

KOMATSU®

PC120-6 PC120LC-6

With Tier 2 SAA4D102E-2 Engine

NET HORSEPOWER

66.2 kW **89 HP** @ 2200 rpm

OPERATING WEIGHT

12600–12871 kg **27,780–28,375 lb**

BUCKET CAPACITY

0.34–0.70 m³ **0.44–0.92 yd³**



HYDRAULIC EXCAVATOR

Photo may include optional equipment.

WALK-AROUND

Since its original introduction,

the PC120-6 has set new standards for productivity and control. The improved PC120-6 introduces several outstanding new features to provide the operator with a faster, quieter and easier-to-service machine.

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 PC120-6's exceptional versatility.

Cushioned cylinders not only minimize shock but provide fast cycle times.

Windshield Wiper is mounted to the cab for easier window opening.

Advanced Monitor Features

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

Large undercarriage components are sealed for maximize durability.

Komatsu offers
over **20** different
excavator models.



Large boom cylinders provide maximum lift capacity.

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

Protected Hydraulic Circuit The cool-running hydraulic system is protected with the most extensive filtration system available.

New Komatsu SAA4D102E-2 turbocharged, aftercooled diesel engine provides an output of 66.2 kW 89 HP with excellent productivity. This engine is Tier 2 EPA, EU and Japan emissions certified.

Three-speed travel for smooth and efficient job site travel.



SELF-DIAGNOSTIC MONITOR

Self-Diagnostic System ...

The PC120-6 features the most advanced diagnostic system in the industry. Komatsu's exclusive system identifies 119 items, reduces diagnostic time, and helps you maintain maximum production. The LCD portion of the monitor has four different display modes that aid in identifying potential problems before they become major problems:



Diagnostic Display Modes:

Time Display mode is the default mode and shows the time and hour meter reading. **1**

The **User Code Display** mode displays a trouble code and sounds an alarm when a problem has been detected. **2**

The **Trouble Data Memory** mode monitors 32 separate items and stores up to 20 abnormalities over 999 hours for effective troubleshooting. **3**

The **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. **4**

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

Active mode + power up

The exclusive Active Power Max mode, which is turned on via a switch on the monitor panel and on the left control lever, increases engine speed, and the hydraulic relief pressure, for more powerful and faster operation.

WORKING MODE SELECTION

The **Avance** excavator is equipped with five working modes. Each mode is designed to match engine speed, pump speed, and system pressure with the current application.

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

POWER UP/SPEED DOWN SWITCH*

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

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



ENGINE

The new Komatsu SAA4D102E-2 engine is Tier 2 EPA, EU, and Japan emissions certified. A new hydraulic pump produces 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.

HYBRID FILTER ELEMENT

The PC120-6 has a cool-running hydraulic system with the most extensive filtration system available. It uses a new high-performance filter glass for improved cleanliness and extended replacement interval. The wide variety of attachments available today means you put more stress on your excavator than ever before.

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.

