



PC400-7 PC400LC-7

FLYWHEEL HORSEPOWER
246 kW 330 HP @ 1850 rpm

OPERATING WEIGHT
PC400-7: 41400 – 42250 kg
91,270 – 93,140 lb

PC400LC-7: 42400 – 43300 kg
93,480 – 95,460 lb

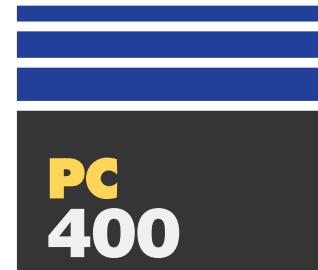


Photo may include optional equipment.

HYDRAULIC EXCAVATOR

WALK-AROUND



Building on the technology and expertise Komatsu has accumulated since its establishment in 1921, GALEO presents customers worldwide with a strong, distinctive image of technological innovation and exceptional value. The GALEO brand will be employed for Komatsu's full lineup of advanced construction and mining equipment. Designed with high productivity, safety and environmental considerations in mind, the machines in this line reflect Komatsu's commitment to contributing to the creation of a better world.

Genuine Answers for Land and Environment Optimization

Productivity Features

- **High Production and Low Fuel Consumption**

Production is increased during Active mode while fuel efficiency is improved.

- **Low Fuel Consumption and High Output Engine**

A powerful turbocharged and air to air aftercooled Komatsu SAA6D125E provides **246 kW 330 HP**.

Low fuel consumption is achieved by adopting an electronic controlled fuel injection system.

- **Large Digging Force**

Arm crowd force is increased 8% and bucket digging force is increased 9% when the Power Max function is applied. (compared with PC400-6).

- **Two-mode Setting for Boom**

Switch selection allows either powerful digging or smooth boom operation.

See page 4 and 5



- **Excellent Machine Stability**

Machine stability and balance is improved by a new design counterweight.

- **Higher Lifting Capacity**

PC400-7's lateral stability is improved and lifting capacity is increased.

See page 5

Harmony with Environment

- Economy mode saves fuel consumption (reduced by approx. 20%).
- Low operation noise
- Designed for optimal use of recyclable materials

Large Comfortable Cab

New PC400-7's cab volume is increased by 14%, offering an exceptionally roomy operating environment

- Highly pressurized cab with optional air conditioner
- Low noise design
- Low vibration with cab damper mounting
- OPG capable with optional bolt-on top guard

OPG (Operator Protective Guards) top guard level 2 by ISO 10262 (formerly FOG)

See page 6 and 7



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BUCKET CAPACITY
1.3 – 2.2 m³
1.70 – 2.88 yd³

Photo may include optional equipment.

Reduced revolving frame damage

- Clearance between the revolving frame and track increased by 30%.

See page 5

PRODUCTIVITY FEATURES

High Production and Low Fuel Consumption

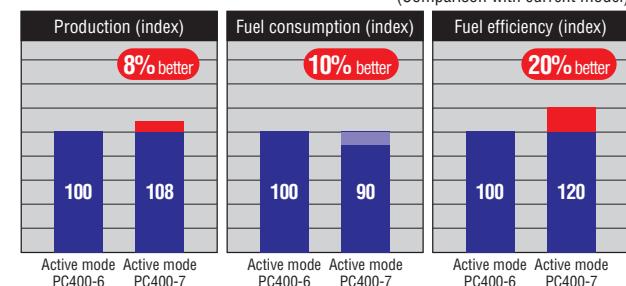
High production and low fuel consumption are achieved through the following two operation modes:

Active mode, with maximum engine output to handle large production, while keeping fuel consumption low; and Eco mode for light duty applications, which enables operation at a speed comparable to Active mode with even lower fuel consumption. The two modes, Active mode for handling “large production” and Eco mode for “low fuel consumption” have been significantly improved.

ACTIVE MODE

This mode handles large production by providing powerful and speedy operation, and achieves economical efficiency by substantial reduction of fuel consumption.

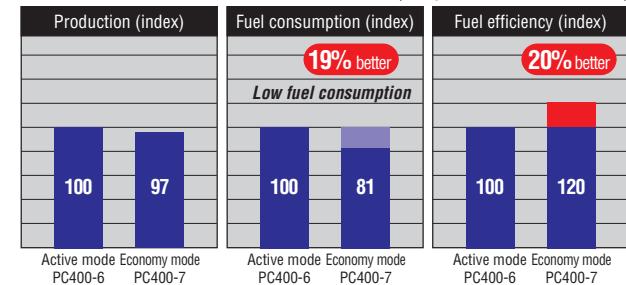
(Comparison with current model)



ECONOMY MODE

Operation speed equal to that of the Active mode can be achieved when handling light duty operation while also keeping fuel consumption low.

(Comparison with current model)



Electronically Controlled High Power Engine Installed

A 246kW (330HP) Komatsu SAA6D125E engine, is the largest in its class. High power and low fuel consumption are achieved by optimizing fuel injection via electronic control.



Maximum Digging Force among the 40-ton Class

With the addition of a one-touch power max. function (operation time of 8.5 seconds), the digging force has been further increased.

Maximum arm crowd force (ISO):
198 kN (20.2t) → **214 kN (21.8t)** **8% better***
(with Power Max.)

Maximum bucket digging force (ISO):
252 kN (25.7t) → **275 kN (28.0t)** **9% better***
(with Power Max.)

*(comparison with current model)

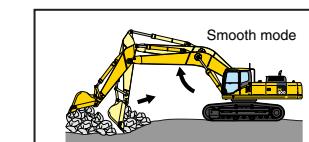
Smooth Loading Operation

Two return hoses improve hydraulic performance. In the arm out function, a portion of the oil is efficiently returned to the tank.

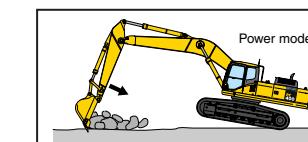


Two Boom Settings

Smooth mode provides easy operation for gathering blasted rock or scraping down operation. When maximum digging force is needed, switch to Power mode for more effective excavating.



