

PC300HD-6

KOMATSU[®]

FLYWHEEL HORSEPOWER
173 kW 232 HP @ 1750 rpm

OPERATING WEIGHT
35770 – 36630 kg
78,860 – 80,755 lb



PC300HD-6

HYDRAULIC EXCAVATOR
FLYWHEEL[®]

PC300HD-6 Hydraulic Excavator

WALK-AROUND

The PC300 follows the strategy

of offering the highest level of technological superiority and leadership in the industry. The PC300 introduces several new features to provide the operator with a smoother, faster, and more efficient machine. Combine these and you will know why over 90% of our customers gave an “excellent” rating for our excavator design and technology.

Brass bushings

High tensile strength brass bushings replace steel bushings at the boom foot and boom cylinder foot. Noise and play of work equipment are reduced.

Multi-layer viscous cab mounts

Vibration and noise in the cab are reduced and riding comfort is improved.

Active mode, preferred by experienced operators, increases productivity up to 7% by matching the work equipment speed to the weight of the load and adjusting the speed, pump flow, and boom down speed.



FLYWHEEL HORSEPOWER
173 kW **232 HP** @ 1750 rpm

OPERATING WEIGHT
35770 – 36630 kg
78,860 – 80,775 lb

BUCKET CAPACITY
.96 – 1.91 m³
1.25 – 2.5 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.



Improved monitor

Engine oil maintenance has been added as a function, and the default Work Mode can be changed.

Hydraulic filter

The hydraulic oil and filter replacement schedules have been increased, reducing maintenance.

Emissionized engine

at 173 kW 232 HP, it is one of the most powerful in its class.



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 SA6D114E-1 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 PC300 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 PC300 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 ½ 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 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.

SPECIFICATIONS



ENGINE

Model SA6D114E-1
 Type 4-cycle, water-cooled, direct-injection
 Aspiration Turbocharged
 No. of cylinders 6
 Bore 114 mm **4.49"**
 Stroke 135 mm **5.32"**
 Piston displacement 8.3 ltr **504.5 in³**
 Rated gross horsepower 171.5 kW **230 HP** @ 2000 rpm
 (SAE J1349)
 Flywheel horsepower 173 kW **232 HP** @ 1750 rpm
 (SAE J1349)
 Governor All-speed, mechanical
 Meets 1996 EPA emission standards



HYDRAULIC SYSTEM

Type HydraMind system, a closed center system with load sensing valves and pressure compensated valves.
 No. of selectable working modes 5
 Main pump:
 Type Variable-displacement piston pumps
 Pumps for Boom, arm bucket, swing, and travel circuits
 Maximum flow 240 ltr **2 x 63.4 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 290 kg/cm² **4,120 psi**
 Pilot circuit 30 kg/cm² **430 psi**
 Service valve 280 kg/cm² **up to 3,980 psi**
 Hydraulic cylinders:
 Number of cylinders—bore x stroke
 Boom 2 – 140 mm x 1480 mm **5.5" x 58.3"**
 Arm 1 – 160 mm x 1685 mm **6.3" x 66.3"**
 Bucket 1 – 140 mm x 1285 mm **5.5" x 50.6"**
 Service valve 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 32500 kg **71,650 lb**
 Gradeability 70%
 Maximum travel speed: High 4.4 km/h **2.7 mph**
 Mid 3.5 km/h **2.2 mph**
 Low 2.5 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
 Swing speed 10.0 rpm



UNDERCARRIAGE

Center frame X-frame
 Track frame Box-section
 Seal of track Sealed track
 Track adjuster Hydraulic
 No. of shoes 49 per side
 No. of carrier rollers 2 per side
 No. of track rollers 7 per side



COOLANT AND LUBRICANT CAPACITY (REFILLING)

Fuel tank 540 ltr **142.7 U.S. gal**
 Radiator 32.0 ltr **8.5 U.S. gal**
 Engine 28.4 ltr **7.5 U.S. gal**
 Final drive, each side 9.5 ltr **2.5 U.S. gal**
 Swing drive 13.0 ltr **3.4 U.S. gal**
 Hydraulic tank 205 ltr **54.2 U.S. gal**



OPERATING WEIGHT (APPROXIMATE)

Operating weight, including 6500 mm **21'3"** one-piece boom, 3190 mm **10'6"** arm, SAE heaped 0.96 m³ **1.25 yd³** backhoe bucket, operator, lubricant, coolant, full fuel tank, and the standard equipment.

