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®

Courtesy of Machine.Market

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.

PC400LC-6
HYDRAULIC EXCAVATOR

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

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

BUCKET CAPACITY
1.25 – 2.29 m^3
1.63 – 3.00 yd^3

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.

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.

Courtesy of Machine.Market

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

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.

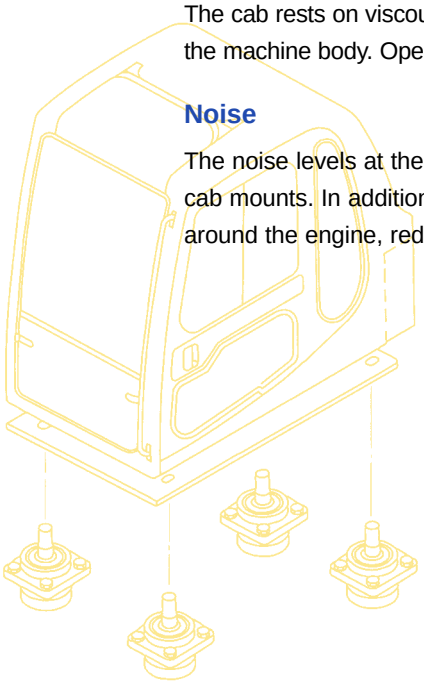
The multi-position diagnostic monitor is easily reached and can be rotated to remove glare. Plus, the inclined dashboard makes the switches and fuel control dials easier to view and use.

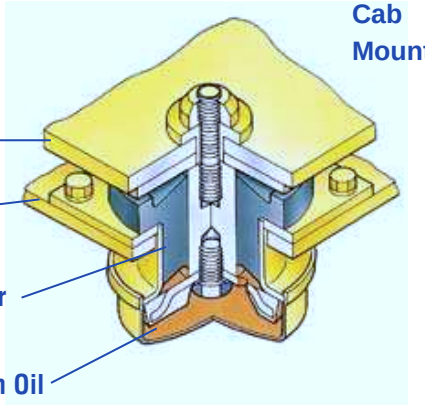
Cab Mounts

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.





Courtesy of Machine.Market

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

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.

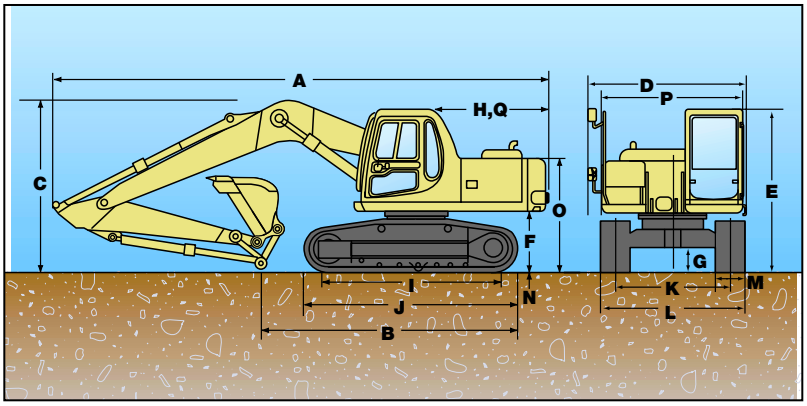
Triple-Grouser Shoes	Operating Weight	Ground Pressure
600 mm **24"**	42704 kg **94,147 lb**	0.77 kg/cm² **10.95 psi**
700 mm **28"**	42600 kg **95,147 lb**	0.66 kg/cm² **9.36 psi**
800 mm **31.5"**	43607 kg **96,137 lb**	0.59 kg/cm² **8.36 psi**
900 mm **35.5"**	44110 kg **97,245 lb**	0.53 kg/cm² **7.49 psi**
Maximum Weight	44792 kg **98,749 lb**	0.54 kg/cm² **7.61 psi**