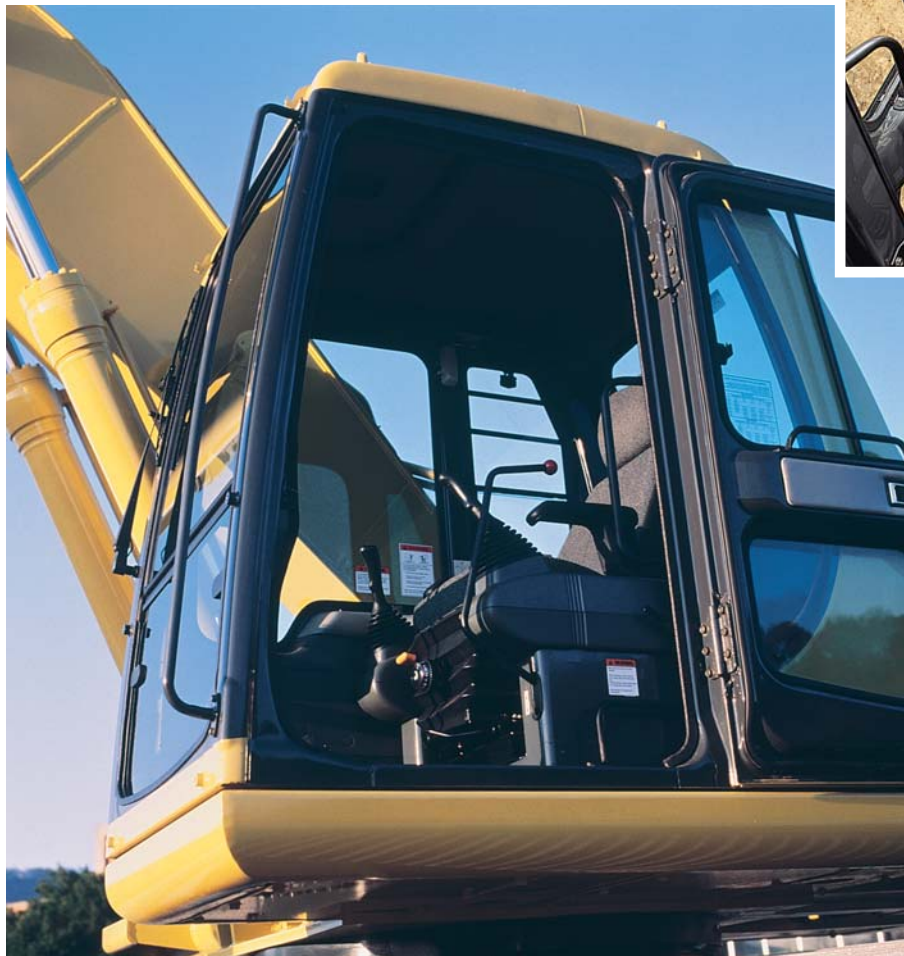
FOR EXAMPLE ...when the ground condition changes while digging, you don't have to think about changing lever strokes because HydrauMind instantly, silently, and automatically sends just the right amount of oil to the actuators at just the right pressure to accommodate the change.

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.



COMFORTABLE CAB

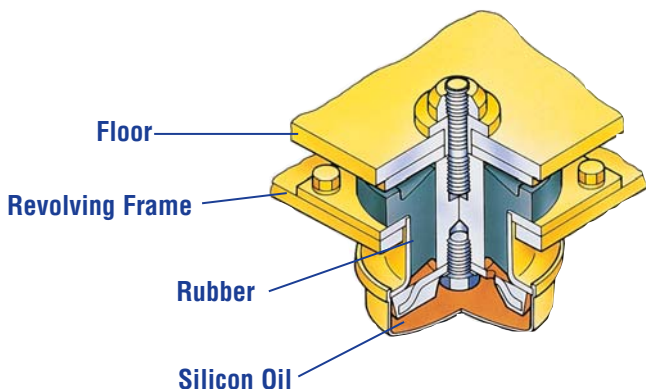


MULTI-POSITION CONTROLS

The multiple 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.

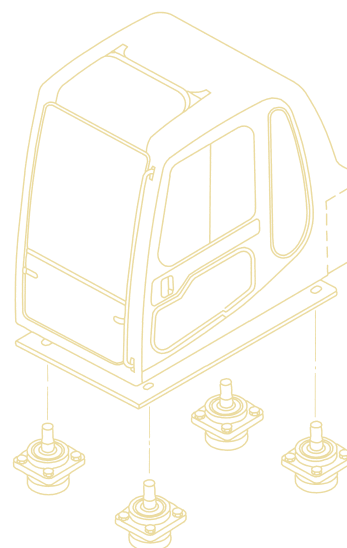


NOISE

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.

CAB MOUNTS

The cab rests on viscous damping mounts to reduce vibration and noise from the machine body. This results in reduced operator fatigue.