Triple-Grouser Shoes	Operating Weight	Ground Pressure
600 mm 23.6"	35770 kg 78,860 lb	0.77 kg/cm ² 10.95 psi
700 mm 27.6"	36190 kg 79,785 lb	0.57 kg/cm ² 9.36 psi
800 mm 31.5"	36630 kg 80,755 lb	0.59 kg/cm ² 8.36 psi

Arm Length	Weight Adjustments
2200 mm 7'3"	-95 kg -209 lb
3240 mm 8'4"	-47 kg -104 lb
4020 mm 13'2"	+270 kg +595 lb

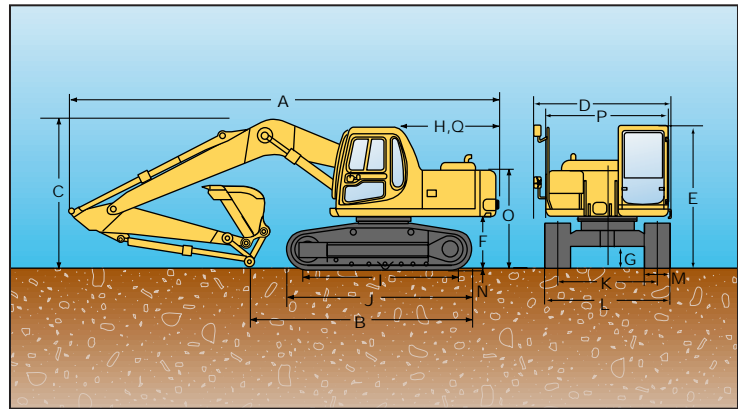


DIMENSIONS

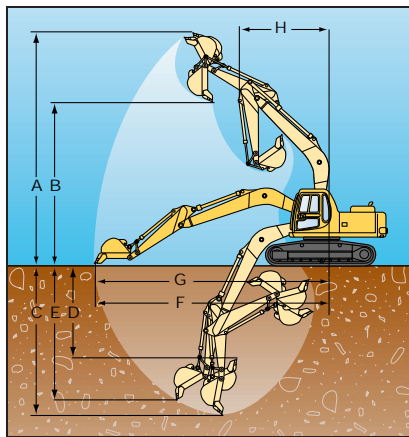
PC300HD-6 HYDRAULIC EXCAVATOR

	Arm	2200 mm 7'3"	2550 mm 8'4"	3190 mm 10'6"	4020 mm 13'2"	3190 mm 10'6"
A	Overall length	11005 mm 36'1"	10965 mm 36'0"	10900 mm 35'9"	10975 mm 36'0"	10985 mm 36'0"
B	Overall length (transport)	11005 mm 36'1"	10965 mm 36'0"	10900 mm 35'9"	10975 mm 36'0"	10985 mm 36'0"
C	Overall height (to top of boom)	3400 mm 11'2"	3400 mm 11'2"	3280 mm 10'9"	3610 mm 11'10"	3310 mm 10'10"
D	Overall width	3570 mm 11'9"				
E	Overall height (to top of cab)	3365 mm 11'4"				
F	Ground clearance, counterweight	1420 mm 4'8"				
G	Ground clearance (minimum)	706 mm 2'3"				
H	Tail swing radius	3300 mm 9'0"				
I	Track length on ground	4020 mm 13'2"				
J	Track length	5026 mm 16'6"				
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 27.6"				
N	Grouser height	37 mm 1.5"				
O	Machine cab height	2815 mm 9'3"				
P	Upper structure width	2995 mm 9'10"				
Q	Distance, swing center to rear end	3500 mm 11'6"				

