	1'6"						
H	Tail swing radius	2860 mm	9'4"						
I	Length of track on ground	4030 mm	13'2"						
J	Track length	4955 mm	16'3"						
K	Track gauge	2590 mm	8'5"						
L	Width of crawler	3290 mm	10'8"						
M	Shoe width	700 mm	27.6"						
N	Grouser height	36 mm	1"						
O	Machine cab height	2140 mm	7'0"						
P	Upper structure width	2710 mm	8'9"						
Q	Distance, swing center to rear end	2850 mm	9'4"						



WORKING RANGE AND BUCKET/ARM COMBINATION



	Arm	2.5 m	8'2"	3.0 m	10'0"	3.5 m	11'6"	4.2 m	13'9"
A	Max. digging height	9376 mm	30'8"	9715 mm	31'9"	9850 mm	32'3"	10394 mm	34'1"
B	Max. dumping height	6526 mm	21'4"	6818 mm	22'4"	6976 mm	22'9"	7481 mm	24'5"
C	Max. digging depth	5903 mm	19'4"	6448 mm	21'2"	6902 mm	22'7"	7601 mm	24'9"
D	Max. vertical wall digging depth	5352 mm	17'6"	5794 mm	19'0"	6280 mm	20'6"	6505 mm	21'3"
E	Max. digging depth of cut for 8' level	5697 mm	18'7"	6270 mm	21'0"	6740 mm	22'1"	7475 mm	24'5"
F	Max. digging reach	9565 mm	31'4"	10087 mm	33'0"	10490 mm	34'4"	11309 mm	37'1"
G	Max. digging reach at ground	9376 mm	30'8"	9907 mm	32'5"	10317 mm	33'8"	11147 mm	36'6"
H	Min. swing radius	3580 mm	11'7"	3492 mm	11'5"	3542 mm	11'6"	3390 mm	11'1"
	Bucket digging force*	18800 kg 41,446 lb		18800 kg 41,446 lb		18800 kg 41,446 lb		18800 kg 41,446 lb	
	Arm crowd force*	16200 kg 35,714 lb		14100 kg 31,084 lb		12200 kg 26,896 lb		10600 kg 23,372 lb	

*at power max



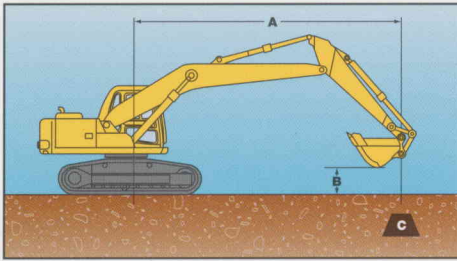
BACKHOE BUCKET AND ARM COMBINATION

Bucket	Capacity	Width Outside Lip		Weight		Number of Teeth	Arm				
							2.5 m	3.0 m	3.5 m	4.2 m	
						8'2"	10'0"	11'6"	13'9"		
Esco Standard Plate	0.76 m ³	1.00 yd ³	762 mm	30"	752 kg	1,688 lb	4	○	○	○	○
	1.06 m ³	1.38 yd ³	914 mm	36"	827 kg	1,854 lb	5	○	○	○	▲
	1.25 m ³	1.63 yd ³	1067 mm	42"	904 kg	2,029 lb	5	○	□	▲	X
	1.53 m ³	2.00 yd ³	1219 mm	48"	964 kg	2,162 lb	5	□	▲	X	X
Esco Heavy-duty Plate	0.76 m ³	1.00 yd ³	762 mm	30"	982 kg	2,173 lb	4	○	○	○	○
	1.06 m ³	1.38 yd ³	914 mm	36"	1075 kg	2,378 lb	4	○	○	○	▲
	1.25 m ³	1.63 yd ³	1067 mm	42"	1193 kg	2,640 lb	5	□	□	▲	X
	1.53 m ³	2.00 yd ³	1219 mm	48"	1286 kg	2,845 lb	5	▲	▲	X	X
Esco Heavy-duty Cast	0.76 m ³	1.00 yd ³	762 mm	30"	970 kg	2,254 lb	4	○	○	○	○
	1.06 m ³	1.38 yd ³	991 mm	39"	1092 kg	2,598 lb	5	○	○	○	X
	1.24 m ³	1.62 yd ³	1143 mm	45"	1238 kg	2,797 lb	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