Boom floats upward, reducing lifting of machine front. This facilitates gathering blasted rock and scraping down operations.



Boom pushing force is increased, ditch digging and box digging operation on hard ground are improved.

Substantially Improved Stability

Improved lateral stability is achieved by increasing the counterweight (330kg 730lb) and improving the balance of the machine body.

Lateral Stability **PC400 - PC400LC** **15% better***

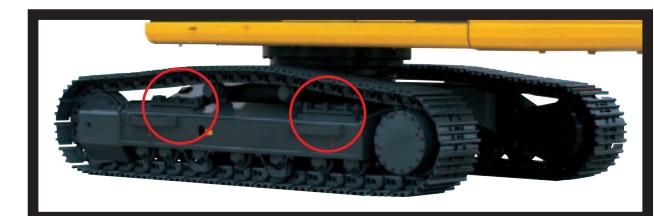
(*comparison with current model)

Large Lifting Capacity

PC400-7's improved lateral stability increases lifting capacity.

Variable Track Gauge (optional)

- Lateral stability is significantly improved when operating with the gauge extended.
- Lateral stability is increased by 30% (compared with the fixed gauge of the current model).
- Complies with transportation regulations by retracting the gauge.



Reduced Revolving Frame Damage

Damage to the revolving frame when going over rocks is reduced by increasing the clearance between the revolving frame and track.



clearance:
approx. 200mm (7.9")
30% increased

WORKING ENVIRONMENT

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

Large Comfortable Cab

Comfortable Cab

New PC400-7's cab volume is increased by 14%, offering an exceptionally comfortable operating environment. The large cab enables full flat reclining of the seat back with headrest.

Pressurized Cab

The optional air conditioner, air filter and a higher internal air pressure (6.0 mm Aq 0.2" in Aq) prevent external dust from entering the cab.

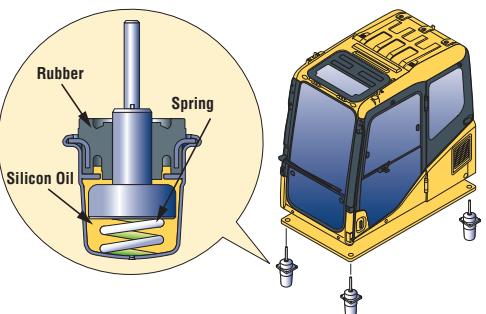
Low Noise Design

Noise level is remarkably reduced, not only engine noise but also swing and hydraulic relief noise.

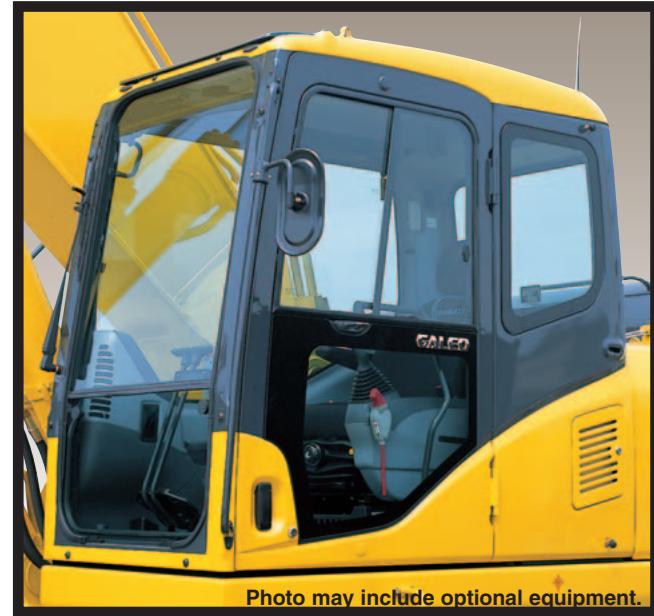
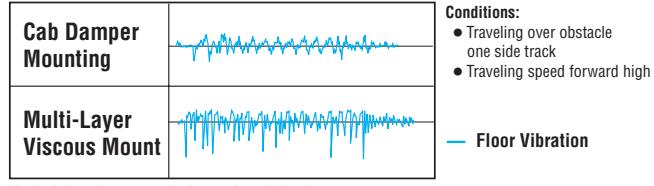
Low Vibration with Cab Damper Mounting

PC400-7 uses a new, improved cab damper mount system that incorporates longer stroke and the addition of a spring. The new cab damper mounting combined with a strengthened left and right side deck aids vibration reduction at the operator's seat.

Vibration at floor is reduced from 120 dB (VL) to 115 dB (VL). dB (VL) is index for expressing size of vibration.

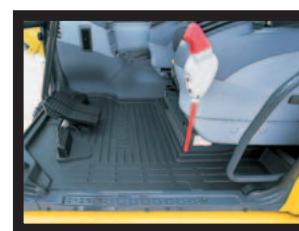


Comparison of Riding Comfort



Automatic Air Conditioner (optional)

A 6,900 kcal air conditioner is utilized. The bi-level control function keeps the operator's head and feet cool and warm respectively. This improved air flow function keeps the inside of the cab comfortable throughout the year.



Washable Cab Floormat
The PC400-7's cab floormat is easy to keep clean. The gently inclined surface has a flanged floormat and drainage holes to facilitate runoff.



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 control levers to move together or independently, allowing the operator to position the controls for maximum productivity and comfort.



Safety Features

Cab

OPG (FOG) capable with optional bolt-on top guard.

Wide Visibility

The right side window pillar has been removed and the rear pillar reshaped to provide better visibility. Blind spots have been decreased by 34%.

Pump/engine room partition

prevents oil from spraying on the engine if a hydraulic hose should burst.

Thermal and fan guards

are placed around high-temperature parts of the engine and fan drive.

Steps with non-skid sheet and large handrail

Steps with non-skid sheet provide anti-slip footing for added safety.



