

PC400LC-6
WITH SA6D125E-2
STANDARD AND VARIABLE GAUGE

NET HORSEPOWER

228 kW **306 HP**

OPERATING WEIGHT

42705 – 45140 kg

94,147 – 99,517 lb

KOMATSU®



PC400LC-6

HYDRAULIC EXCAVATOR®

PC400LC-6 Hydraulic Excavator

WALK-AROUND

Since its original introduction, the PC400 has set new standards for productivity and control. The PC400LC-6 introduces several new features to provide the operator with a faster, quieter, and easier-to-service machine. Combine these features with outstanding resale value, and you will know why over 90% of our customers gave an “excellent” rating for our excavator design and technology.

High pressure hydraulic system helps provide fast cycle times.

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

Cushioned cylinders minimize shock.

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

Komatsu distributors offer a wide variety of attachments that take advantage of the PC400's exceptional versatility.





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.

Large boom cylinders provide maximum lift capacity.

Protected Hydraulic Circuit

The cool-running hydraulic system is protected with the most extensive filtration system available, including a high pressure in-line filter.

Comfortable Cab Komatsu's low-noise cab design uses viscous cab mounts for reduced noise and vibration.

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

Emissionized engine, at 228 kW **306 HP**, it is one of the most powerful in its class.

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

Large undercarriage is sealed for maximum durability.



NET HORSEPOWER
228 kW **306 HP** @ 2050 rpm

OPERATING WEIGHT
42705 – 45140 kg
94,147 – 99,517 lb

BUCKET CAPACITY
1.25 – 2.29 m³
1.63 – 3.00 yd³

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 SA6D125E-2 meets emission regulations, including CARB. New hydraulic pumps produce the same power as in the previous model 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 PC400 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.



Easy Operation

Self-Diagnostic System

The PC400 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	- Maximum 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 ½ speed
L/O	Lifting	- Powerful lifting - Power maximum 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 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 ½. 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.

Self-Diagnostic Monitor



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 7%. 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.

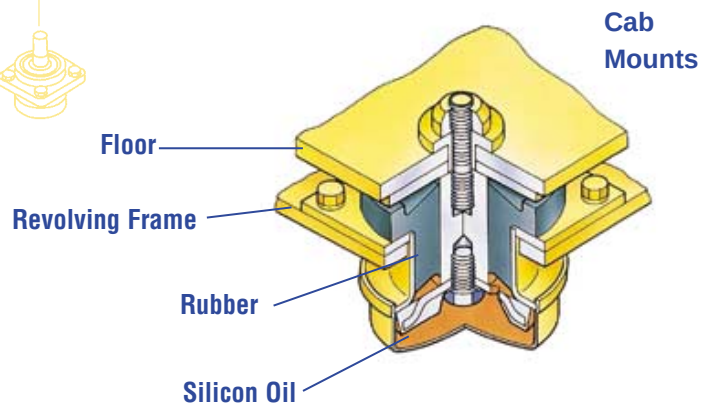
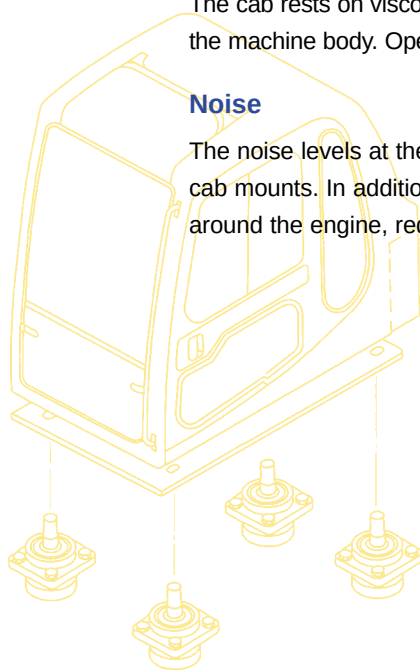
The multi-position diagnostic monitor is easily reached and can be rotated to remove glare. Plus, the inclined dashboard makes the switches and fuel control dials easier to view and use.

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 ADJUST-
ABLE SEAT
8. HOT / COLD
STORAGE
COMPARTMENTS
9. LOW EFFORT
JOYSTICKS
10. OPERATOR
WEIGHT
ADJUSTMENT

PC400LC-6

SPECIFICATIONS



ENGINE

Model Komatsu SA6D125E-2
 Type 4-cycle, water-cooled, direct injection
 Aspiration Turbocharged and aftercooled
 Number of cylinders 6
 Bore 125 mm **4.92"**
 Stroke 150 mm **5.91"**
 Piston displacement 11.04 ltr **674 in³**
 Rated gross horsepower 238.6 kW **320 HP at 2050 rpm**
 (SAE J1349)
 Flywheel horsepower 228 kW **306 HP at 2050 rpm**
 (SAE J1349)
 Governor All-speed, mechanical
 Meets 1996 EPA emission standards.



HYDRAULIC SYSTEM

Type HydrauMind system, a 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 652 ltr **2 x 86 U.S. gal/min**
 Hydraulic motors:
 Travel 2 x axial piston motor with parking brake
 Swing 1 x axial piston motor
 Relief valve setting:
 Implement circuits 355 kg/cm² **5,050 psi**
 Travel circuit 355 kg/cm² **5,050 psi**
 Swing circuit 285 kg/cm² **4,050 psi**
 Pilot circuit 30 kg/cm² **430 psi**
 Service valve 210 kg/cm² **2,990 psi**

Hydraulic cylinders:
 Number of cylinders – bore x stroke
 Boom 2 – 160 mm x 1570 mm **6.3" x 61.8"**
 Arm 1 – 185 mm x 1820 mm **7.3" x 71.7"**
 Bucket 1 – 160 mm x 1270 mm **6.3" x 50.0"**

Service valves maximum flow:
 First valve 480 ltr **126.8 U.S. gal/min**
 Second valve 240 ltr **63.4 U.S. gal/min**
 Third valve 240 ltr **63.4 U.S. gal/min**



DRIVES AND BRAKES

Steering control Two levers with pedals
 Drive method Fully hydrostatic
 Travel motor Axial piston motor, in-shoe
 Maximum drawbar pull 33700 kg **74,300 lb**
 Maximum travel speed: High 5.5 km/h **3.4 mph**
 Mid 4.5 km/h **2.8 mph**
 Low 3.2 km/h **2.0 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
 Swing speed 9.3 rpm



UNDERCARRIAGE

Center frame X-frame
 Track frame Box-section
 Seal of track Sealed track
 Track adjuster Hydraulic
 Number of shoes 49 per side
 Number of carrier rollers 2 per side
 Number of track rollers 8 per side



COOLANT AND LUBRICANT CAPACITY (REFILLING)

Fuel tank 605 ltr **160.0 U.S. gal**
 Radiator 47.0 ltr **12.4 U.S. gal**
 Engine 32.0 ltr **8.5 U.S. gal**
 Final drive, each side 11.5 ltr **3.0 U.S. gal**
 Swing drive 21.5 ltr **5.7 U.S. gal**
 Hydraulic tank 270 ltr **71.3 U.S. gal**



OPERATING WEIGHT

Operating weight, including 7060 mm **23'2"** one-piece boom, 3380 mm **11'1"** arm, SAE heaped 1.82 m³ **2.38 yd³** backhoe bucket, operator, lubricant, coolant, full fuel tank, and the standard equipment.