LIFTING CAPACITY



Equipment:

- Boom: 5850 mm **19'2"**
- Bucket: 1.25 m³ **1.63 yd³**
- Shoes: 800 mm **31.5"**
- 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: 2500 mm 8'2"												Unit: kg lb	
B	A 1.5 m 5'		3.0 m 10'		4.6 m 15'		6.1 m 20'		7.6 m 25'		⊗ Maximum		
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
7.5 m 25'							*5750 *12,700	*5750 *12,700			*5100 *11,300	*5100 *11,300	
6.1 m 20'							*7100 *15,700	6900 15,200			*4850 *10,700	*4850 *10,700	
4.6 m 15'							*7850 *17,300	6750 14,900	*7000 *15,400	4650 10,200	*4850 *10,700	4150 9,200	
3.0 m 10'					*11650 *25,700	9950 22,000	*9000 *19,800	6450 14,200	7250 6,000	4500 10,000	*5150 *11,300	3800 8,400	
1.5 m 5'					*13650 *30,100	9400 20,700	*10000 *22,100	6150 13,600	7100 15,700	4400 9,700	*5600 *12,400	3650 8,100	
0.0 m 0'					*14550 *32,100	9050 20,000	9850 21,700	5900 13,000	7000 15,400	4300 9,500	6150 13,500	3750 8,300	
-1.6 m -5'			*13100 *28,900	*13100 *28,900	*14350 *31,600	8950 19,800	9750 21,400	5800 12,800	6950 15,400	4250 9,400	6750 14,800	4100 9,100	
-3.0 m -10'			*18400 *40,500	*18400 *40,500	*13050 *28,800	9050 20,000	*9700 *21,400	5900 13,000			*8050 *17,800	4950 10,900	
-4.6 m -15'					*9750 *21,500	9350 20,600					*7850 *17,300	7300 16,100	

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: 3050 mm 10'0"												Unit: kg lb	
B	A 1.5 m 5'		3.0 m 10'		4.6 m 15'		6.1 m 20'		7.6 m 25'		⊗ Maximum		
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
7.5 m 25'											*3200 *7,100	*3200 *7,100	
6.1 m 20'									*4400 *9,700	*4400 *9,700	*3050 *6,700	*3050 *6,700	
4.6 m 15'							*7200 *15,800	6800 15,000	*6050 *13,300	4700 10,300	*3050 *6,700	*3050 *6,700	
3.0 m 10'			*17250 *38,000	*17250 *38,000	*10750 *23,700	*10200 *22,500	*8400 *18,600	6500 14,400	*7200 *15,900	4550 10,000	*3200 *7,100	*3200 *7,100	
1.5 m 5'					*13000 *28,700	9550 21,000	*9600 *21,100	6200 13,700	7150 15,700	4400 9,700	*3500 *7,700	*3300 *7,300	
0.0 m 0'			*8200 *18,100	*8200 *18,100	*14300 *31,500	9100 20,100	9900 21,800	5950 13,200	7000 15,400	4250 9,400	*3950 *8,700	3350 7,400	
-1.6 m -5'	*7400 *16,400	*7400 *16,400	*12100 *26,600	*12100 *26,600	*14500 *32,000	8950 19,700	9700 21,400	5750 12,700	6900 15,200	4200 9,300	*4750 *10,500	3650 8,000	
-3.0 m -10'	*11850 *26,100	*11850 *26,100	*17700 *39,000	*17700 *39,000	*13650 *30,100	8950 19,800	9750 21,500	5850 12,900			*6250 *13,800	4250 9,400	
-4.6 m -15'			*15850 *35,000	*15850 *35,000	*11200 *24,700	9150 20,200	*7850 *17,300	6000 13,200			*7550 *16,600	5800 12,800	