**Cab
Mounts**

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

PC120-6

Hydraulic Excavator

Net Horsepower:
66.2 kW 89 HP @ 2,200 RPM

Operating Weight:
12600–12871 kg
27,780–28,375 lb

Bucket Capacity:
0.34 - 0.70 m³
0.44 - 0.92 yd³

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

SPECIFICATIONS



ENGINE

Model Komatsu SAA4D102E-2
 Type 4 cycle, water-cooled, direct-injection
 Aspiration Turbocharged, and air to air aftercooled
 No. of cylinders 4
 Bore 95 mm **3.74"**
 Stroke 115 mm **4.53"**
 Piston displacement 3.26 ltr. **199 in³**
 Flywheel horsepower:
 66.2 kW **89 HP** at **2200 RPM** (SAE J1349)
 Governor All-speed, mechanical



HYDRAULIC SYSTEM

Type HydrauMind (Hydraulic Mechanical Intelligence New Design) system.
 Closed-center system with load-sensing valves and pressure-compensated valves.
 No. of selectable working modes 5
 Main pump:
 Type Variable-displacement piston pump
 Pumps for Boom, arm, bucket, swing, and travel circuits
 Maximum flow 1 x 226.3 ltr. **1 x 59.8 gpm/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 with swing holding brake
 Relief valve setting:
 Implement circuits 325 kg/cm² **4,620 PSI**
 Travel circuit 355 kg/cm² **5,050 PSI**
 Swing circuit 275 kg/cm² **3,910 PSI**
 Pilot circuit 30 kg/cm² **430 PSI**
 Service valve 280 kg/cm² **3,983 PSI**
 Hydraulic cylinders:
 Number of cylinders – bore x stroke
 Boom 2 – 105 mm x 990 mm **4.1" x 39.0"**
 Arm 1 – 115 mm x 1175 mm **4.5" x 46.3"**
 Bucket 1 – 95 mm x 885 mm **3.7" x 34.8"**
 Service valves maximum flow:
 First valve 226 ltr./min. **59.7 gpm**
 Second valve 113 ltr./min. **29.9 gpm**
 Third valve 113 ltr./min. **29.9 gpm**



OPERATING WEIGHT

Operating weight, including 4600 mm **15'1"** one-piece boom, 2500 mm **11'10"** arm, SAE heaped 0.5 m³ **0.65 yd³** back-hoe bucket, operator, lubricant, coolant, full fuel tank, and standard equipment.

		Standard				LC			
Shoes		Operating Weight		Ground Pressure		Operating Weight		Ground Pressure	
mm	in	kg	lb	kg/cm²	psi	kg	lb	kg/cm²	psi
500	20"	12030	26,522	0.40	5.69	N/A	N/A	N/A	N/A
600	24"	12220	26,940	0.34	4.83	12600	27,780	0.33	4.74
700	28"	12400	27,337	0.30	4.27	12800	28,220	0.29	4.12
750	30"	12490	27,535	0.28	3.98	N/A	N/A	N/A	N/A

*Maximum weight includes counterweight, full roller guard, and 0.5 m³ **0.65 yd³** bucket.



DRIVES & BRAKES

Steering control Two levers with pedals
 Drive method Fully hydrostatic
 Travel motor Axial piston motor, in-shoe design
 Reduction system Planetary gear, double -reduction
 Max. drawbar pull PC120-6: 10200 kg **22,487 lb**
 PC120LC-6: 11100 kg **24,470 lb**
 Max. travel speed (High) 5.0 km/h **3.1 MPH**
 Max. travel speed (Mid) 3.3 km/h **2.1 MPH**
 Max. travel speed (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 brake
 Swing speed 11.0 RPM
 Swing torque 2991 kg.m **21,627 ft lb**



UNDERCARRIAGE

Center frame X-frame
 Track frame Box-section type
 Seal of track Sealed track
 Track adjuster Hydraulic type
 No. of shoes PC120-6: 42 ea side
 PC120LC-6: 46 ea side
 No. of carrier rollers PC120-6: 1 ea side
 PC120LC-6: 2 ea side
 No. of track rollers PC120-6: 7 ea side
 PC120LC-6: 8 ea side