Triple-Grouser Shoes	Operating Weight	Ground Pressure
600 mm 24"	42704 kg 94,147 lb	0.77 kg/cm ² 10.95 psi
700 mm 28"	42600 kg 95,147 lb	0.66 kg/cm ² 9.36 psi
800 mm 31.5"	43607 kg 96,137 lb	0.59 kg/cm ² 8.36 psi
900 mm 35.5"	44110 kg 97,245 lb	0.53 kg/cm ² 7.49 psi
Maximum Weight	44792 kg 98,749 lb	0.54 kg/cm ² 7.61 psi

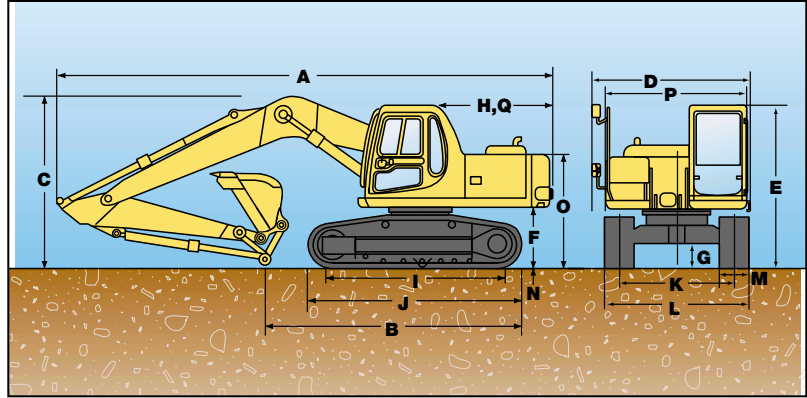
Maximum operating weight also includes: 4800 mm **15'9"** arm, and 1.82 m³ **2.38 yd³** heavy-duty bucket.

Arm Length	Weight Adjustments
2400 mm 7'10"	-167 kg -368 lb
2900 mm 9'6"	-49 kg -108 lb
4000 mm 13'1"	+240 kg +529 lb
4800 mm 15'9"	+372 kg +820 lb

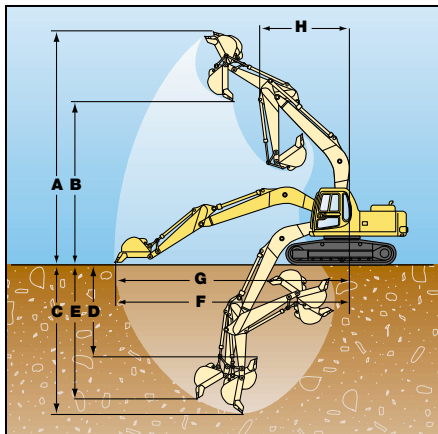


DIMENSIONS WITH STANDARD UNDERCARRIAGE

	Arm	2400 mm	7'10"	2900 mm	9'6"	3380 mm	11'1"	4000 mm	13'1"	4800 mm	15'9"
A	Overall length	11915 mm	39'1"	11885 mm	39'0"	11835 mm	38'10"	11850 mm	38'11"	11685 mm	38'4"
B	Overall length (transport)	8435 mm	27'8"	7425 mm	24'4"	6685 mm	21'11"	6220 mm	20'5"	6025 mm	19'9"
C	Overall height (to top of boom)	3715 mm	12'2"	3730 mm	12'3"	3635 mm	11'11"	3795 mm	12'5"	4385 mm	14'5"
D	Overall width	3440 mm	11'3"								
E	Overall height (to top of cab)	3265 mm	10'9"								
F	Ground clearance, counterweight	1320 mm	4'4"								
G	Ground clearance (minimum)	555 mm	1'10"								
H	Tail swing radius	3500 mm	11'6"								
I	Track length on ground	4350 mm	14'3"								
J	Track length	5355 mm	17'7"								
K	Track gauge	2740 mm	9'0"								
L	Width of crawler	3440 mm	11'3"								
M	Shoe width	700 mm	28"								
N	Grouser height	37 mm	1.5"								
O	Machine cab height	2715 mm	8'11"								
P	Upper structure width	2995 mm	9'10"								
Q	Distance, swing center to rear end	3500 mm	11'6"								



WORKING RANGE AND BUCKET/ARM COMBINATION WITH STANDARD UNDERCARRIAGE



		2400	7'10"	2900	9'6"	3380	11'1"	4000	13'1"	4800	15'9"
A	Max. digging height	10295	33'9"	10305	33'10"	10920	35'10"	11045	36'3"	11505	37'9"
B	Max. dumping height	7055	23'2"	7095	23'3"	7570	24'10"	7725	25'4"	8155	26'9"
C	Max. digging depth	6785	22'3"	7285	23'11"	7760	25'6"	8385	27'6"	9195	30'2"
D	Max. vertical wall digging depth	5335	17'6"	5680	18'8"	6850	22'6"	7280	23'11"	8215	26'11"
E	Max. digging depth of cut for 8' level	6585	21'7"	7095	23'3"	7620	25'0"	8255	27'1"	9080	29'9"
F	Max. digging reach	11055	36'3"	11435	37'6"	12020	39'5"	12550	41'2"	13350	43'10"
G	Max. digging reach at ground level	10830	35'6"	11220	36'10"	11810	38'9"	12355	40'6"	13165	43'2"
H	Min. swing radius	4855	15'11"	4825	15'10"	4770	15'8"	4800	15'9"	4885	16'0"
Bucket digging force*		22800 kg		22700 kg		22900 kg		22700 kg		22600 kg	
		50,260 lb		50,040 lb		50,490 lb		50,040 lb		49,820 lb	
Arm crowd force*		26200 kg		23200 kg		19600 kg		17600 kg		15400 kg	
		57,760 lb		51,150 lb		43,210 lb		38,800 lb		33,950 lb	