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: 3500 mm 11'6"											Unit: kg lb		
B	A	1.5 m 5'		3.0 m 10'		4.6 m 15'		6.1 m 20'		7.6 m 25'		⊗ Maximum	
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.5 m 25'												*2650 *5,900	*2650 *5,900
6.1 m 20'									*4400 *9,700	*4400 *9,700	*2550 *5,600	*2550 *5,600	
4.6 m 15'							*6250 *13,800	*6250 *13,800	*5500 *12,100	4700 10,400	*2550 *5,600	*2550 *5,600	
3.0 m 10'			*15000 *33,100	*15000 *33,100	*9850 *21,700	*9850 *21,700	*7900 *17,400	6550 14,500	*6800 *15,000	4550 10,100	*2650 *5,900	*2650 *5,900	
1.5 m 5'			*9950 *21,900	9950 21,900	*12,300 *27,100	9650 21,300	*9150 *20,200	6200 13,700	*7150 *15,700	4400 9,700	*2900 *6,400	*2900 *6,400	
0.0 m 0'			*8950 *19,800	*8950 *19,800	*13900 *30,700	9150 20,100	*9900 *21,600	5950 13,100	6950 15,400	4250 9,400	*3300 *7,200	3100 6,800	
-1.6 m -5'	*6950 *15,300	*6950 *15,300	*11700 *25,800	*11700 *25,800	*14450 *31,900	8900 19,600	9650 21,300	5750 12,600	6850 15,100	4150 9,100	*3900 *8,600	3300 7,300	
-3.0 m -10'	*10650 *23,500	*10650 *23,500	*16150 *35,600	*16150 *35,600	*13950 *30,800	8850 19,500	9650 21,200	5700 12,600			*5000 *11,100	3800 8,400	
-4.6 m -15'			*17400 *38,400	*17400 *38,400	*12,000 *26,500	9000 19,800	*8750 *19,300	5850 12,900			*7300 *16,100	5000 11,100	

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: 4200 mm 13'9"											Unit: kg lb		
B	A	1.5 m 5'		3.0 m 10'		4.6 m 15'		6.1 m 20'		7.6 m 25'		⊗ Maximum	
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.5 m 25'										*3450 *7,700	*3450 *7,700	*2100 *4,600	*2100 *4,600
6.1 m 20'									*4100 *9,000	*4100 *9,000	*2000 *4,400	*2000 *4,400	
4.6 m 15'									*4700 *10,300	*4700 *10,300	*2000 *4,400	*2000 *4,400	
3.0 m 10'							*6600 *14,500	*6600 *14,500	*5800 *12,700	4650 10,200	*2100 *4,600	*2100 *4,600	
1.5 m 5'			*17250 *38,000	*17250 *38,000	*11,100 *24,500	9850 21,800	*8450 *18,600	6300 13,900	*7000 *15,500	4450 9,800	*2200 *4,900	*2200 *4,900	
0.0 m 0'			*9600 *21,200	*9600 *21,200	*13150 *28,900	9200 20,300	*9600 *21,200	5950 13,200	7000 15,400	4250 9,400	*2450 *5,500	*2450 *5,500	
-1.6 m -5'	*5850 *12,900	*5850 *12,900	*10800 *23,800	*10800 *23,800	*14150 *31,200	8800 19,400	*9700 *21,300	5750 12,700	6850 15,100	4100 9,100	*2850 *6,300	*2850 *6,300	
-3.0 m -10'	*8850 *19,500	*8850 *19,500	*14000 *30,900	*14000 *30,900	*14150 *31,200	8700 19,200	9500 21,100	5600 12,300	6750 14,900	4050 8,900	*3500 *7,800	*3200 *7,100	
-4.6 m -15'	*12850 *28,300	*12850 *28,300	*19300 *42,600	*18500 *40,800	*12950 *28,600	8750 19,300	*9550 *21,100	*5650 *12,500	*6650 *14,700	4100 9,100	*4850 *10,700	3950 8,800	