MAINTENANCE FEATURES

Self-Diagnostic Monitor

The PC400-7 features the most advanced diagnostics system in the industry. The Komatsu exclusive system identifies maintenance items, reduces diagnostic times, indicates oil and filter replacement hours and displays error codes.

Continuous Machine Monitoring System

When turning the starting switch ON, Check-before-starting items and caution items appear on the liquid crystal panel. If abnormalities are found, a warning lamp blinks and a warning buzzer sounds. The continuous machine condition checks help prevent the development of serious problems and allows the operator to concentrate on the controls.

Abnormalities Shown on Electronic System Display

When an error occurs during operation, a user code is displayed. When an critical user code is displayed, a caution lamp blinks and a warning buzzer sounds to prevent the development of serious problems.

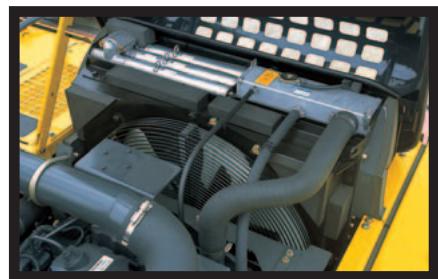
Oil Maintenance Function

When the machine exceeds oil or filter replacement time, the oil maintenance monitor lights to inform operator.

Easy Maintenance

Easy removal and installation of the radiator (side-by-side cooling)

Removal and installation of the radiator and oil cooler are made easier by locating them side-by-side.



Easy Access for Engine Inspection

The engine oil check pipe, oil filler, and oil filter, etc., are located on the left side of the engine.

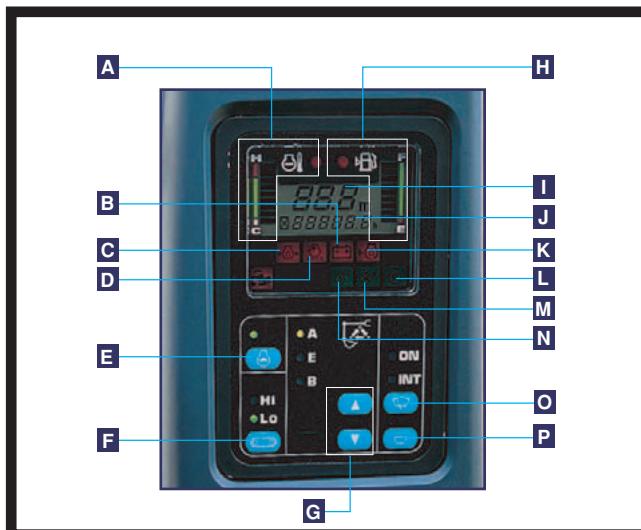


Reducing Maintenance Costs

Hydraulic oil filter replacement interval is extended from 500 to 1000 hours. Engine oil and filter replacement interval are extended from 250 to 500 hours.



New hydraulic oil filter



- | | |
|--------------------------------|--------------------------------|
| A Engine Water Temperature | I User or Trouble Code Display |
| B Battery Charge | J Service Meter Display |
| C Engine Oil Pressure | K Engine Oil Level |
| D Air Cleaner Clogging Monitor | L Engine Preheat |
| E Auto-Decel Switch | M Swing Lock Display |
| F Travel Speed Select Switch | N Oil Maintenance |
| G Working Mode Select Switch | O Windshield Wiper Switch |
| H Fuel Level Monitor | P Windshield Washer Switch |

VALUE ADDED OPTIONS

Multi-Function Color Monitor

A newly developed Multi-Function Color Monitor has multiple functions, such as Working mode selection, hydraulic pump oil flow adjustment for matching to attachment, and maintenance interval notice, etc.

Working Mode Selection

The Multi-Function Color Monitor has **Lifting mode** in addition to the standard three-mode selection (**A**, **E**, and **B** modes).

Working Mode	Application	Advantage
A	Active mode	<ul style="list-style-type: none"> • Maximum production/power • Fast cycle times
E	Economy mode	<ul style="list-style-type: none"> • Excellent fuel economy
L	Lifting mode	<ul style="list-style-type: none"> • Hydraulic pressure is increased by 7%
B	Breaker operation	<ul style="list-style-type: none"> • Optimum engine rpm, hydraulic flow

Hydraulic Pump Oil Flow Adjustment System

When installing attachments (breaker, crusher, etc.) and B, A, or E mode is selected, it is possible to adjust engine and hydraulic pump discharge flow to match attachment characteristics. Selection is possible throughout the LCD (Liquid Crystal Display). This system also allows throttling of the attachment side discharge flow to provide smooth work equipment movement and compound operation with work equipment and attachment.

High-Capacity Air Cleaner

High capacity air cleaner is comparable to that of larger machine. The air cleaner can extend air cleaner life during long-term operation and prevents early clogging and resulting power decrease. Reliability is improved by a new seal design.



Maintenance Costs Reduced

Work Equipment Lubrication Intervals Are Extended with Optional BMRC Bushings

The lubrication interval is greatly extended by using BMRC bushings on the work equipment. Also, resin shims are applied to prevent friction sound between end faces at the work equipment pin bracket. (except bucket pin bushings)

Work Equipment Lubrication Interval unit: hours

	PC400-7	PC400-6
Boom foot and boom cylinder bottom bushings	500	50
Other bushings*	500	100

(*: except bucket pin bushings)



BMRC (Beta Matrix Reinforced Copper Alloy)

A bushing made by combining a sintered copper layer impregnated with oil for better fitting and a backing metal. It is used for severe application parts which receive low rocking stresses and high loads to prevent creaking and scuffing because of its excellent sliding characteristics.



Resin shim

Resin made shims are used for work equipment pin connections (except bucket connections) to reduce noise.

Fuel Tank Capacity Increased

Fuel tank capacity is increased from 605 ltr 160 U.S. gal to 650 ltr 172 U.S. gal to extend operating hours before refueling. The fuel tank is treated for rust prevention and improved corrosion resistance.