*at power max



BACKHOE BUCKET AND ARM COMBINATION

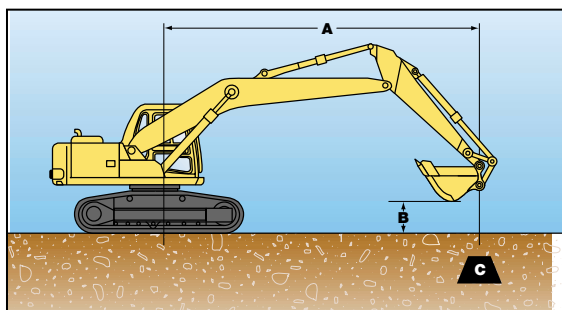
Bucket Type	Bucket							Arms				
	Capacity	OLW	Weight	Number of Teeth	Tooth Size	7'10"	9'6"	11'1"	13'1"	15'9"		
Komatsu "H" Series SD	1.37 m ³	1.79 yd ³	762 mm 36"	1585 kg 3,494 lb	4	X370	V	V	V	V	V	V
	1.67 m ³	2.18 yd ³	914 mm 42"	1761 kg 3,882 lb	4	X370	V	V	V	V	X	X
	1.97 m ³	2.57 yd ³	1067 mm 48"	1891 kg 4,169 lb	5	X370	V	V	W	X	Y	Y
	2.27 m ³	2.97 yd ³	1219 mm 54"	2050 kg 4,520 lb	5	X370	V	W	X	Y	Z	Z
Komatsu "H" Series HD	2.58 m ³	3.37 yd ³	1372 mm 60"	2182 kg 4,810 lb	6	X370	W	X	Y	Y	Z	Z
	1.39 m ³	1.82 yd ³	762 mm 36"	1533 kg 3,379 lb	4	X370AP	V	V	V	V	V	V
	1.69 m ³	2.21 yd ³	914 mm 42"	1700 kg 3,748 lb	4	X370AP	V	V	V	V	V	X
	2.00 m ³	2.61 yd ³	1067 mm 48"	1789 kg 3,945 lb	5	X370AP	V	V	W	X	Y	Y
	2.30 m ³	3.01 yd ³	1219 mm 54"	1935 kg 4,267 lb	5	X370AP	V	W	X	Y	Z	Z
	2.61 m ³	3.41 yd ³	1372 mm 60"	2051 kg 4,522 lb	6	X370AP	W	X	Y	Y	Z	Z

V – Used with weights up to 3,500 lb/yd³, W – Used with weights up to 3,000 lb/yd³

X – Used with weights up to 2,500 lb/yd³, Y – Used with weights up to 2,000 lb/yd³, Z – Not useable



PC400LC-6 LIFTING CAPACITY WITH STANDARD UNDERCARRIAGE



Equipment:

- Boom: 7060 mm **23'2"**
- Bucket: 1.8 m³ **2.38 yd³**
- Shoes: 900 mm **35.4"**
- 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: 2400 mm 7'10"														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'		9.1 m 30'		⊗ Maximum	
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.6 m 25'										*9800 *21,600	8550 18,800			*9700 *21,400	8050 17,800
6.1 m 20'										*10150 *22,300	8400 18,500			*9600 *20,900	6550 14,400
4.6 m 15'						*17500 *38,700	*17550 *38,700	*13200 *29,100	11600 25,500	*10850 *24,000	8100 17,800	*9500 *21,000	5850 12,900	*9450 *20,800	5700 12,600
3.0 m 10'								*14800 *32,600	10800 23,800	*11700 *25,800	7700 17,000	9650 21,300	5700 12,600	9000 19,900	5300 11,700
1.5 m 5'								*15850 *34,900	10200 22,500	*12300 *27,100	7350 16,200	9500 20,900	5500 12,200	8850 19,500	5150 11,400
0.0 m 0'						*19950 *44,000	15300 33,700	*16000 *35,300	9900 21,800	12400 27,400	7150 15,700	9350 20,600	5400 11,900	9100 20,100	5300 11,600
-1.5 m -5'						*19700 *43,400	15400 33,900	*15300 *33,800	9850 21,700	*1200 *26,400	7050 15,600			*9850 *21,700	5750 12,700
-3.0 m -10'				*20350 *44,900	*20350 *44,900	*17200 *37,900	15700 34,600	*13650 *30,100	9950 22,000	*10500 *23,100	7150 15,800			*9750 *21,600	6750 14,900
-4.6 m -15'						*13250 *29,200	*13250 *29,200	*10400 *23,000	10300 22,800					*9150 *20,100	9050 19,900

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: 2900 mm 9'6"														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'		9.1 m 30'		⊗ Maximum	
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.6 m 25'										*9100 *20,000	8650 19,100			*8900 *19,600	7300 16,100
6.1 m 20'										*9550 *21,100	8500 18,700	*8800 *19,400	6000 13,300	*8750 *19,300	6000 13,300
4.6 m 15'						*16500 *36,400	*16500 *36,400	*12500 *27,500	11750 25,900	*10350 *22,900	8150 18,000	*9100 *20,100	5900 13,000	*8800 *19,400	5300 11,700
3.0 m 10'						*20050 *44,200	16850 37,200	*14200 *31,300	10950 24,200	*11300 *24,900	7750 17,100	*9550 *21,000	5700 12,600	8400 18,500	4900 10,800
1.5 m 5'						*20200 *44,500	15700 34,600	*15500 *34,200	10300 22,700	*12050 *26,500	7350 16,300	9450 20,900	5500 12,100	8250 18,200	4750 10,500
0.0 m 0'						*21800 *48,000	15300 33,700	*15950 *35,200	9900 21,900	*12350 *27,300	7100 15,700	9300 20,500	5350 11,800	8450 18,700	4850 10,700
-1.5 m -5'				*15300 *33,800	*15300 *33,800	*20550 *45,400	15300 33,700	*15600 *34,300	9750 21,500	*12150 *26,700	7000 15,400	9250 20,400	5300 11,700	9100 20,100	5250 11,500
-3.0 m -10'				*23450 *51,700	*23450 *51,700	*18400 *40,600	15500 34,200	*14250 *31,400	9800 21,700	*11050 *24,400	7050 15,500			*9450 *20,900	6050 13,400
-4.6 m -15'				*18450 *40,700	*18450 *40,700	*14900 *32,900	*14900 *32,900	*11650 *25,700	10100 22,300					*92200 *20,300	7800 17,200