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

ENGINE AND ITS RELATED ITEMS:

- Engine, Komatsu SA6D102EA-1, turbocharged and aftercooled, direct injection, emission certified, diesel
- Net horsepower 130 kW **174 HP** @ 2200 rpm
- Air cleaner, cooling fan, suction, plastic blade, mixed flow, with fan guard

ELECTRICAL SYSTEM:

- Alternator, 50 ampere/24V
- Batteries, 170 Ah/2 x 12V
- Light, one front (RH)
- Starting motor, 5.5 kW

UNDERCARRIAGE:

- 700 mm **27.6"** triple grouser shoes
- 8 track/2 carrier rollers (each side)
- Hydraulic track adjusters (each side)
- Tracking guard (each side)

GUARDS AND COVERS:

- Dust proof net for radiator and oil cooler
- Low noise machine cover
- Pump/engine room partition cover
- Revolving frame under cover
- Turbocharger exhaust manifold cover

OPERATOR ENVIRONMENT:

- Cab, steel, sound suppression, includes:
 - AM/FM radio
 - Antenna
 - Ceiling hatch
 - Cigarette lighter and ashtray
 - Handrails for machine cab

- Heater and defroster
- Horns
- Floor mat
- Pull-up front window with lock device
- Removable lower windshield
- Rearview mirror, RH and LH
- Seat, adjustable suspension, double slide mechanism
- Seat belt, **3"**
- Sliding window
- Storage box
- Tinted safety glass
- Windshield washer and wiper (with intermittent feature)

MONITORING SYSTEM, ELECTRONIC DISPLAY ITEMS:

- Instrument panel with electrically controlled engine throttle control dial, electric service meter, clock, gauges, caution lights, indicator lights, level check lights, self diagnostic system with trouble data memory

HYDRAULIC CONTROLS:

- HydraMind system, full hydrostatic with closed center load sensing, (CLSS) and engine sensing
 - Active mode
 - Auto-deceleration system
 - Automatic engine warm-up system
 - Engine overheat protection system
 - Power maximizing system
 - Swift slow down system

- Swing/boom priority selection system
- Working mode selection system
- Axial piston motors for swing and travel
- Boom holding valve
- Control levers, adjustable wrist for boom, arm, bucket, and swing
- Control levers and pedals for steering and travel with PPC system
- Gear pump for control circuit
- Hinged oil cooler, swing-out
- In-line filter
- Spool control valves for boom, arm, bucket, swing, travel (R and L)
- Variable capacity piston pumps

DRIVE AND BRAKE SYSTEM:

- Brakes, hydraulic lock, oil disc parking, and swing holding brake
- Hydrostatic, three travel speeds with auto-shift and planetary double reduction type final drive

OTHER STANDARD EQUIPMENT:

- Automatic deaeration system for fuel line
- Automatic swing holding brake
- Corrosion resister
- Counterweight, 4880 kg **10,760 lb**
- Horn, electric
- Marks and plates, English
- Paint, Komatsu standard
- Travel alarm
- Vandalism protection locks



OPTIONAL EQUIPMENT

- Air conditioner/heater unit
- Arms, 2.5 m **8'2"**, 3.0 m **10'0"**, 3.5 m **11'6"**, 4.2 m **13'9"** with or without actuator piping
- Arm holding valve
- Boom, 5.85 m **19'2"**
- HD boom, 5.85 m **19'2"**
- HD boom with actuator piping, 5.85 m **19'2"**
- Boom cylinders only
- Triple grouser shoes, 600 mm **23.6"**, 800 mm **31.5"**
- Hydraulic control units
- Hydraulic quick coupler
- Revolving frame under cover, strengthened
- Track roller guards, full length
- Under cover for track frame center

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