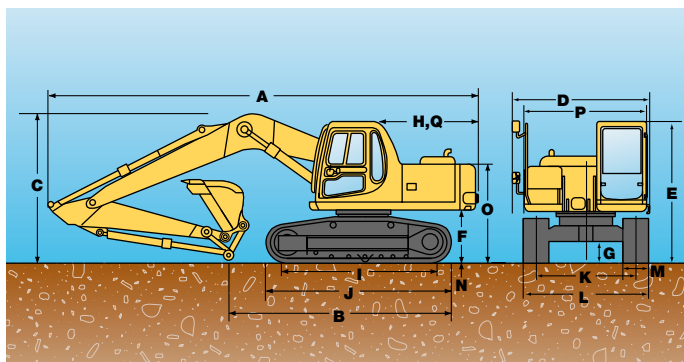
COOLANT & LUBRICANT CAPACITY (REFILLING)

Fuel tank 240 ltr. **63.4 U.S. gal**
 Radiator 18.2 ltr. **4.8 U.S. gal**
 Engine 17.5 ltr. **4.6 U.S. gal**
 Final drive, each side 3.0 ltr. **0.8 U.S. gal**
 Swing drive 2.5 ltr. **0.7 U.S. gal**
 Hydraulic tank 100 ltr. **26.4 U.S. gal**

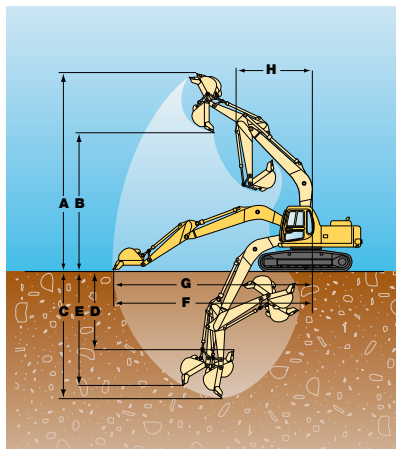


DIMENSIONS PC120-6

		2.1 m 6'11" arm	2.5 m 8'2" arm	3.0 m 9'10" arm
A	Overall length	7590 mm 24'11"	7595 mm 24'11"	7510 mm 24'8"
B	Length on ground (transport)	4515 mm 14'10"	4250 mm 13'11"	4090 mm 13'5"
C	Overall height (to top of boom)	2620 mm 8'7"	2715 mm 8'11"	3075 mm 10'1"
D	Overall width	2490 mm 8'2"		
E	Overall height (to top of cab)	2715 mm 8'11"		
F	Ground clearance, counterweight	855 mm 2'10"		
G	Min. ground clearance	400 mm 1'4"		
H	Tail swing radius	2130 mm 7'0"		
I	Length of track on ground	2750 mm 9'0"		
J	Track length	3480 mm 11'5"		
K	Track gauge	1960 mm 6'5"		
L	Width of crawler	2460 mm 8'1"		
M	Shoe width	600 mm 24"		
N	Grouser height	25 mm 1"		
O	Machine cab height	1805 mm 5'11"		
P	Machine cab width	2455 mm 8'1"		
Q	Distance, swing center to rear end	2110 mm 6'11"		



WORKING RANGE & BUCKET/ARM COMBINATION PC120-6



		2.1 m 6'11" arm	2.5 m 8'2" arm	3.0 m 9'10" arm
A	Max. digging height	8345 mm 27'5"	8610 mm 28'3"	8970 mm 29'5"
B	Max. dumping height	5905 mm 19'4"	6170 mm 20'3"	6535 mm 21'5"
C	Max. digging depth	*5115 mm 16'9"	5520 mm 18'1"	*6015 mm 19'9"
D	Max. vertical wall digging depth	*4520 mm 14'10"	4940 mm 16'2"	*5360 mm 17'7"
E	Max. digging depth of cut for 8' level	*4875 mm 16'0"	5315 mm 17'5"	*5835 mm 19'2"
F	Max. digging reach	7925 mm 26'0"	8290 mm 27'2"	8785 mm 28'10"
G	Max. digging reach at ground	7795 mm 25'7"	8170 mm 26'10"	8665 mm 28'5"
H	Min. swing radius	2290 mm 7'6"	2330 mm 7'8"	2485 mm 8'2"
Bucket digging force*		8500 kg 18,740 lb*	8500 kg 18,740 lb	8500 kg 18,740 lb
Arm crowd force		7500 kg 16,535 lb	6300 kg 13,890 lb	5250 kg 11,575 lb