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: 3380 mm 11'1"															Unit: kg lb	
A \ B	1.5 m 5'		3.0 m 10'		4.6 m 15'		6.1 m 20'		7.6 m 25'		9.1 m 30'		10.7 m 35'		Maximum	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.6 m 25'															*5750 *12,700	*5750 *12,700
6.1 m 20'									*9000 *19,900	8650 19,000	*8300 *18,300	6150 13,500			*5750 *12,600	5300 11,600
4.6 m 15'							*11800 *26,000	*11800 *26,000	*9900 *21,800	8250 18,200	*8750 *19,300	6000 13,200			*5900 *13,000	4700 10,400
3.0 m 10'					*19000 *41,900	17400 38,400	*13650 *30,100	11200 24,700	*10900 *24,000	7850 17,300	*9250 *20,400	5750 12,700			*6200 *13,700	4400 9,700
1.5 m 5'					*21450 *47,300	16050 35,400	*15150 *33,400	10450 23,100	*11750 *26,000	7450 16,400	9500 20,900	5550 12,200			*6750 *14,900	4250 9,400
0.0 m 0'					*21100 *46,500	15400 34,000	*15900 *35,000	10000 22,000	*12250 *27,100	7150 15,800	9300 20,500	5350 11,800			*7650 *16,800	4350 9,600
-1.5 m -5'			*13350 *29,500	*13350 *29,500	*21200 *46,800	15250 33,700	*15800 *34,800	9750 21,500	12250 27,000	7000 15,400	9200 20,300	5250 11,600			*8150 18,000	4650 10,300
-3.0 m -10'	*15150 *33,400	*15150 *33,400	*19650 *43,400	*19650 *43,400	*19400 *42,800	15400 33,900	*14700 *32,600	9750 21,500	*11450 *25,300	6950 15,300	*8700 *19,200	5300 11,700			*8650 *19,100	5300 11,700
-4.6 m -15'			*21300 *47,000	*21300 *47,000	*16350 *36,100	15750 34,700	*12650 *27,800	9950 22,000	*9500 *20,900	7150 15,700					*8450 *18,700	6550 14,500
-6.1 m -20'					*11350 *25,000	*11350 *25,000	*8400 *18,500	*8400 *18,500							*7500 *16,600	*7500 *16,600

Arm: 4000 mm 13'1"															Unit: kg lb	
A \ B	1.5 m 5'		3.0 m 10'		4.6 m 15'		6.1 m 20'		7.6 m 25'		9.1 m 30'		10.7 m 35'		Maximum	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.6 m 25'											*7100 *15,700	6300 13,900			*4850 *10,700	*4850 *10,700
6.1 m 20'											*7650 *16,900	6200 13,700			*4800 *10,600	4700 10,400
4.6 m 15'									*9150 *20,200	8350 18,400	*8150 *17,900	6000 13,200	*6200 *13,700	4400 9,700	*4950 *10,900	4200 9,300
3.0 m 10'					*17050 *37,600	17050 37,600	*12650 *27,900	11350 25,000	*10200 *22,500	7900 17,400	*8750 *19,300	5750 12,700	7450 16,400	4250 9400	*5200 *11,500	3900 8,600
1.5 m 5'					*20350 *44,800	16300 35,900	*14350 *31,700	10550 23,200	*11200 *24,700	7450 16,400	*9300 *20,500	5500 12,100	7300 16,100	4150 9,100	*5650 *12,500	3800 8,400
0.0 m 0'			*8800 *19,400	*8800 *19,400	*21650 *47,700	15400 33,900	*15450 *34,000	9950 21,900	*11900 *26,200	7050 15,600	9200 20,300	5250 11,600	7150 15,800	4000 8,900	*6350 *14,000	3850 8,500
-1.5 m -5'	*8900 *19,700	*8900 *19,700	*12850 *28,300	*12850 *28,300	*21500 *47,400	15050 33,200	*15700 *34,600	9600 21,200	12100 26,700	6850 15,100	9050 20,000	5100 11,300			*7300 16,100	4100 9,000
-3.0 m -10'	*13300 *29,300	*13300 *29,300	*17850 *39,300	*17850 *39,300	*20200 *44,500	15050 33,200	*15050 *33,200	9500 21,000	*11650 *25,700	6750 14,900	9050 19,900	5100 11,200			*8100 *17,800	4600 10,100
-4.6 m -15'	*18250 *40,200	*18250 *40,200	*24200 *53,300	*24200 *53,300	*17700 *39,000	15300 33,700	*13450 *29,600	9650 21,300	*10300 *22,700	6850 15,100					*8100 *17,800	5550 12,200
-6.1 m -20'			*17800 *39,200	*17800 *39,200	*13550 *29,900	*13550 *29,900	*10250 *22,700	10000 22,000							*7650 *16,900	*7600 *16,700

Arm: 4810 mm 15'9"															Unit: kg lb	
A \ B	1.5 m 5'		3.0 m 10'		4.6 m 15'		6.1 m 20'		7.6 m 25'		9.1 m 30'		10.7 m 35'		Maximum	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.6 m 25'															*3700 *8,100	*3700 *8,100
6.1 m 20'											*6850 *15,100	6350 14,000	*5900 *13,000	4600 10,100	*3650 *8,000	*3650 *8,000
4.6 m 15'											*7400 *16,400	6150 13,500	*6850 *15,200	4500 9,900	*3750 *8,200	3600 8,000
3.0 m 10'							*11400 *25,100	*11400 *25,100	*9350 *20,700	8100 17,800	*8100 *17,900	5850 12,900	*7250 *16,000	4300 9500	*3900 *8,600	3400 7,500
1.5 m 5'					*18750 *41,300	16950 37,400	*13350 *29,500	10800 23,900	*10550 *23,200	7550 16,700	*8800 *19,400	5550 12,200	7300 16,100	4150 9,100	*4200 *9,300	3300 7,200
0.0 m 0'			*9400 *20,700	*9400 *20,700	*20950 *46,200	15700 34,600	*14800 *32,700	10100 22,300	*11450 *25,200	7150 15,700	9250 20,400	5250 11,600	7150 15,700	4000 8,800	*4650 *10,300	3330 7,300
-1.5 m -5'	*7500 *16,600	*7500 *16,600	*11900 *26,200	*11900 *26,200	*21600 *47,600	15050 33,200	*15500 *34,200	9650 21,200	*11950 *26,300	6800 15,000	9000 19,900	5050 11,200	7000 15,500	3900 8600	*5350 *11,800	3500 7,700
-3.0 m -10'	*11050 *24,400	*11050 *24,400	*15600 *34,400	*15600 *34,400	*21000 *46,300	14850 32,800	*15350 *33,900	9400 20,800	*11850 *26,100	6650 14,700	8900 19,700	4950 11,000	*6700 *14800	3850 8500	*6400 *14,100	3850 8500
-4.6 m -15'	*15100 *33,300	*15100 *33,300	*20450 *45,100	*20450 *45,100	*19200 *42,300	15000 33,000	*14300 *31,600	9400 20,800	*11050 *24,300	6650 14,700	*8500 *18,700	5000 11,000			*7400 *16,300	4500 9,900
-6.1 m -20'	*19900 *43,900	*19900 *43,900	*22200 *49,000	*22200 *49,000	*16000 *35,300	15350 33,800	*12100 *26,600	9650 21,200	*9050 *19,900	6850 15,100					*7250 *16,000	5800 12,800
-7.6 m -25'					*10650 *23,500	*10650 *23,500	*7650 *16,900	*7650 *16,900							*6450 *14,200	*6450 *14,200

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.