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

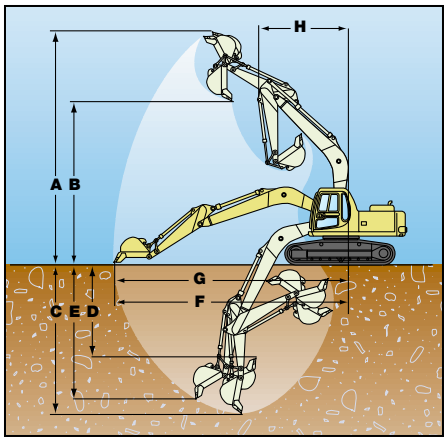
Arm Length		Weight Adjustments	
2400 mm	**7'10"**	–167 kg	**–368 lb**
2900 mm	**9'6"**	–49 kg	**–108 lb**
4000 mm	**13'1"**	+240 kg	**+529 lb**
4800 mm	**15'9"**	+372 kg	**+820 lb**

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 **50,260 lb**		22700 kg **50,040 lb**		22900 kg **50,490 lb**		22700 kg **50,040 lb**		22600 kg **49,820 lb**	
Arm crowd force*		26200 kg **57,760 lb**		23200 kg **51,150 lb**		19600 kg **43,210 lb**		17600 kg **38,800 lb**		15400 kg **33,950 lb**	

*at power max

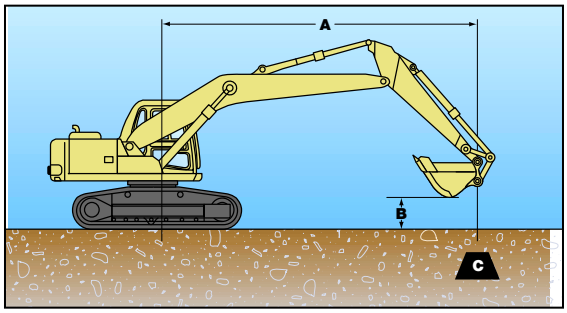
BACKHOE BUCKET AND ARM COMBINATION

Bucket Type	Bucket Capacity		OLW		Weight		Number of Teeth	Tooth Size	Arms 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
	1.67 m^3	**2.18 yd^3**	914 mm	**42"**	1761 kg	**3,882 lb**	4	X370	V	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	X	Y
	2.27 m^3	**2.97 yd^3**	1219 mm	**54"**	2050 kg	**4,520 lb**	5	X370	V	W	X	Y	Z
	2.58 m^3	**3.37 yd^3**	1372 mm	**60"**	2182 kg	**4,810 lb**	6	X370	W	X	Y	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	V
	1.69 m^3	**2.21 yd^3**	914 mm	**42"**	1700 kg	**3,748 lb**	4	X370AP	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
	2.30 m^3	**3.01 yd^3**	1219 mm	**54"**	1935 kg	**4,267 lb**	5	X370AP	V	W	X	Y	Z
	2.61 m^3	**3.41 yd^3**	1372 mm	**60"**	2051 kg	**4,522 lb**	6	X370AP	W	X	Y	Y	Z

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

X – Used with weights up to 2,500 lb/yd^3, Y – Used with weights up to 2,000 lb/yd^3, 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**

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'**		⊗ 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**
–4.6m **–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**

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'**		⊗ 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.

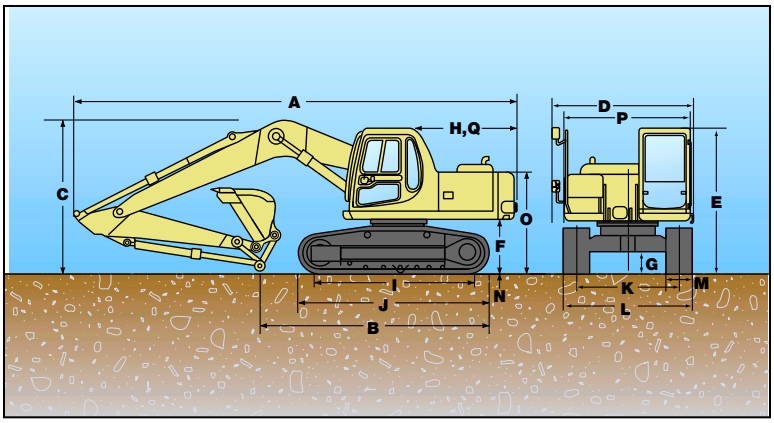
Triple-Grouser Shoes	Operating Weight	Ground Pressure
600 mm **24"**	43286 kg **95,429 lb**	0.78 kg/cm² **11.14 psi**
700 mm **28"**	43740 kg **96,429 lb**	0.67 kg/cm² **9.55 psi**
800 mm **31.5"**	44189 kg **97,419 lb**	0.60 kg/cm² **8.55 psi**
900 mm **35.4"**	44638 kg **98,409 lb**	0.54 kg/cm² **7.68 psi**
Maximum Weight	45140 kg **99,517 lb**	0.55 kg/cm² **7.80 psi**