*= HD Arm



WORKING RANGE AND BUCKET/ARM COMBINATION



		2200 7'3"	2550 8'4"	3190 10'6"	4020 13'2"	3190 10'6"
A	Max. digging height	9690 31'9"	10080 33'0"	10450 34'4"	10660 35'0"	10220 33'6"
B	Max. dumping height	6710 22'0"	7010 23'0"	7350 24'1"	7600 24'11"	7160 23'6"
C	Max. digging depth	6260 20'6"	6610 21'8"	7140 23'5"	8080 26'6"	7250 23'9"
D	Max. vertical wall digging depth	4960 16'3"	5720 18'9"	6240 20'6"	7110 23'4"	6630 21'9"
E	Max. digging depth of cut for 8' level	5900 19'4"	6290 20'0"	6940 22'9"	7810 25'7"	6940 22'9"
F	Max. digging reach	10150 33'3"	10550 34'7"	11100 36'5"	11900 39'0"	11080 36'4"
G	Max. digging reach at ground level	9920 33'10"	10320 32'6"	10890 35'9"	11700 38'5"	10870 35'8"
H	Min. swing radius	4390 14'5"	4400 14'5"	4310 14'2"	4210 13'10"	4360 14'4"
	Bucket digging force*	19100 kg 42,110 lb	19100 kg 42,110 lb	19100 kg 42,110 lb	19100 kg 42,110 lb	19100 kg 42,110 lb
	Arm crowd force*	19300 kg 42,500 lb	16900 kg 37,260 lb	14300 kg 31,530 lb	12200 kg 26,900 lb	15705 kg 34,620 lb

*at power max



BACKHOE BUCKET AND ARM COMBINATION

Bucket	Capacity	Width	Weight	Number of Teeth	Standard Arm				HD Arm
					2200 mm 7'3"	2550 mm 8'4"	3190 mm 10'6"	4020 mm 13'2"	3190 mm 10'6"
Standard Plate	0.96 m ³ 1.25 yd ³	762 mm 30"	1027 kg 2,264 lb	4	○	○	○	○	○
	1.15 m ³ 1.50 yd ³	914 mm 36"	1105 kg 2,435 lb	4	○	○	○	○	○
	1.44 m ³ 1.88 yd ³	1067 mm 42"	1221 kg 2,691 lb	5	○	○	○	○	○
	1.62 m ³ 2.12 yd ³	1219 mm 48"	1299 kg 2,865 lb	5	○	○	□	X	○
	1.91 m ³ 2.50 yd ³	1372 mm 54"	1433 kg 3,160 lb	6	○	□	▲	X	○
Heavy-Duty Plate	0.96 m ³ 1.25 yd ³	762 mm 30"	1255 kg 2,768 lb	4	○	○	○	○	○
	1.15 m ³ 1.50 yd ³	914 mm 36"	1364 kg 3,008 lb	4	○	○	○	○	○
	1.44 m ³ 1.88 yd ³	1067 mm 42"	1511 kg 3,331 lb	5	○	○	○	▲	○
	1.62 m ³ 2.12 yd ³	1219 mm 48"	1620 kg 3,571 lb	5	○	○	□	X	○
	1.91 m ³ 2.50 yd ³	1372 mm 54"	1780 kg 3,925 lb	6	○	□	▲	X	○
Heavy-Duty Cast	0.67 m ³ 0.88 yd ³	711 mm 28"	1063 kg 2,344 lb	3	○	○	○	○	○
	0.86 m ³ 1.12 yd ³	838 mm 33"	1192 kg 2,627 lb	4	○	○	○	○	○
	1.06 m ³ 1.38 yd ³	991 mm 39"	1239 kg 2,732 lb	5	○	○	○	○	○
	1.24 m ³ 1.62 yd ³	1143 mm 45"	1425 kg 3,141 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

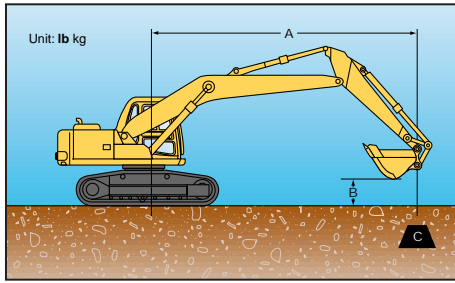


GUIDELINES FOR MATCHING ESCO BUCKETS WITH APPLICATIONS

Standard Duty Plate Bucket	Heavy-Duty Plate Bucket	Heavy-Duty Cast Bucket	Ditch Cleaning Bucket
<ul style="list-style-type: none"> General purpose Truck loading Mass excavation General excavation in loam solid, sandy soils or soils containing very little rock 	<ul style="list-style-type: none"> General excavation in compact soils or dense clay Excavation in gravel or loosely embedded to moderate rock conditions 	<ul style="list-style-type: none"> Shot rock conditions Tough and abrasive excavating 	<ul style="list-style-type: none"> General purpose ditch cleanout Very light excavating in loam or sandy soils