SPECIFICATIONS

**ENGINE**

Model Komatsu SAA6D125E-3
 Type Water-cooled, 4-cycle, direct injection
 Aspiration Turbocharged, aftercooled
 Number of cylinders 6
 Bore 125 mm 4.92"
 Stroke 150 mm 5.91"
 Piston displacement 11.04 ltr 674 in³
 Flywheel horsepower:
 ISO 9249 / SAE J1349 Gross 259 kW 347 HP
 Net 246 kW 330 HP

Rated rpm 1850 rpm
 Governor All-speed control, electronic

**HYDRAULICS**

Type Hydramind (Hydraulic Mechanical Intelligence New Design) system, closed-center system with load sensing valves and pressure compensated valves
 Number of selectable working modes 3
 Main pump:

Type Variable displacement piston type
 Pumps for Boom, arm, bucket, swing, and travel circuits
 Maximum flow 690 ltr/min 182 U.S. gal/min
 Supply for control circuit Self-reducing valve
 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 37.3 MPa 380 kgf/cm² 5,400 psi
 Travel circuit 37.3 MPa 380 kgf/cm² 5,400 psi
 Swing circuit 27.9 MPa 285 kgf/cm² 4,050 psi
 Pilot circuit 3.2 MPa 33 kgf/cm² 470 psi

Hydraulic cylinders:
 (Number of cylinders – bore x stroke x rod diameter)
 Boom 2–160 mm x 1570 mm x 110 mm 6.3" x 61.8" x 4.3"
 Arm except 2.4 m 7'10"
 1–185 mm x 1820 mm x 120 mm 7.3" x 71.7" x 4.7"
 for 2.4 m 7'10"
 1–185 mm x 1590 mm x 120 mm 7.3" x 62.6" x 4.7"
 Bucket 1–160 mm x 1270 mm x 110 mm 6.3" x 50" x 4.3"

**DRIVES AND BRAKES**

Steering control Two levers with pedals
 Drive method Hydrostatic
 Maximum drawbar pull 329 kN 33510 kgf 73,880 lb
 Gradeability 70%, 35°
 Maximum travel speed: High 5.5 km/h 3.4 mph
 (Auto-Shift) Low 3.0 km/h 1.9 mph
 Service brake Hydraulic lock
 Parking brake Mechanical disc brake

**SWING SYSTEM**

Drive method Hydrostatic
 Swing reduction Planetary gear
 Swing circle lubrication Grease-bathed
 Service brake Hydraulic lock
 Holding brake/Swing lock Mechanical disc brake
 Swing speed 9.0 rpm

**UNDERCARRIAGE**

Center frame X-frame
 Track frame Box-section
 Seal of track Sealed track
 Track adjuster Hydraulic
 Number of shoes (each side):

PC400-7 46
 PC400LC-7 49

Number of carrier rollers 2 each side

Number of track rollers (each side):

PC400-7 7

PC400LC-7 8

**COOLANT AND LUBRICANT CAPACITY (REFILLING)**

Fuel tank 650 ltr 172 U.S. gal
 Coolant 34.2 ltr 9.0 U.S. gal
 Engine 38.0 ltr 10.0 U.S. gal
 Final drive, each side 12.0 ltr 3.2 U.S. gal
 Swing drive 16.2 ltr 4.3 U.S. gal
 Hydraulic tank 248 ltr 65.5 U.S. gal

**OPERATING WEIGHT (APPROXIMATE)**

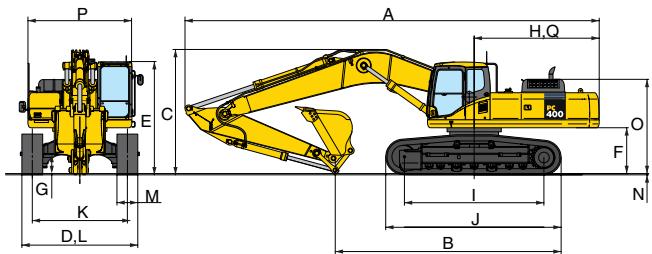
Operating weight including 7060 mm 23'2" one-piece boom,
 3380 mm 11'1" arm, SAE heaped 1.9 m³ 2.49 yd³ bucket, rated
 capacity of lubricants, coolant, full fuel tank, operator, and standard
 equipment.

Shoes	PC400-7		PC400LC-7	
	Operating Weight	Ground Pressure	Operating Weight	Ground Pressure
600 mm 23.6"	41400 kg 91,270 lb	77.5 kPa 0.79 kgf/cm ² 11.2 psi	42400 kg 93,480 lb	74.5 kPa 0.76 kgf/cm ² 10.8 psi
700 mm 27.6"	41820 kg 92,200 lb	67.7 kPa 0.69 kgf/cm ² 9.81 psi	42850 kg 94,470 lb	64.7 kPa 0.66 kgf/cm ² 9.39 psi
800 mm 31.5"	42250 kg 93,140 lb	59.8 kPa 0.61 kgf/cm ² 8.67 psi	43300 kg 95,460 lb	56.9 kPa 0.58 kgf/cm ² 8.25 psi

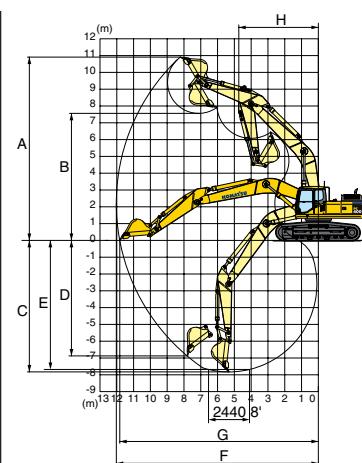
**DIMENSIONS**

A	Arm Length	2400 mm 7'10"	2900 mm 9'6"	3380 mm 11'1"	4000 mm 13'1"
B	Overall length	11905 mm 39'1"	11995 mm 39'4"	11940 mm 39'2"	11950 mm 39'2"
C	Length on ground (transport): PC400-7 PC400LC-7	8210 mm 26'11" 8375 mm 27'6"	7310 mm 24'0" 7475 mm 24'6"	6540 mm 21'5" 6705 mm 22'0"	6165 mm 20'3" 6330 mm 20'9"
D	Overall height (to top of boom)	3850 mm 12'8"	3745 mm 12'3"	3635 mm 11'11"	3885 mm 12'9"