PC400LC-6 with Variable Gauge

SPECIFICATIONS



ENGINE

Model Komatsu SA6D125E-2
 Type 4-cycle, water-cooled, direct injection
 Aspiration Turbocharged and aftercooled
 Number of cylinders 6
 Bore 125 mm **4.92"**
 Stroke 150 mm **5.91"**
 Piston displacement 11.04 ltr **674 in³**
 Rated gross horsepower 238.6 kW **320 HP at 2050 rpm**
 (SAE J1349)
 Flywheel horsepower 228 kW **306 HP at 2050 rpm**
 (SAE J1349)
 Governor All-speed, mechanical
 Meets 1996 EPA emission standards.



HYDRAULIC SYSTEM

Type HydrauMind system, a 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 652 ltr **2 x 86 U.S. gal/min**
 Sub-pump for control circuit Gear pump
 Hydraulic motors:
 Travel 2 x axial piston motor with parking brake
 Swing 1 x axial piston motor
 Relief valve setting:
 Implement circuits 355 kg/cm² **5,050 psi**
 Travel circuit 355 kg/cm² **5,050 psi**
 Swing circuit 285 kg/cm² **4,050 psi**
 Pilot circuit 30 kg/cm² **430 psi**
 Service valve 210 kg/cm² **2,990 psi**
 Hydraulic cylinders:
 Number of cylinders – bore x stroke
 Boom 2 – 160 mm x 1570 mm **6.3" x 61.8"**
 Arm 1 – 185 mm x 1820 mm **7.3" x 71.7"**
 Bucket 1 – 160 mm x 1270 mm **6.3" x 50.0"**

Service valves maximum flow:
 First valve 480 ltr **126.8 U.S. gal/min**
 Second valve 240 ltr **63.4 U.S. gal/min**
 Third valve 240 ltr **63.4 U.S. gal/min**



DRIVES AND BRAKES

Steering control Two levers with pedals
 Drive method Fully hydrostatic
 Travel motor Axial piston motor, in-shoe
 Maximum drawbar pull 33700 kg **74,300 lb**
 Maximum travel speed: High 5.5 km/h **3.4 mph**
 Mid 4.5 km/h **2.8 mph**
 Low 3.2 km/h **2.0 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
 Swing speed 9.3 rpm



UNDERCARRIAGE

Center frame X-frame
 Track frame Box-section
 Seal of track Sealed track
 Track adjuster Hydraulic
 Number of shoes 49 per side
 Number of carrier rollers 2 per side
 Number of track rollers 8 per side



COOLANT AND LUBRICANT CAPACITY (REFILLING)

Fuel tank 605 ltr **160.0 U.S. gal**
 Radiator 47.0 ltr **12.4 U.S. gal**
 Engine 32.0 ltr **8.5 U.S. gal**
 Final drive, each side 11.5 ltr **3.0 U.S. gal**
 Swing drive 21.5 ltr **5.7 U.S. gal**
 Hydraulic tank 270 ltr **71.3 U.S. gal**



OPERATING WEIGHT

Operating weight, including 7060 mm **23'2"** one-piece boom, 3380 mm **11'1"** arm, SAE heaped 1.82 m³ **2.38 yd³** backhoe bucket, operator, lubricant, coolant, full fuel tank, and the standard equipment.

Triple-Grouser Shoes	Operating Weight	Ground Pressure
600 mm 24"	43286 kg 95,429 lb	0.78 kg/cm ² 11.14 psi
700 mm 28"	43740 kg 96,429 lb	0.67 kg/cm ² 9.55 psi
800 mm 31.5"	44189 kg 97,419 lb	0.60 kg/cm ² 8.55 psi
900 mm 35.4"	44638 kg 98,409 lb	0.54 kg/cm ² 7.68 psi
Maximum Weight	45140 kg 99,517 lb	0.55 kg/cm ² 7.80 psi

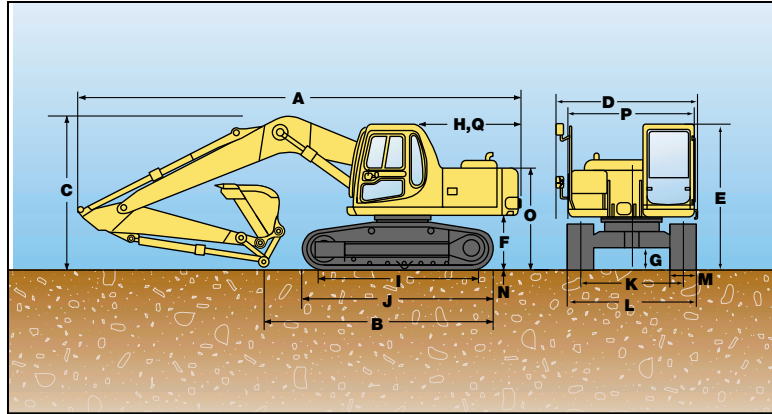
Maximum operating weight also includes: 4800 mm **15'9"** arm, and 1.82 m³ **2.38 yd³** heavy-duty bucket.