*At power max



BACKHOE BUCKET AND ARM COMBINATION PC120-6

Bucket Type	Bucket							Arms		
	Capacity	OLW	Weight	Number of Teeth	Tooth Size	6'11"	8'2"	9'10"		
Komatsu "H" Series HD	0.35 m³	0.46 yd³	610 mm 24"	421 kg 928 lb	4	X220	V	V	V	
	0.50 m³	0.65 yd³	762 mm 30"	463 kg 1,021 lb	5	X220	V	V	V	
	0.60 m³	0.79 yd³	914 mm 36"	525 kg 1,157 lb	5	X220	V	W	X	
	0.70 m³	0.92 yd³	1067 mm 42"	564 kg 1,244 lb	6	X220	W	X	Y	
Komatsu "H" Series SD	0.34 m³	0.44 yd³	610 mm 24"	441 kg 972 lb	4	X220AP	V	V	V	
	0.45 m³	0.59 yd³	762 mm 30"	509 kg 1,122 lb	5	X220AP	V	V	V	
	0.56 m³	0.73 yd³	914 mm 36"	581 kg 1,280 lb	5	X220AP	V	V	X	
	0.67 m³	0.88 yd³	1067 mm 42"	652 kg 1,437 lb	6	X220AP	W	X	Y	

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

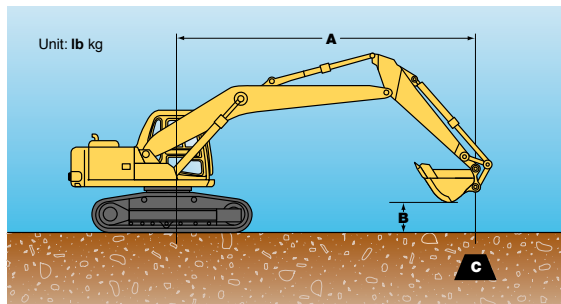
X – Used with weights up to 2,500 lb/yd³, Y – Used with weights up to 2,000 lb/yd³, Z – Not useable

PC120-6/LC-6 HYDRAULIC EXCAVATOR

LIFTING CAPACITIES



LIFTING CAPACITY PC120-6



Equipment:

- Boom: 4600 mm 15'1"
- Bucket: 0.5 m³ 0.65 yd³
- Shoes: 500 mm 20"
- 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: 2100 mm 6'11"										Unit: kg lb
B	1.5 m 5'		3.0 m 10'		4.5 m 15'		6.0 m 20'		⊗ MAX.	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
6.0 m 20'					*3400 *7,500	3150 6,900			*2200 *4,900	*2200 *4,900
4.5 m 15'					*3500 *7,800	3150 6,900	*2500 *5,500	1850 4,100	*2050 *4,500	1800 4,000
3.0 m 10'			*5800 *12,800	*5800 *12,800	4250 9,400	3000 6,600	2600 5,800	1800 4,000	*2100 *4,600	1500 3,300
1.5 m 5'			8100 17,800	5150 11,400	4050 8,900	2750 6,100	2550 5,600	1750 3,800	2000 4,600	1350 3,000
0.0 m 0'			7700 17,000	4850 10,700	3800 8,400	2550 5,600	2450 5,400	1700 3,700	2050 4,500	1400 3,100
-1.5 m -5'	*5300 *11,700	*5300 *11,700	7650 16,900	4800 10,600	3700 8,200	2450 5,400	2450 5,400	1650 3,600	2300 5,100	1550 3,500
-3.0 m -10'	*9250 *20,400	*9250 *20,400	*7350 *16,200	4900 10,800	3850 8,500	2500 5,700			3050 6,800	2100 4,600