LIFTING CAPACITY



Equipment:

- Boom: 6470 mm **21'3"**
- Bucket: 0.97 m³ **1.38 yd³**
- Shoes: 700 mm **27.6"**
- 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: 2200 mm 7'3"													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'														*7600 *10,700	*7600 *16,700
6.1 m 20'								*8250 *18,200	*8250 *18,200	*7400 *16,400	7000 15,500			*7350 *16,200	6650 14,700
4.6 m 15'						*12100 *26,700	*12100 *26,700	*9250 *20,400	*9250 *20,400	*7800 *17,200	6850 15,100			*7300 *16,100	5700 12,600
3.0 m 10'						*14550 *32,100	14500 31,900	*10400 *22,900	9400 20,700	*8350 *18,400	5550 14,800			*7350 *16,300	5250 11,600
1.5 m 5'						*15700 *34,600	13700 30,200	*11050 *24,300	8750 19,300	*8750 *19,300	6400 14,100			*7500 *16,500	5150 11,300
0.0 m 0'						*15400 *34,000	13450 29,700	*11400 *25,100	8700 19,200	*8800 *19,400	6250 13,800			*7650 *16,800	5300 11,700
-1.5 m -5'				*13900 *30,700	*13900 *30,700	*14300 *31,500	13500 29,800	*10850 *24,000	8650 19,100	*8300 *18,300	6250 13,700			*7750 *17,100	5850 12,900
-3.0 m -10'				*15200 *33,600	*15200 *33,600	*12250 *27,000	*12250 *27,000	*9300 *20,500	8650 19,100					*7700 *16,000	7100 16,600
-4.6 m -15'						*8650 *19,100	*8650 *19,100							*6950 *15,300	*6950 *15,300

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: 2550 mm 8'4"													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'														*5600 *12,300	*5600 *12,300
6.1 m 20'										*7100 *15,600	7100 15,600			*5600 *12,100	*5500 *12,100
4.6 m 15'						*11450 *25,300	*11450 *25,300	*8900 *19,600	*8900 *19,600	*7650 *16,600	6900 15,200			*5700 *12,400	5250 11,600
3.0 m 10'						*14000 *30,900	*14000 *30,900	*10100 *22,200	*9450 *20,800	*8100 *17,900	6650 14,700	*6300 *13,900	4900 10,800	*6000 *13,200	4850 10,700
1.5 m 5'						*15500 *34,200	13850 30,500	*10900 *24,000	8850 19,800	*8600 *19,000	6400 14,100	*7100 *15,600	4800 10,000	*8800 *14,600	4750 10,500
0.0 m 0'						*15600 *34,400	13500 29,800	*11360 *25,100	8700 19,200	*8800 *19,400	6250 13,800			*7150 *15,800	4850 10,700
-1.5 m -5'				*12350 *27,200	*12350 *23,200	*14700 *32,400	13500 29,700	*11000 *24,300	8600 19,000	*8450 *18,700	6200 13,600			*7250 *16,000	5300 11,700
-3.0 m -10'				*16750 *37,000	*16750 *37,000	*12900 *28,400	*12900 *28,400	*9650 *21,300	8500 18,800					*7200 *15,900	6300 13,900
-4.6 m -15'				*12200 *26,900	*12200 *26,900	*9700 *21,400	*9700 *21,400	*7000 *15,500	*7000 *15,000					*6700 *14,800	*6700 *14,800