Arm Length	Weight Adjustments
2400 mm 7'10"	-167 kg -368 lb
2900 mm 9'6"	-49 kg -108 lb
4000 mm 13'1"	+240 kg +529 lb
4800 mm 15'9"	+372 kg +820 lb

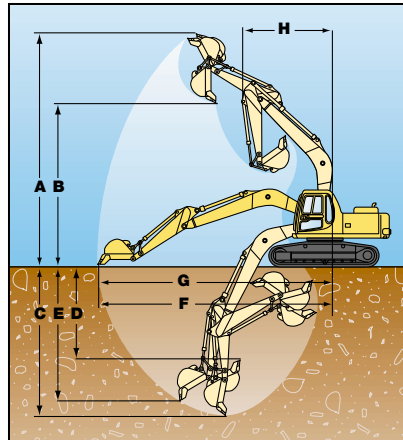


DIMENSIONS WITH VARIABLE GAUGE UNDERCARRIAGE

	Arm	2400 mm	7'10"	2900 mm	9'6"	3380 mm	11'1"	4000 mm	13'1"	4800 mm	15'9"
A	Overall length	11890 mm	39'0"	11890 mm	39'0"	11835 mm	38'10"	11850 mm	38'11"	11740 mm	38'6"
B	Overall length (transport)	8435 mm	27'8"	7425 mm	24'4"	6685 mm	21'11"	6220 mm	20'5"	6025 mm	19'9"
C	Overall height (to top of boom)	3715 mm	12'2"	3790 mm	12'5"	3675 mm	12'0"	3880 mm	12'8"	4320 mm	14'2"
D	Overall width	3440 mm	11'3"								
E	Overall height (to top of cab)	3400 mm	11'2"								
F	Ground clearance, counterweight	1455 mm	4'9"								
G	Ground clearance (minimum)	706 mm	2'4"								
H	Tail swing radius	3500 mm	11'6"								
I	Track length on ground	4350 mm	14'3"								
J	Track length	5355 mm	17'7"								
K	Track gauge	2870 mm	9'5"								
L	Width of crawler (retracted)	3070 mm	10'1"								
L ¹	Width of crawler (extended)	3570 mm	11'9"								
M	Shoe width	700 mm	28"								
N	Grouser height	37 mm	1.5"								
O	Machine cab height	2850 mm	9'4"								
P	Upper structure width	2995 mm	9'10"								
Q	Distance, swing center to rear end	3500 mm	11'6"								



WORKING RANGE AND BUCKET/ARM COMBINATION WITH VARIABLE GAUGE UNDERCARRIAGE



		2400	7'10"	2900	9'6"	3380	11'1"	4000	13'1"	4800	15'9"
A	Max. digging height	10410	34'2"	10410	34'2"	11050	36'4"	11160	36'7"	11620	38'1"
B	Max. dumping height	7170	23'6"	7210	23'8"	7700	25'4"	7840	25'9"	8270	27'2"
C	Max. digging depth	6710	22'0"	7210	23'8"	7630	25'0"	8310	27'3"	9120	30'0"
D	Max. vertical wall digging depth	5260	17'4"	5560	18'3"	6720	22'0"	7150	23'6"	8090	26'6"
E	Max. digging depth of cut for 8' level	6585	21'7"	7095	23'4"	7490	24'7"	8255	27'1"	9080	29'9"
F	Max. digging reach	11060	36'3"	11450	37'6"	12020	39'5"	12560	41'2"	13370	43'10"
G	Max. digging reach at ground level	10810	35'6"	11200	36'10"	11780	38'9"	12340	40'6"	13160	43'2"
H	Min. swing radius	4850	15'11"	4620	15'2"	4770	15'8"	4700	15'5"	4670	15'4"
Bucket digging force*		22800 kg		22700 kg		22900 kg		22700 kg		22600 kg	
		50,260 lb		50,040 lb		50,490 lb		50,040 lb		49,820 lb	
Arm crowd force*		26200 kg		23200 kg		19600 kg		17600 kg		15400 kg	
		57,760 lb		51,150 lb		43,210 lb		38,800 lb		33,950 lb	

*at power max



BACKHOE BUCKET AND ARM COMBINATION

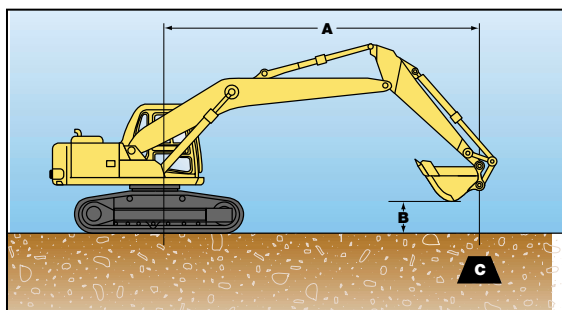
Bucket Type	Bucket							Arms				
	Capacity	OLW	Weight	Number of Teeth	Tooth Size	7'10"	9'6"	11'1"	13'1"	15'9"		
Komatsu "H" Series SD	1.37 m ³	1.79 yd ³	762 mm	36"	1585 kg	3,494 lb	4	X370	V	V	V	V
	1.67 m ³	2.18 yd ³	914 mm	42"	1761 kg	3,882 lb	4	X370	V	V	V	X
	1.97 m ³	2.57 yd ³	1067 mm	48"	1891 kg	4,169 lb	5	X370	V	V	W	Y
	2.27 m ³	2.97 yd ³	1219 mm	54"	2050 kg	4,520 lb	5	X370	V	W	X	Y
	2.58 m ³	3.37 yd ³	1372 mm	60"	2182 kg	4,810 lb	6	X370	W	X	Y	Z
Komatsu "H" Series HD	1.39 m ³	1.82 yd ³	762 mm	36"	1533 kg	3,379 lb	4	X370AP	V	V	V	V
	1.69 m ³	2.21 yd ³	914 mm	42"	1700 kg	3,748 lb	4	X370AP	V	V	V	X
	2.00 m ³	2.61 yd ³	1067 mm	48"	1789 kg	3,945 lb	5	X370AP	V	V	W	Y
	2.30 m ³	3.01 yd ³	1219 mm	54"	1935 kg	4,267 lb	5	X370AP	V	W	X	Z
	2.61 m ³	3.41 yd ³	1372 mm	60"	2051 kg	4,522 lb	6	X370AP	W	X	Y	Z

V – Used with weights up to 3,500 lb/yd³, W – Used with weights up to 3,000 lb/yd³

X – Used with weights up to 2,500 lb/yd³, Y – Used with weights up to 2,000 lb/yd³, Z – Not useable



PC400LC-6 LIFTING CAPACITY WITH VARIABLE GAUGE



Equipment:

- Boom: 7060 mm **23'2"**
- Bucket: 1.8 m³ **2.38 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: 2400 mm 7'10"													Unit: kg lb	
A \ B	3.0 m 10'		4.6 m 15'		6.1 m 20'		7.6 m 25'		9.1 m 30'		10.7 m 35'		☉ Maximum	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.6 m 25'							*9800 *21,600	8950 19,700					*9700 *21,400	8250 18,200
6.1 m 20'					*11750 *26,000	*11750 *26,000	*10200 *22,500	8750 19,300					*9450 *20,900	6750 14,900
4.6 m 15'			*18200 *40,100	*18200 *40,100	*13350 *29,400	12100 26,600	*10950 *24,100	8450 18,600	*9550 *21,000	6150 13,500			*9450 *20,800	5950 13,100
3.0 m 10'					*14800 *32,600	11150 24,600	*11750 *25,900	8050 17,800	9600 21,200	5950 13,200			8950 19,700	5550 12,200
1.5 m 5'					*10750 *35,000	10750 23,700	*12350 *27,200	7700 17,000	9400 20,800	5800 12,800			8880 19,500	5450 12,000
0.0 m 0'			*20650 *45,500	16250 35,800	*16000 *35,200	10450 23,000	12350 27,200	7500 16,600	9300 20,500	5700 12,600			9150 20,100	5600 12,300
-1.5 m -5'	*16350 *36,100	*16350 *36,100	*19500 *43,000	16350 36,100	*15200 *33,500	10400 22,900	*11900 *26,200	7450 16,400					*9850 *21,700	6100 13,500
-3.0 m -10'	*20050 *44,200	*20050 *44,200	*16950 *37,300	16650 36,800	*13450 *29,600	10550 23,200	10300 22,700	7600 16,700					*9750 *21,500	7250 16,000
-4.6 m -15'			*12800 *28,200	*12800 *28,200	*10000 *22,100	*10000 *22,100							*9000 *19,900	*9000 *19,900

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: 2900 mm 9'6"													Unit: kg lb	
B \ A	3.0 m 10'		4.6 m 15'		6.1 m 20'		7.6 m 25'		9.1 m 30'		10.7 m 35'		⊗ Maximum	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.6 m 25'							*9100 *20,100	9050 20,000					*8900 *19,600	7500 16,500
6.1 m 20'							*9600 *21,200	8850 19,500	*8800 *19,400	6300 13,900			*8750 *19,300	6200 13,700
4.6 m 15'			*16850 *37,100	*16850 *37,100	*12650 *27,900	12300 27,100	*10450 *23,000	8500 18,800	*9150 *20,100	6200 13,600			*8800 *19,400	5500 12,200
3.0 m 10'			*20300 *44,800	17700 39,000	*14350 *31,600	11450 25,300	*11350 *25,000	8100 17,900	*9550 *21,100	5950 13,200			8350 18,400	5150 11,300
1.5 m 5'			*20000 *44,100	16600 36,600	*15550 *34,300	10800 23,900	*12050 *26,600	7750 17,000	9400 20,700	5800 12,700			8200 18,100	5000 11,100
0 m 0'			*21700 *47,900	16200 35,800	*15950 *35,200	10450 23,000	12300 27,100	7500 16,500	9250 20,400	5650 12,400			8450 18,700	5150 11,400
-1.5 m -5'	*16000 *35,300	*16000 *35,300	*20400 *45,000	16250 35,800	*15500 *34,200	10300 22,700	*12050 *26,600	7350 16,300	9200 20,300	5600 12,300			9150 20,200	5600 12,300
-3.0 m -10'	*23100 *51,000	*23100 *51,000	*18150 *40,000	16450 36,300	*14100 *31,100	10400 22,900	*10900 *24,000	7400 16,400					*9450 *20,900	6500 14,300
-4.6 m -15'	*17900 *39,500	*17900 *39,500	*14500 *32,000	14500 32,000	*11100 *24,500	10450 23,000							*9150 *20,200	8500 18,700

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: 3380 mm 11'1"															Unit: kg lb	
A \ B	1.5 m 5'		3.0 m 10'		4.6 m 15'		6.1 m 20'		7.6 m 25'		9.1 m 30'		10.7 m 35'		Maximum	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
9.1 m 30'															*6000 *13,300	*6000 *13,300
7.6 m 25'											*5800 *12,800	*5800 *12,800			*5750 *12,700	*5750 *12,700
6.1 m 20'									*9100 *20,000	9000 19,900	*8350 *18,400	6450 14,200			*5750 *12,700	5500 12,100
4.6 m 15'							*11950 *26,400	*11950 *26,400	*10000 *22,000	8650 19,000	*8750 *19,300	6250 13,800			*5900 *13,000	4900 10,800
3.0 m 10'					*19300 *42,500	18250 40,200	*13800 *30,400	11700 25,800	*11000 *24,200	8200 18,100	*9300 *20,500	6050 13,300			*6250 *13,800	4600 10,200
1.5 m 5'					*21550 *47,500	16900 37,300	*15250 *33,600	10950 24,200	*11850 *26,100	7800 17,200	9450 20,800	5800 12,800			*6850 *15,100	4500 10,000
0 m 0'					*21300 *46,900	16350 36,000	*15900 *35,100	10500 23,200	*12300 *27,100	7500 16,600	9250 20,400	5650 12,400			7650 16,800	4600 10,200
-1.5 m -5'	*10350 *22,800	*10350 *22,800	*13850 *30,600	*13850 *30,600	*21100 *46,500	16200 35,800	*15750 *34,700	10300 22,700	12200 26,900	7350 16,200	9150 20,200	5550 12,300			8200 18,000	4950 10,900
-3.0 m -10'	*15650 *34,500	*15650 *34,500	*20300 *44,700	*20300 *44,700	*19200 *42,300	16350 36,100	*14650 *32,300	10350 22,800	*11350 *25,000	7350 16,200					*8650 *19,100	5650 12,500
-4.6 m -15'			*20800 *45,800	*20800 *45,800	*16000 *35,300	*16000 *35,300	*12350 *27,300	10550 23,200	*9200 *20,300	7550 16,600					*8400 *18,600	7100 15,600
-6.1 m -20'					*10750 *23,700	*10750 *23,700	*7800 *17,200	*7800 *17,200							*7350 *16,200	*7350 *16,200