Arm: 2500 mm 8'2"										Unit: kg lb
B	1.5 m 5'		3.0 m 10'		4.5 m 15'		6.0 m 20'		⊗ MAX.	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
6.0 m 20'									*1800 *3,900	*1800 *3,900
4.5 m 15'					*3150 *6,900	*3150 *6,900	2700 5,900	1900 4,200	*1650 *3,700	1600 3,500
3.0 m 10'			*5050 *11,100	*5050 *11,100	*3900 *8,600	3000 6,700	2650 5,800	1850 4,000	*1650 *3,700	1350 3,000
1.5 m 5'			*7700 *17,000	5300 11,700	4100 9,000	2800 6,200	2550 5,600	1750 3,900	1800 4,000	1250 2,700
0.0 m 0'			7750 17,100	4900 10,800	3900 8,600	2600 5,800	2450 5,400	1650 3,700	1850 4,100	1250 2,800
-1.5 m -5'	*4750 *10,500	*4750 *10,500	7650 16,900	4800 10,600	3700 8,100	2450 5,400	2400 5,300	1600 3,600	2050 4,500	1400 3,100
-3.0 m -10'	*7950 *17,500	*7950 *17,500	7700 17,000	4850 10,700	3800 8,400	2550 5,600			2650 5,800	1800 3,900
-4.5 m -15'			5200 10,500	5050 11,200					3550 7,800	3150 6,900

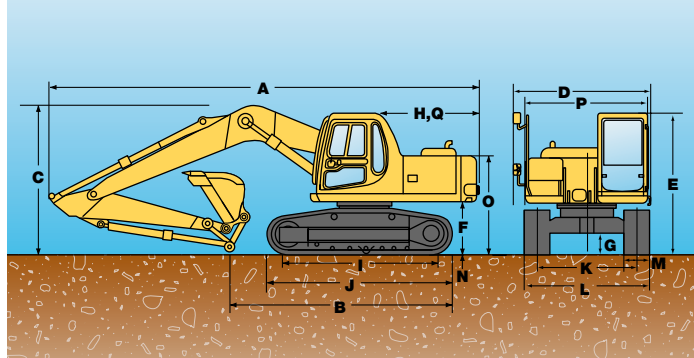
Arm: 3000 mm 9'10"										Unit: kg lb
B	1.5 m 5'		3.0 m 10'		4.5 m 15'		6.0 m 20'		⊗ MAX.	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
6.0 m 20'							*1850 *4,100	*1850 *4,100	*1450 *3,300	*1450 *3,300
4.5 m 15'							2750 6,000	1950 4,300	*1350 *3,000	*1350 *3,000
3.0 m 10'					*3400 *7,500	3100 6,800	2650 5,900	1850 4,100	*1400 *3,000	1150 2,600
1.5 m 5'			*6700 *14,800	5300 11,700	3950 8,700	2850 6,300	2550 5,600	1750 3,900	*1450 *3,200	1100 2,400
0.0 m 0'			7800 17,200	4900 10,800	3700 8,200	2600 5,800	2450 5,400	1650 3,600	1650 3,600	1100 2,400
-1.5 m -5'	4200 *9,300*	*4200 *9,300	7550 16,700	4700 10,400	3550 7,800	2400 5,300	2350 5,200	1600 3,500	1800 4,000	1200 2,600
-3.0 m -10'	*6800 *15,000	*6800 *15,000	7550 16,700	4700 10,400	3500 7,700	2400 5,300	2400 5,200	1600 3,500	2200 4,900	1500 3,300
-4.5 m -15'			6300 13,900	4900 10,800	3650 8,000	2550 5,700			3350 7,400	2300 5,000

*Load is limited by hydraulic capacity rather than tipping. Ratings are based on ISO Standard No. 10567. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.