	PC400-7	PC400LC-7	
D	Overall width	3340 mm 11'0"	3440 mm 11'3"
E	Overall height (to top of cab)	3265 mm 10'9"	3265 mm 10'9"
F	Ground clearance, counterweight	1320 mm 4'4"	1320 mm 4'4"
G	Ground clearance (minimum)	555 mm 1'10"	550 mm 1'10"
H	Tail swing radius	3645 mm 12'0"	3645 mm 12'0"
I	Track length on ground	4020 mm 13'2"	4350 mm 14'3"
J	Track length	5025 mm 16'6"	5355 mm 17'7"
K	Track gauge	2740 mm 9'0"	2740 mm 9'0"
L	Width of crawler	3340 mm 11'0"	3440 mm 11'3"
M	Shoe width	600 mm 23.6"	700 mm 27.6"
N	Grouser height	37 mm 1.5"	37 mm 1.5"
O	Machine cab height	2715 mm 8'11"	2715 mm 8'11"
P	Machine cab width	2995 mm 9'10"	2995 mm 9'10"
Q	Distance, swing center to rear end	3605 mm 11'10"	3605 mm 11'10"

**WORKING RANGE**

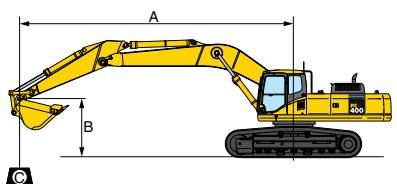
	Arm	2400 mm 7'10"	2900 mm 9'6"	3380 mm 11'1"	4000 mm 13'1"
A	Max. digging height	10310 mm 33'10"	10285 mm 33'9"	10915 mm 35'10"	11025 mm 36'2"
B	Max. dumping height	7070 mm 23'2"	7080 mm 23'3"	7565 mm 24'10"	7715 mm 25'4"
C	Max. digging depth	6845 mm 22'6"	7345 mm 24'1"	7820 mm 25'8"	8445 mm 27'8"
D	Max. vertical wall digging depth	5305 mm 17'5"	5700 mm 18'8"	6870 mm 22'6"	7285 mm 23'11"
E	Max. digging depth of cut for 8' level	6650 mm 21'10"	7155 mm 23'6"	7680 mm 25'2"	8315 mm 27'3"
F	Max. digging reach	11080 mm 36'4"	11445 mm 37'7"	12025 mm 39'5"	12565 mm 41'3"
G	Max. digging reach at ground level	10855 mm 35'7"	11230 mm 36'10"	11820 mm 38'9"	12365 mm 40'7"
H	Min. swing radius	4835 mm 15'10"	4810 mm 15'9"	4735 mm 15'6"	4800 mm 15'9"
SAE rating	Bucket digging force at power max.	241 kN 24600 kgf/54,230 lb	240 kN 24500 kgf/54,010 lb	239 kN 24400 kgf/53,790 lb	239 kN 24400 kgf/53,790 lb
	Arm crowd force at power max.	241 kN 24600 kgf/54,230 lb	245 kN 25000 kgf/55,120 lb	205 kN 20900 kgf/46,080 lb	184 kN 18800 kgf/41,450 lb
ISO rating	Bucket digging force at power max.	277 kN 28200 kgf/62,170 lb	276 kN 28100 kgf/61,950 lb	275 kN 28000 kgf/61,730 lb	270 kN 27500 kgf/60,630 lb
	Arm crowd force at power max.	254 kN 25900 kgf/57,100 lb	257 kN 26200 kgf/57,760 lb	214 kN 21800 kgf/48,060 lb	190 kN 19400 kgf/42,770 lb

**BACKHOE BUCKET, ARM, AND BOOM COMBINATION**

Bucket Capacity (heaped)	Width	Weight	Number of Teeth	Arm Length				
				SAE, PCSA	CECE	Without Side Cutters	With Side Cutters	2.4 m 7'10"
1.3 m ³ 1.70 yd ³	1.2 m ³ 1.57 yd ³	1120 mm 44.1"	1270 mm 50.0"	1115 kg	2,460 lb	4	○	○
1.6 m ³ 2.09 yd ³	1.4 m ³ 1.83 yd ³	1270 mm 50.0"	1420 mm 55.9"	1197 kg	2,640 lb	4	○	○
1.9 m ³ 2.49 yd ³	1.7 m ³ 2.22 yd ³	1475 mm 58.1"	1625 mm 64.0"	1358 kg	2,990 lb	5	○	○
**1.9 m ³ 2.49 yd ³	1.7 m ³ 2.22 yd ³	—	1625 mm 64.0"	1				