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

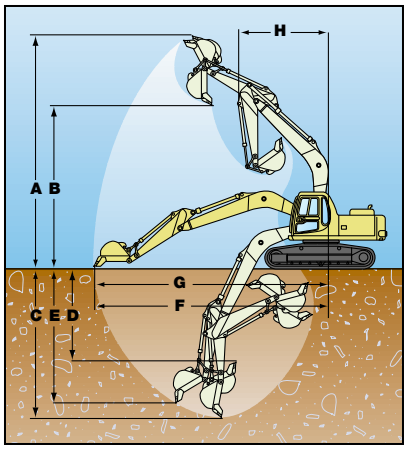
Arm Length		Weight Adjustments	
2400 mm	**7'10"**	–167 kg	**–368 lb**
2900 mm	**9'6"**	–49 kg	**–108 lb**
4000 mm	**13'1"**	+240 kg	**+529 lb**
4800 mm	**15'9"**	+372 kg	**+820 lb**

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 **50,260 lb**		22700 kg **50,040 lb**		22900 kg **50,490 lb**		22700 kg **50,040 lb**		22600 kg **49,820 lb**	
Arm crowd force*		26200 kg **57,760 lb**		23200 kg **51,150 lb**		19600 kg **43,210 lb**		17600 kg **38,800 lb**		15400 kg **33,950 lb**	

*at power max

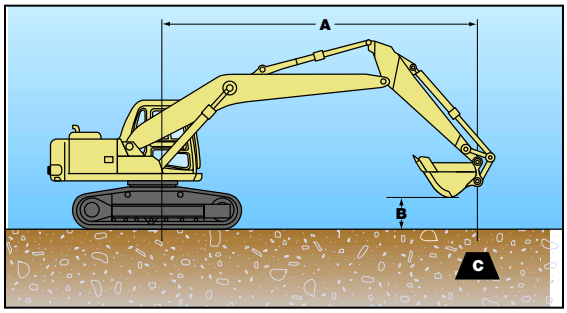
BACKHOE BUCKET AND ARM COMBINATION

Bucket Type	Bucket Capacity		OLW		Weight		Number of Teeth	Tooth Size	Arms 7'10"	9'6"	11'1"	13'1"	15'9"
Komatsu "H" Series SD	1.37 m³	**1.79 yd³**	762 mm	**36"**	1585 kg	**3,494 lb**	4	X370	V	V	V	V	V
	1.67 m³	**2.18 yd³**	914 mm	**42"**	1761 kg	**3,882 lb**	4	X370	V	V	V	V	X
	1.97 m³	**2.57 yd³**	1067 mm	**48"**	1891 kg	**4,169 lb**	5	X370	V	V	W	X	Y
	2.27 m³	**2.97 yd³**	1219 mm	**54"**	2050 kg	**4,520 lb**	5	X370	V	W	X	Y	Z
	2.58 m³	**3.37 yd³**	1372 mm	**60"**	2182 kg	**4,810 lb**	6	X370	W	X	Y	Y	Z
Komatsu "H" Series HD	1.39 m³	**1.82 yd³**	762 mm	**36"**	1533 kg	**3,379 lb**	4	X370AP	V	V	V	V	V
	1.69 m³	**2.21 yd³**	914 mm	**42"**	1700 kg	**3,748 lb**	4	X370AP	V	V	V	V	X
	2.00 m³	**2.61 yd³**	1067 mm	**48"**	1789 kg	**3,945 lb**	5	X370AP	V	V	W	X	Y
	2.30 m³	**3.01 yd³**	1219 mm	**54"**	1935 kg	**4,267 lb**	5	X370AP	V	W	X	Y	Z
	2.61 m³	**3.41 yd³**	1372 mm	**60"**	2051 kg	**4,522 lb**	6	X370AP	W	X	Y	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**

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'**							*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**	*11,300 ***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

DK09(2.5M)EH DataKom 09/02 (EV-2)

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

www.KomatsuAmerica.com