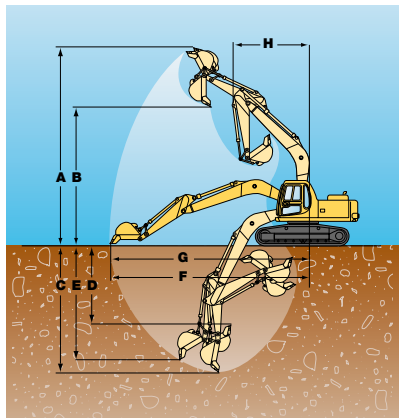


DIMENSIONS PC120LC-6

		2.1 m 6'11" arm	2.5 m 8'2" arm	3.0 m 9'10" arm
A	Overall length	7590 mm 24'11"	7595 mm 24'11"	7510 mm 24'8"
B	Length on ground (transport)	4690 mm 15'5"	4425 mm 14'6"	4265 mm 14'0"
C	Overall height (to top of boom)	2620 mm 8'7"	2715 mm 8'11"	3075 mm 10'1"
D	Overall width	2590 mm 8'6"		
E	Overall height (to top of cab)	2755 mm 9'0"		
F	Ground clearance, counterweight	895 mm 2'11"		
G	Min. ground clearance	400 mm 1'4"		
H	Tail swing radius	2130 mm 7'0"		
I	Length of track on ground	3100 mm 10'2"		
J	Track length	3830 mm 12'7"		
K	Track gauge	1990 mm 6'6"		
L	Width of crawler	2590 mm 8'6"		
M	Shoe width	600 mm 24"		
N	Grouser height	25 mm 1"		
O	Machine cab height	1845 mm 6'1"		
P	Machine cab width	2455 mm 8'1"		
Q	Distance, swing center to rear end	2110 mm 6'11"		



WORKING RANGE & BUCKET/ARM COMBINATION PC120LC-6

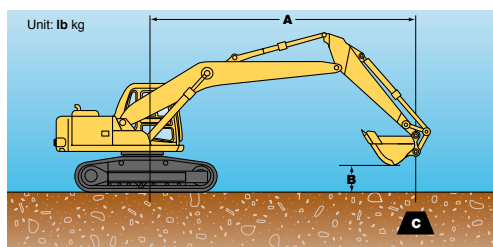


		2.1 m 6'11" arm	2.5 m 8'2" arm	3.0 m 9'10" arm
A	Max. digging height	8385 mm 27'6"	8650 mm 28'5"	9010 mm 29'6"
B	Max. dumping height	5945 mm 19'6"	6210 mm 20'4"	6575 mm 21'7"
C	Max. digging depth	5075 mm 16'8"	5480 mm 18'0"	5975 mm 19'7"
D	Max. vertical wall digging depth	4480 mm 14'9"	4900 mm 16'1"	5320 mm 17'6"
E	Max. digging depth of cut for 8' level	4835 mm 15'11"	5275 mm 17'4"	5795 mm 19'0"
F	Max. digging reach	7965 mm 26'1"	8325 mm 27'4"	8825 mm 28'11"
G	Max. digging reach at ground	7795 mm 25'7"	8170 mm 26'10"	8665 mm 28'5"
H	Min. swing radius	2290 mm 7'6"	2330 mm 7'8"	2485 mm 8'2"
	Bucket digging force*	8500 kg 18,740 lb	8500 kg 18,740 lb	8500 kg 18,740 lb
	Arm crowd force	7500 kg 16,535 lb	6300 kg 13,890 lb	5250 kg 11,575 lb

*At power max



LIFTING CAPACITY PC120LC-6



Equipment:

- Boom: 4600 mm 15'1"
- Bucket: 0.5 m³ 0.65 yd³
- Shoes: 600 mm 24"
- Lifting Mode

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

Arm: 2500 mm 8'2"										Unit: kg lb	
B \ A	1.5 m 5'		3.0 m 10'		4.5 m 15'		6.0 m 20'		⊗ MAX.		
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
6.0 m 20'									*1800 *3,900	*1800 *3,900	
4.5 m 15'					*3150 *6,900	*3150 *6,900	3050 6,700	2050 4,500	*1650 *3,700	1650 3,700	
3.0 m 10'			*5050 *11,100	*5050 *11,100	*3900 *8,600	3250 7,100	3250 7,200	2000 4,400	*1650 *3,700	1450 3,200	
1.5 m 5'			*7700 *17,000	5700 12,600	*4900 *10,800	3000 6,700	3150 7,000	1900 4,200	*1800 *4,000	1350 3,000	
0.0 m 0'			*8500 *18,700	5300 11,700	4900 10,800	2850 6,300	3100 6,800	1800 4,000	*2050 *4,500	1350 3,000	
-1.5 m -5'	*4750 *10,500	*4750 *10,500	*9000 *19,900	5200 11,400	4700 10,300	2650 5,800	3050 6,700	1750 3,900	*2550 *5,700	1550 3,400	
-3.0 m -10'	*7950 *17,600	*7950 *17,600	*7900 *17,400	5250 11,600	4800 10,600	2750 6,100			3300 7,300	1950 4,300	
-4.5 m -15'			*5200 *11,500	5200 11,500					*3550 *7,800	3400 7,500	