LIFTING CAPACITY



A: Reach from swing center
B: Bucket hook height
C: Lifting capacity

Cf: Rating over front
Cs: Rating over side
●: Rating at maximum reach

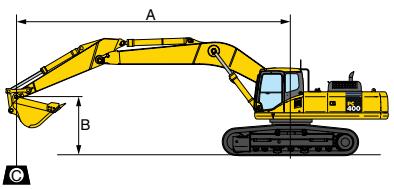
PC400-7		Arm: 3380 mm 11'1"		Bucket: 1.9 m ³ 2.49 yd ³ SAE heaped		Shoe: 600 mm 23.6" triple grouser								
B	A	MAX		9.0 m 29'		7.5 m 24'		6.0 m 19'		4.5 m 14'		3.0 m 9'		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
7.5m 24'	*5750 kg *12600 lb	*5750 kg *12600 lb	*6700 kg *14700 lb	6300 kg *13800 lb										
6.0m 19'	*5750 kg *12600 lb	5150 kg 11300 lb	*8400 kg *18500 lb	6250 kg 13700 lb	*9150 kg *20100 lb	8700 kg 19100 lb								
4.5m 14'	*5950 kg *13000 lb	4650 kg 10100 lb	*8850 kg *19500 lb	6050 kg 13300 lb	*10100 kg *22100 lb	8350 kg 18300 lb	*12050 kg *26500 lb	*12050 kg *26500 lb						
3.0m 9'	*6250 kg *13700 lb	4350 kg 9500 lb	8580 kg 19400 lb	5850 kg 12800 kg	*11100 kg *24400 kg	7900 kg 17400 kg	*13900 kg *42800 kg	11250 kg 17450 kg	38400 kg 38400 kg					
1.5m 4'	6600 kg 14400 lb	4250 kg 9300 lb	8500 kg 18800 lb	5600 kg 12300 lb	11500 kg 25200 lb	7550 kg 16500 kg	*15400 kg *33900 kg	10550 kg 16100 kg	*20800 kg *45800 kg					
0.0m 0'	6750 kg 14700 lb	4300 kg 9400 lb	8400 kg 18400 lb	5450 kg 11900 lb	11150 kg 24500 lb	7250 kg 15900 kg	15850 kg 34900 kg	10100 kg 21100 kg	*19800 kg *43600 kg	15550 kg 34200 kg				
-1.5m -4'	7150 kg 15700 lb	4600 kg 10100 lb	8300 kg 18200 lb	5350 kg 11700 kg	11000 kg 24100 kg	7050 kg 15500 kg	15650 kg 34400 kg	15400 kg 21700 kg	*21500 kg *39300 kg	15400 kg 33900 kg	*12950 kg *28500 kg			
-3.0m -9'	8050 kg 17700 lb	5200 kg 11400 lb	8300 kg 18300 lb	5400 kg 11800 kg	10950 kg 24100 kg	7050 kg 15500 kg	*15050 kg *33100 kg	9850 kg 14300 kg	*19700 kg *41800 kg	15550 kg *41800 kg	*19000 kg *41800 kg			
-4.5m -14'	*8550 kg *18700 lb	6400 kg 14000 lb			*9900 kg *21600 kg	7200 kg 15800 kg	*13000 kg *28600 kg	10050 kg 22100 kg	*16750 kg *47900 kg	15850 kg *47900 kg	*21750 kg *47900 kg			
-6.0m -19'	*7700 kg *16900 lb	*7700 kg *16900 lb					*9050 kg *19800 kg	*11950 kg *26200 kg			*11950 kg *26200 kg	*12950 kg *28500 kg		

PC400-7		Arm: 2400 mm 7'10"		Bucket: 1.9 m ³ 2.49 yd ³ SAE heaped		Shoe: 600 mm 23.6" triple grouser							
B	A	MAX		9.0 m 29'		7.5 m 24'		6.0 m 19'		4.5 m 14'		3.0 m 9'	
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.5m 24'	*9700 kg *21300 lb	7750 kg 17000 lb			*9850 kg *21600 lb	8600 kg 18900 lb							
6.0m 19'	*9500 kg *20800 lb	6400 kg 14000 lb			*10300 kg *22600 lb	8450 kg 18600 kg							
4.5m 14'	8500 kg 18600 kg	5650 kg 12300 kg	8950 kg 19600 kg	5950 kg 13000 kg	*11100 kg *24300 kg	8150 kg 17900 kg	*13500 kg *29700 kg	11650 kg 25600 kg	*18400 kg *40500 kg	18150 kg 40000 kg			
3.0m 9'	7950 kg 17500 kg	5250 kg 11500 kg	8750 kg 19200 kg	5800 kg 12700 kg	11750 kg 25800 kg	7800 kg 17100 kg	*14900 kg *32800 kg	10650 kg 23400 kg					
1.5m 4'	7850 kg 17200 kg	5100 kg 11200 kg	8600 kg 18800 kg	5600 kg 12300 kg	11400 kg 25100 kg	7450 kg 16400 kg	16150 kg 35500 kg	10350 kg 22700 kg					
0.0m 0'	8050 kg 17700 kg	5250 kg 11500 kg	8450 kg 18600 kg	5500 kg 12100 kg	11150 kg 24600 kg	7250 kg 15900 kg	15800 kg 34800 kg	10050 kg 22000 kg	*15150 kg *33400 kg				
-1.5m -4'	8750 kg 19200 kg	5700 kg 12500 kg			11100 kg 24400 kg	7200 kg 15800 kg	*15600 kg *34400 kg	9950 kg 14300 kg	*19550 kg *34300 kg	15600 kg 34300 kg			
-3.0m -9'	*9850 kg *21600 lb	6650 kg 14600 lb			*10850 kg *23900 kg	7250 kg 15900 kg	*14000 kg *30700 kg	10100 kg 22200 kg	*17550 kg *45400 kg	15800 kg *45400 kg	*20600 kg *45400 lb		
-4.5m -14'	*9300 kg *20400 lb	8800 lb 19300 lb					*10700 kg *23500 kg	10150 kg 22300 kg	*13700 kg *30100 kg	*13700 kg *30100 kg	*13700 kg *30100 kg		