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: 3190 mm 10'6"													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'													*3750 *8,300	*3750 *8,300
6.1 m 20'									*5400 *11,900	*5400 *11,900			*3700 *8,200	*3700 *8,200
4.6 m 15'							*8200 *18,100	*8200 *18,100	*6500 *14,400	*6500 *14,400			*3800 *8,400	*3800 *8,400
3.0 m 10'					*12750 *28,100	*12750 *28,100	*9500 *21,000	*9500 *21,000	*7050 *15,500	7000 15,500	*5550 *11,200	5050 11,200	*4050 *8,900	*4050 *8,900
1.5 m 5'					*18000 *33,000	14150 31,300	*10650 *23,400	9150 20,100	*7750 *17,000	6750 14,900	*6650 *14,700	4950 10,900	*4450 *9,800	4900 9,500
0.0 m 0'			*7250 *16,000	*7250 *16,000	*15700 *34,600	13650 30,100	*11260 *24,800	8760 19,300	*8350 *18,400	6450 14,300	*6950 *16,300	4800 10,600	*5100 *11,200	4400 9,700
-1.5 m -5'	*7950 *17,500	*7950 *17,500	*11450 *26,300	*11450 *26,300	*15300 *33,700	13450 29,700	*11250 *24,800	8600 19,000	8700 *19,200	6250 13,800	7000 15,400	4700 10,400	6150 13,500	4700 10,400
-3.0 m -10'	*12200 *26,900	*12200 *26,900	*16700 *38,900	*16700 *38,900	*13900 *30,700	13550 29,900	*10400 *23,000	8600 19,000	*8650 *19,000	6150 13,600			*6800 *16,000	5450 12,000
-4.6 m -15'			*15150 *38,400	*15150 *38,400	*11350 *25,000	*11350 *25,000	*8450 *186,00	*8450 *18,600	*7850 *17,400	6150 13,600			*6650 *14,700	*6650 *14,700

Arm: 4020 mm 13'2"													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'		9.1 m 30'		⊗ Maximum	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.6 m 25'													*2850 *8,300	*2850 *8,300
6.1 m 20'											*4550 *10,200	*4050 *10,200	*2800 *6,100	*2800 *6,100
4.6 m 15'									*6350 *14,000	*6350 *14,000	*5800 *12,800	5200 11,400	*2850 *6,200	*2850 *6,200
3.0 m 10'			*17900 *39,500	*17900 *39,500	*11300 *24,900	*11300 *24,900	*8550 *18,900	*8550 *18,900	*7100 *15,700	6850 18,100	*6200 *13,700	5000 11,100	*3000 *6,500	*3000 *6,500
1.5 m 5'			*7650 *16,900	*7650 *16,900	*13800 *30,400	*13800 *30,400	*9900 *21,000	9250 20,400	*7850 *17,300	6550 14,400	*6500 *14,500	4850 10,700	*3250 *7,100	*3250 *7,100
0.0 m 0'			*7850 *17,300	*7850 *17,300	*15200 *33,7600	15200 30,200	*10850 *23,900	8800 19,400	*8400 *18,500	6250 13,800	*6850 *15,100	4700 10,300	*3650 *8,000	*3650 *8,000
-1.5 m -5'	*6600 *14,600	*6600 *14,600	*10450 *23,000	*10450 *23,000	*21500 *34,100	13350 29,400	*11150 *24,600	8500 18,800	*8600 *19,000	6100 13,400	*6850 *15,100	4600 10,100	*4300 *9,800	4000 8,900
-3.0 m -10'	*9900 *21,800	*9900 *21,800	*14250 *31,300	*14250 *31,300	*14700 *32,400	13260 29,300	*10800 *23,800	8450 18,600	*8250 *18,200	8000 19,900	*6150 *10,000	4600 10,100	*5400 *11,000	4600 10,000
-4.6 m -15'	*13800 *30,400	*13800 *30,400	*18100 *39,900	*18100 *39,900	*12850 *28,300	12850 28,300	*9550 *21,100	8500 18,800	*7060 *15,600	6100 13,500			*6150 *13,500	5550 12,200
-6.1 m -20'			*12860 *28,300	*12860 *28,300	*9450 *20,800	*9450 *20,800	*6750 *14,800	*6750 *14,800					*5800 *12,800	*5800 *12,800