BACKHOE BUCKET AND ARM COMBINATION PC120LC-6

Bucket Type	Bucket						Arms		
	Capacity		OLW		Weight		Number of Teeth	Tooth Size	6'11" 8'2" 9'10"
Komatsu "H" Series HD	0.35 m ³	0.46 yd³	610 mm	24"	421 kg	928 lb	4	X220	V V V
	0.50 m ³	0.65 yd³	762 mm	30"	463 kg	1,021 lb	5	X220	V V V
	0.60 m ³	0.79 yd³	914 mm	36"	525 kg	1,157 lb	5	X220	V W X
	0.70 m ³	0.92 yd³	1067 mm	42"	564 kg	1,244 lb	6	X220	W X Y
Komatsu "H" Series SD	0.34 m ³	0.44 yd³	610 mm	24"	441 kg	972 lb	4	X220AP	V V V
	0.45 m ³	0.59 yd³	762 mm	30"	509 kg	1,122 lb	5	X220AP	V V V
	0.56 m ³	0.73 yd³	914 mm	36"	581 kg	1,280 lb	5	X220AP	V V X
	0.67 m ³	0.88 yd³	1067 mm	42"	652 kg	1,437 lb	6	X220AP	W X Y

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



STANDARD EQUIPMENT PC120-6/LC-6

- Air cleaner, double element
- Alternator, 25A
- Auto de-airation system for fuel line
- Batteries, 160Ah/2 x 12V
- Boom holding valve
- Cab which includes: antenna; ashtray; cigarette lighter; floor mat; front windshield wiper/washer; heater/defroster 3700 kcal **14,682 Btu**, luggage box; seat, fully adjustable w/suspension, double slide mechanism w/seat belt; window guard (RH)
- Cooling fan, mixed flow with fan guard
- Corrosion resistor
- Counterweight, 2305 kg **5,081 lb**
- Dustproof net for radiator and oil cooler
- Electronic monitor
- Fuel tank sight gauge protection
- Hydraulic Control:
 - Auto-deceleration
 - Auto engine warm-up
 - Engine overheat prevention
- Power maximizing system
- Speed down system
- Working mode selection
- Pump/engine room partition cover
- Rear view mirror (RH & LH)
- Shoes, 600 mm, **20"** (STD) (LC) Triple grouser
- Starting Motor, 5.5 kW
- Swing back prevention valve
- Turbocharger exhaust manifold cover
- Travel alarm
- Working mode selection



OPTIONAL EQUIPMENT PC120-6/LC-6

- Air conditioner with heater
 - Cooling, 4300 kcal/h **17,100 Btu**
 - Heating, 4000 kcal/h **15,870 Btu**
- Arm
 - 2.1 m **6'11"**
 - 2.1 m **6'11"** with piping
 - 2.5 m **8'2"**
 - 2.5 m **8'2"** with piping
 - 2.5 m **8'2"** heavy-duty
 - 2.5 m **8'2"** heavy-duty with piping
 - 3.0 m **9'10"**
- Arm holding valve
- Boom, one piece
 - 4.6 m **15'1"**
 - 4.6 m, **15'1"** heavy-duty with piping
- Hydraulic control unit
 - 1 additional actuator
 - 2 additional actuators
 - 3 additional actuators
- Pattern change valve
- Service valve
- Shoes, triple grouser
 - 500 mm **20"** (STD)
 - 700 mm **28"** (STD) (LC)
 - 750 mm **29.5"** (STD) (LC)
- Swing-back reducing valve
- Track guiding guards, center
- Under cover for track frame center

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