Arm: 4000 mm 13'1"															Unit: kg lb	
A \ B	1.5 m 5'		3.0 m 10'		4.6 m 15'		6.1 m 20'		7.6 m 25'		9.1 m 30'		10.7 m 35'		Maximum	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
9.1 m 30'															*5000 *11,100	*5000 *11,100
7.6 m 25'											*7350 *16,200	6600 14,500			*4850 *10,600	*4850 *10,600
6.1 m 20'											*7700 *16,900	6500 14,300			*4800 *10,600	*4800 *10,600
4.6 m 15'									*9250 *20,400	8700 19,200	*8200 *18,000	6300 13,900	*6400 *14,100	4600 10,200	*4950 *10,900	4400 9,700
3.0 m 10'					*17600 *38,800	*17600 *38,800	*12800 *28,300	11850 26,100	*10300 *22,700	8250 18,200	*8800 *19,400	6000 13,300	7400 16,300	4500 9,900	*5250 *11,600	4150 9,100
1.5 m 5'					*20500 *45,300	17150 37,800	*14500 *31,900	11050 24,300	*11300 *24,900	7800 17,200	*9350 *20,600	5750 12,700	7250 16,000	4350 9,600	*5700 *12,600	4050 8,900
0 m 0'			*9100 *20,100	*9100 *20,100	*21700 *47,800	16300 35,900	*15500 *34,100	10450 23,100	*11950 *26,300	7400 16,400	9150 20,200	5550 12,200	7100 15,700	4250 9,400	*6400 *14,100	4100 9,000
-1.5 m -5'	*9300 *20,500	*9300 *20,500	*13250 *29,200	*13250 *29,200	*21400 *47,200	16000 35,200	*15650 *34,500	10150 22,400	12050 26,500	7200 15,900	9000 19,900	5400 11,900			7350 16,200	4350 9,600
-3.0 m -10'	*13700 *30,200	*13700 *30,200	*18350 *40,400	*18350 *40,400	*20000 *44,100	16000 35,300	*14950 *33,000	10100 22,200	*11600 *25,600	7150 15,700	9000 19,800	5400 11,900			*8100 *17,900	4900 10,800
-4.6 m -15'	*18750 *41,300	*18750 *41,300	*23750 *52,300	*23750 *52,300	*17400 *38,400	16300 35,900	*13250 *29,200	10200 22,500	*10100 *22,300	7250 16,000					*8050 *17,800	6000 13,200
-6.1 m -20'			*17100 *37,700	*17100 *37,700	*13100 *28,900	*13100 *28,900	*9900 *21,800	*9900 *21,800							*7600 *16,700	*7600 *16,700

Arm: 4800 mm 15'9"															Unit: kg lb	
A \ B	1.5 m 5'		3.0 m 10'		4.6 m 15'		6.1 m 20'		7.6 m 25'		9.1 m 30'		10.7 m 35'		Maximum	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
9.1 m 30'															*3800 *8,400	*3800 *8,400
7.6 m 25'													*3750 *8,300	*3750 *8,300	*3650 *8,100	*3650 *8,100
6.1 m 20'											*6900 *15,200	6650 14,700	*6050 *13,300	4850 10,700	*3650 *8,100	*3650 *8,100
4.6 m 15'											*7450 *16,500	6400 14,100	*6900 *15,200	4700 10,400	*3750 *8,200	*3750 *8,200
3.0 m 10'							*11550 *25,500	*11550 *25,500	*9500 *20,900	8450 18,600	*8150 *18,000	6100 13,500	*7300 *16,000	4550 10,000	*3950 *8,700	3550 7,900
1.5 m 5'					*19000 *41,900	17800 39,300	*13500 *29,800	11300 25,000	*10600 *23,400	7900 17,500	*8850 *19,500	5800 12,800	7250 16,000	4350 9,600	*4250 *9,400	3500 7,700
0 m 0'			*9550 *21,000	*9550 *21,000	*21050 *46,400	16600 36,600	*14900 *32,900	10600 23,400	*11500 *25,400	7500 16,500	9150 20,200	5550 12,200	7100 15,600	4200 9,300	*4700 *10,400	3550 7,800
-1.5 m -5'	*7800 *17,200	*7800 *17,200	*12150 *26,800	*12150 *26,800	*21600 *47,600	16000 35,200	*15500 *34,200	10150 22,400	*11950 *26,300	7200 15,800	8950 19,800	5350 11,800	7000 15,400	4100 9,100	*5400 *11,900	3700 8,200
-3.0 m -10'	*11400 *25,100	*11400 *25,100	*15950 *35,200	*15950 *35,200	*20850 *46,000	15800 34,900	*15300 *33,800	9950 22,000	*11800 *26,100	7050 15,500	8850 19,600	5250 11,600			*6500 *14,400	4100 9,100
-4.6 m -15'	*15450 *34,100	*15450 *34,100	*20950 *46,200	*20950 *46,200	*19000 *41,800	15950 35,200	*14200 *31,300	10000 22,000	*10900 *24,100	7050 15,500	*8350 *18,400	5300 11,700			*7400 *16,300	4850 10,700
-6.1 m -20'	*20,400 *45,000	*20,400 *45,000	*21650 *47,700	*21650 *47,700	*15650 *34,500	*15650 *34,500	*11800 *26,000	10200 22,500	*8750 *19,300	7250 16,000					*7200 *15,900	6300 13,900
-7.6 m -25'					*10050 *22,100	*10050 *22,100	*7100 *15,600	*7100 *15,600							*6300 *13,800	*6300 *13,800

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

- Air cleaner, double element
- Air conditioner
- Alternator, **50A**
- Auto warm-up
- Auto deceleration
- Batteries, 150 Ah/2 x 12V
- Boom holding valve
- Cab which includes: antenna, ashtray, cigarette lighter, floor mat, front windshield washer, storage box, suspension seat, seat belt, and AM/FM radio
- Controls, wrist
- Counterweight, 8890 kg **19,600 lb**
- Dust proof net for radiator
- Electronic controller
- Guard, fan
- Heater/defroster
- In-line filter
- Light, one front, RH
- Overheat prevention
- Power max
- Pump/engine room partition
- Rear view mirror, RH and LH
- Service valve, 1 standard
- Shoes, 700 mm **28"** triple grouser
- Starting motor, 11 kW
- Speed down system
- Swing parking brake
- Swing priority mode
- Turbocharger cover
- Track, guiding guard
- Travel alarm
- Vandalism protection provision tabs



OPTIONAL EQUIPMENT

- Arm holding valve
- Cab front window guard
- High altitude area spec
- Hydraulic control unit (for breaker)
- Service valve
- Shoes
 - 600 mm **24"** triple grouser
 - 800 mm **31.5"** triple grouser
 - 900 mm **35.4"** triple grouser
- Storage, hot/cold
- Track roller guards, full length
- Undercover
- Variable gauge track frame
- Boom assembly
 - 7000 mm **23'2"**
 - 7000 mm **23'2"** with piping
- Arm assembly
 - 2400 mm **7'10"**
 - 2900 mm **9'6"**
 - 2900 mm **9'6"** with piping
 - 3380 mm **11'1"**
 - 3380 mm **11'1"** with piping
 - 4000 mm **13'1"**
 - 4800 mm **15'9"**

SOLD ONLY WITH BUCKET

- Lug bushing
- Play adjustment mechanism

AESS459-02

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Komatsu America International Company
440 N. Fairway Dr., Vernon Hills, IL 60061



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