PC400-7		Arm: 2900 mm 9'6"		Bucket: 1.9 m ³ 2.49 yd ³ SAE heaped		Shoe: 600 mm 23.6" triple grouser							
B	A	MAX		9.0 m 29'		7.5 m 24'		6.0 m 19'		4.5 m 14'		3.0 m 9'	
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.5m 24'	*8800 kg *19400 lb	7000 kg 15300 lb			*9100 kg *19900 lb	8700 kg 19100 kg							
6.0m 19'	8700 kg 19100 kg	5800 kg 12700 kg	*8800 kg *19300 kg	6050 kg 13300 kg	*9600 kg *21100 kg	8500 kg 18700 kg							
4.5m 14'	7800 kg 17100 kg	5150 kg 11200 kg	8900 kg 19600 kg	5900 kg 13000 kg	*10450 kg *23000 kg	8150 kg 17900 kg	*12650 kg *27800 kg	11750 kg 25800 kg	*16850 kg *37100 kg				
3.0m 9'	7350 kg 16100 kg	4800 kg 10500 kg	8700 kg 19100 kg	5700 kg 12500 kg	*11400 kg *25100 kg	7750 kg 17000 kg	*14400 kg *31700 kg	10950 kg 24000 kg					
1.5m 4'	7200 kg 15800 kg	4650 kg 10200 kg	8500 kg 18800 kg	5500 kg 12100 kg	11300 kg 24900 kg	7350 kg 16200 kg	*15650 kg *34400 kg	10250 kg 22600 kg					
0.0m 0'	7400 kg 16200 kg	4750 kg 10400 kg	8300 kg 18300 kg	5350 kg 11700 kg	11050 kg 24200 kg	7100 kg 15600 kg							



LIFTING CAPACITY WITH LIFTING MODE ON MULTI-FUNCTION COLOR MONITOR



A: Reach from swing center
B: Bucket hook height
C: Lifting capacity

Cf: Rating over front
Cs: Rating over side
C: Rating at maximum reach

PC400-7		Arm: 3380 mm 11'1"		Bucket: 1.9 m³ 2.49 yd³ SAE heaped		Shoe: 600 mm 23.6" triple grouser					
A	MAX	9.0 m 29'		7.5 m 24'		6.0 m 19'		4.5 m 14'		3.0 m 9'	
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.5m 24'	*6400 kg *14100 lb	6050 kg *13300 lb	*7450 kg *16300 lb	6300 kg *13800 lb							
6.0m 19'	*6400 kg *14000 lb	5150 kg *11300 lb	9250 kg *20300 lb	6250 kg *13700 lb	*10200 kg *22400 lb	8700 kg *19100 lb					
4.5m 14'	*6600 kg *14400 lb	4650 kg *10100 lb	9050 kg *19900 lb	6050 kg *13300 lb	*11250 kg *24700 lb	8350 kg *18300 lb	*13350 kg *29400 lb	12050 kg *26500 lb			
3.0m 9'	6700 kg 14700 lb	4350 kg 9500 lb	8850 kg 19400 lb	5850 kg 12800 lb	11900 kg 26200 lb	7900 kg 17400 lb	*15500 kg *34000 lb	11250 kg *24700 lb	17450 kg *38400 lb		
1.5m 4'	6600 kg 14400 lb	4250 kg 9300 lb	8600 kg 18800 lb	5600 kg 12300 lb	11500 kg 25200 lb	7550 kg 16500 lb	16400 kg *36100 lb	10550 kg *50100 lb	16100 kg *35400 lb		
0.0m 0'	6750 kg 14700 lb	4300 kg 9400 lb	8400 kg 18400 lb	5450 kg 11900 kg	11150 kg 24500 lb	7250 kg 15900 kg	15650 kg 34400 lb	10100 kg *34900 lb	12150 kg *34200 lb		
-1.5m -4'	7150 kg 15700 lb	4600 kg 10100 lb	8300 kg 18200 lb	5350 kg 11700 kg	11000 kg 24100 kg	7050 kg 15500 kg	9850 kg 34400 lb	*23950 kg *52700 kg	15400 kg *33900 lb	*14200 kg *31200 lb	*14200 kg *31200 lb
-3.0m -9'	8050 kg 17700 lb	5200 kg 11400 lb	8300 kg 18300 lb	5400 kg 11800 kg	10950 kg 24100 lb	7050 kg 15500 kg	9850 kg 34400 lb	*21950 kg *46400 kg	15550 kg *34100 kg	*20800 kg *45700 kg	*20800 kg *45700 kg
-4.5m -14'	*9650 kg *21100 kg	6400 kg 14000 lb			11100 kg 24400 lb	7200 kg 15800 kg	*14550 kg *32000 kg	10050 kg *34900 kg	15850 kg *53600 kg	*24350 kg *53600 kg	*24350 kg *53600 kg
-6.0m -19'	*8750 kg *19200 lb	*8750 kg *19200 lb					*10200 kg *22400 lb	*10200 kg *22400 lb	*13450 kg *29600 kg	*13450 kg *29600 kg	

PC400-7		Arm: 2400 mm 7'10"		Bucket: 1.9 m³ 2.49 yd³ SAE heaped		Shoe: 600 mm 23.6" triple grouser					
A	MAX	9.0 m 29'		7.5 m 24'		6.0 m 19'		4.5 m 14'		3.0 m 9'	
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.5m 24'	*10800 kg *23700 lb	7750 kg 17000 lb			*10950 kg *24000 lb	8600 kg 18900 lb					
6.0m 19'	9500 kg 20900 lb	6400 kg 14000 lb			*11450 kg *25100 lb	8450 kg 18600 lb					
4.5m 14'	8500 kg 18600 lb	5650 kg 12300 lb	8950 kg 19600 lb	5950 kg 13000 lb	12150 kg 26700 lb	8150 kg 17900 kg	*15000 kg *33000 lb	11650 kg *25600 lb	*20350 kg *44800 lb	18150 kg *40000 lb	
3.0m 9'	7950 kg 17500 lb	5250 kg 11500 kg	8750 kg 19200 lb	5800 kg 12700 kg	11750 kg 25800 kg	7800 kg 17100 kg	16500 kg 36300 kg	10650 kg 23400 kg			
1.5m 4'	7850 kg 17200 kg	5100 kg 11200 kg	8600 kg 18800 kg	5600 kg 12300 kg	11400 kg 25100 kg	7450 kg 16400 kg	16150 kg 35500 kg	11350 kg 22700 kg			
0.0m 0'	8050 kg 17700 lb	5250 kg 11500 lb	8450 kg 18600 kg	5500 kg 12100 kg	11150 kg 24600 kg	7250 kg 15900 kg	15800 kg 34800 kg	10050 kg 22000 kg	*16600 kg *36500 kg	15450 kg 34000 kg	
-1.5m -4'	8750 kg 19200 kg	5700 kg 12500 kg			11100 kg 24400 kg	7200 kg 15800 kg	15750 kg 34600 kg	9950 kg *49000 kg	*22250 kg *49000 kg	15600 kg 34300 kg	*17400 kg *38300 kg
-3.0m -9'	10200 kg 22400 lb	6650 kg 14600 kg			11200 kg 24600 kg	7250 kg 15900 kg	*15600 kg *34400 kg	10100 kg *43100 kg	*19600 kg *50800 lb	*23100 kg *50800 lb	*23100 kg *50800 lb
-4.5m -14'	*10450 kg *23000 lb	8800 kg 19300 lb					*12050 kg *26400 lb	10150 kg *22300 lb	*15400 kg *33800 kg		