Arm: 3190 mm 10'6" Heavy-Duty													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'									*5850 *12,900	*5850 *12,900			*4250 *9,400	*4250 *9,400
6.1 m 20'									*6150 *13,600	*6150 *13,600			*4200 *9,300	*4200 *9,300
4.6 m 15'							*7850 *17,300	*7850 *17,300	*6700 *14,700	*6700 *14,700	*5000 *13,200	4800 10,600	*4350 *9,600	*4350 *9,600
3.0 m 10'					*12200 *26,900	*12200 *26,900	*9100 *20,000	*9100 *20,000	*7350 *16,200	6450 14,200	*6250 *13,800	4650 10,200	*4550 *10,200	4100 9,100
1.5 m 5'					*14450 *31,800	13700 30,300	*10200 *22,400	8750 18,300	*7900 *17,500	6150 13,000	*6550 *14,400	4500 9,900	*5100 *11,300	4000 8,800
0.0 m 0'			*7650 *16,900	*7650 *16,900	*15100 *33,300	13150 29,900	*10750 *23,800	8400 18,500	*8250 *18,200	5900 13,000	*6600 *14,600	4400 9,700	*5900 *13,000	4100 9,000
-1.5 m -5'	*8450 *18,600	*8450 *18,600	*12250 *27,100	*12250 *27,100	*14700 *32,400	12950 28,600	*10700 *23,600	8200 18,100	*8200 *18,100	5800 12,800			*6400 *14,100	4400 9,800
-3.0 m -10'	*13050 *28,800	*13050 *28,800	*18000 *39,700	*18000 *39,700	*13300 *29,400	13050 28,800	*9900 *21,900	8200 18,100	*7450 *18,400	5800 12,800			*5450 *14,300	5150 11,400
-4.6 m -15'			*14450 *31,800	*14450 *31,800	*10800 *23,800	*10800 *23,800	*8000 *17,600	*8000 *17,600					*6300 *13,900	*6300 *13,900

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.



STANDARD EQUIPMENT

- Air cleaner, double element
- Alternator, **70A**
- Auto deceleration
- Auto warm-up
- 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, 6320 kg **13,930 lb**
- Dust proof net for radiator
- Electronic monitor
- Guard, fan
- Heater/defroster
- In-line filter
- Light, one front (RH)
- Overheat prevention
- Power max
- Pump/engine room partition
- Rearview mirror (RH and LH)
- Shoes, 700 mm **27.6"** triple grouser
- Speed down system
- Starting motor, 11 kW
- Swing parking brake
- Swing priority mode
- Track, guiding guard
- Travel alarm
- Turbocharger cover
- Vandalism protection locks



OPTIONAL EQUIPMENT

- Air conditioner
- Arm holding valve
- Cab front window guard
- Hydraulic control unit (for breaker)
- Refueling pump
- Service valves (up to three)
- Shoes
 - 600 mm **23.6"** triple grouser
 - 800 mm **31.5"** triple grouser
- Storage, hot/cold
- Track frame reinforcement kit
- Track roller guards (full length)
- Undercover
- Boom assembly
 - 6500 mm **21'3"**
 - 6500 mm **21'3"** with piping
 - 6500 mm **21'3"** HD
- Arm assembly
 - 2200 mm **7'3"**
 - 2550 mm **8'4"**
 - 2550 mm **8'4"** with piping
 - 3190 mm **10'6"**
 - 3190 mm **10'6"** with piping
 - 3190 mm **10'6"** with piping, HD
 - 4020 mm **13'2"**

SOLD ONLY WITH BUCKET

- Lug bushing
- Play adjustment mechanism

SUPPORT

Count on Komatsu and your local distributor for the support you deserve. Our success depends on satisfying your need for productive equipment and supporting that equipment. That's why we have one of the largest and strongest heavy-equipment distributor organizations in North America. Their personnel are not only trained to help you select the equipment that is best-matched for your business but to support that equipment.



Finance Through its finance company, Komatsu can offer you a wide variety of financing alternatives designed to meet your needs. Programs include municipal leases for governmental agencies, conditional sales contracts, and leases with \$1 purchase options for customers interested in owning their equipment. Ask your distributor about Komatsu leasing. We offer finance and operating leases and the unique *Advantage Lease* which offers you predetermined purchase, return, and renewal options.



Parts Three computer-linked parts distribution centers provide fast access to anywhere in the U.S. and Canada. Most parts are available overnight. Plus, Komatsu distributors keep a large assortment of commonly used parts in stock for immediate access.



Remanufactured parts Save money and still have the same warranty as new parts at a fraction of the cost with like-new remanufactured parts.



Maintenance Take advantage of the experience we have gained and ask your distributor about our factory-supported programs including: regular scheduled maintenance, oil and wear analysis, diagnostic inspections, undercarriage inspections, training, special service tools, parts programs, and even a special software program to help your distributor keep track of and manage service-related data.



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