PC400-7		Arm: 2900 mm 9'6"		Bucket: 1.9 m³ 2.49 yd³ SAE heaped		Shoe: 600 mm 23.6" triple grouser					
A	MAX	9.0 m 29'		7.5 m 24'		6.0 m 19'		4.5 m 14'		3.0 m 9'	
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.5m 24'	*9850 kg *21700 lb	7000 kg 15300 lb			*10150 kg *22200 lb	8700 kg 19100 lb					
6.0m 19'	8700 kg 19100 kg	5800 kg 19900 lb	9050 kg 19900 lb	6050 kg 13300 lb	*10700 kg *23500 lb	8500 kg 18700 kg					
4.5m 14'	7800 kg 17100 kg	5150 kg 12200 kg	8900 kg 19600 kg	5900 kg 13000 kg	*11700 kg *25700 kg	8150 kg 17900 kg	*14050 kg *30900 kg	11750 kg *25800 kg	*18650 kg *41000 kg	18600 kg *41000 kg	
3.0m 9'	7350 kg 16100 kg	4800 kg 10500 kg	8700 kg 19100 kg	5700 kg 12500 kg	11750 kg 25800 kg	7750 kg 17000 kg	*16000 kg *35200 kg	10950 kg *24000 kg			
1.5m 4'	7200 kg 15800 kg	4650 kg 10200 kg	8500 kg 18600 kg	5500 kg 12100 kg	11300 kg 24900 kg	7350 kg 16200 kg	16100 kg 35400 kg	10250 kg 22600 kg			
0.0m 0'	7400 kg 16200 kg	4750 kg 10400 kg	8300 kg 18300 kg	5350 kg 11700 kg	10500 kg 24200 kg	7100 kg 15600 kg	15650 kg 34400 kg	9900 kg 21700 kg	*22400 kg *49300 kg	15250 kg 33500 kg	
-1.5m -4'	7950 kg 17400 kg	5100 kg 12100 kg	8250 kg 18100 kg	5300 kg 11600 kg	10900 kg 24000 kg	7000 kg 15300 kg	15500 kg 34100 kg	9750 kg 21400 kg	*23000 kg *50700 lb	15250 kg 34900 kg	*23000 kg *54900 kg
-3.0m -9'	9100 kg 20000 kg	5900 kg 12900 kg									

**STANDARD EQUIPMENT**

- Alternator, 35 Ampere, 24V
- Auto-Decel
- Automatic engine warm-up system
- Automatic de-aeration system for fuel line
- Batteries, 110 Ah/2 x 12V
- Boom holding valve
- Cab, capable OPG (FOG) with optional bolt-on top guard
- Counterweight, **9220kg** 20,330lb
- Dry type air cleaner, double element
- Electric horn
- Engine, Komatsu SAA6D125E
- Engine overheat prevention system
- Fan guard structure
- Hydraulic track adjusters (each side)
- Monitor panel, 7-segment
- Power maximizing system
- PPC hydraulic control system
- Radiator & oil cooler dust proof net
- Rear view mirror, R.H.
- Starting motor, 7.5 kW
- Suction fan
- Track guiding guard, center section
- Track roller
 - PC400-7, 7 each side
 - PC400LC-7, 8 each side
- Track shoe
 - PC400-7, **600 mm** 23.6" triple grouser
 - PC400LC-7, **700 mm** 27.6" triple grouser
- Two settings for boom
- Working light, 2 (boom and RH)
- Working mode selection system

**OPTIONAL EQUIPMENT**

- Additional fuel filter with water separator
- Air conditioner with defroster, hot & cool box
- Alternator, 50 ampere, 24 V
- Arms
 - 2400 mm** 7'10" arm assembly
 - 2900 mm** 9'6" arm assembly
 - 3380 mm** 11'1" arm assembly
 - 4000 mm** 13'1" arm assembly
 - 4800 mm** 15'9" arm assembly
- Batteries, 140 Ah/2 x 12 V
- Bolt-on top guard, (Operator Protective Guards level 2 (FOG))
- Boom, **7060 mm** 23'2"
- Cab accessories
 - Rain visor
 - Sun visor
- Cab front guard
 - Full height guard
 - Half height guard
- Corrosion resistor
- Heater with defroster
- Long lubricating intervals for implement bushings
- Multi-Function Color Monitor
- Seat belt, retractable
- Seat, suspension
- Service valve
- Shoes, triple grouser shoes
 - PC400-7
 - 700 mm** 27.6", **800 mm** 31.5"
 - PC400LC-7
 - 600 mm** 23.6", **800 mm** 31.5"
- Track roller guards (full length)
- Track frame undercover
- Travel alarm
- Working lights (2 on cab)
- Variable gauge track frame
- Rearview mirror (LH)

**SPECIAL PURPOSE BUCKET**

- **Ripper bucket** for hard and rock ground
 - Capacity
 - SAE heaped **1.1 m³** 1.44 yd³
 - CECE heaped **1.0 m³** 1.31 yd³
 - Width **1250 mm** 49.2"
- **Single-shank ripper** is recommended for rock-digging and crushing, hard soil digging, pavement removal works, etc.

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