

HORSEPOWER

Gross: 270 kW 362 HP @ 1900 rpm

Net: 257 kW 345 HP @ 1900 rpm

OPERATING WEIGHT

PC400-8: 41740–42590 kg

92,020–93,890 lb

PC400LC-8: 42290–43200 kg

93,230–95,240 lb

KOMATSU®

PC400-8 PC400LC-8

ecot3

PC
400

HYDRAULIC EXCAVATOR

S STANDARD EQUIPMENT

- Alternator, 50 Ampere, 24V
- Anti-slip plates
- Auto-decel
- Automatic engine warm-up system
- Batteries, 110 Ah/2 x 12V
- Boom holding valve
- Cab, capable OPG (OPG) with optional bolt-on top guard
- Corrosion resistor
- Counterweight, **9220kg** 20,330lb
- Dry type air cleaner, double element
- Electric horn
- Engine, Komatsu SAA6D125E-5
- Engine overheat prevention system
- Fan guard structure
- Fuel pre-filter (with water separator)
- Hydraulic track adjusters (each side)
- Multi-function color monitor
- Power maximizing system
- PPC hydraulic control system
- Radiator & oil cooler dust proof net
- Rear reflector
- Rear view mirror (RH, LH)
- Seat belt, retractable
- Track guiding guard, center section
- Track roller
 - PC400-8, 7 each side
 - PC400LC-8, 8 each side
- Track shoe
 - PC400-8, **600 mm** 24" triple grouser
 - PC400LC-8, **700 mm** 28" triple grouser
- Travel alarm
- Two settings for boom
- Working light, 2 (boom and RH)
- Working mode selection system

O OPTIONAL EQUIPMENT

- Air conditioner with defroster, hot & cool box
- Alternator, 60 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 (OPG))
- Boom, **7060 mm** 23'2"
- Cab accessories
 - Rain visor
 - Sun visor
- Cab front guard
 - Full height guard
 - Half height guard
- Heater with defroster
- Long lubricating intervals for implement bushings
- Rear view mirror (rear and sidewise)
- Rear view monitoring system
- Seat, suspension
- Seat, suspension with heater
- Service valve
- Shoes, triple grouser shoes
 - PC400-8
 - 700 mm** 28", **800 mm** 31.5"
 - PC400LC-8
 - 600 mm** 24", **800 mm** 31.5"
- Track roller guards (full length)
- Track frame undercover
- Variable track gauge
- Working lights (2 on cab)

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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Photo may include optional equipment.

WALK-AROUND

Productivity Features

- **High Production and Low Fuel Consumption**

High power, working performance and fuel efficiency improve production and fuel costs.

- **Excellent Machine Stability**

Large counterweight offers superior machine stability and balance.

- **Large Digging Force**

Pressing the Power Max function button temporarily increases the digging force 7%.

- **Two-mode Setting for Boom**

Switch selection allows either powerful digging or smooth boom operation.

See page 5.

Large TFT LCD Monitor

- Easy-to-see and use 7" large multi-function color monitor
- Can be displayed in 12 languages for global support.

TFT : Thin Film Transistor
LCD : Liquid Crystal Display

See page 8.

Safety Design

- Cab dedicated to hydraulic excavator for protecting the operator in the event of machine rolls over.
- Anti-slip plates for safe work on machine
- Rear view monitoring system for easy checking behind the machine (optional)

See page 7.



Ecology and Economy Features

- Low emission engine

A powerful turbocharged and air to air aftercooled Komatsu SAA6D125E-5 engine provides 257 kW 345 HP. This engine meets EPA Tier 3 and EU Stage 3A emission regulations, without sacrificing power or machine productivity.

- Economy mode saves fuel consumption.

- Low operation noise

See pages 4 and 5.

Large Comfortable Cab

- Low-noise cab
- Low vibration with cab damper mounting
- Highly pressurized cab with optional air conditioner
- Operator seat and console with armrest that enables operations in the appropriate operational posture.

See page 6.



Photo may include optional equipment.

Variable Track Gauge (optional)

- Greatly increases lateral stability
- Compliant with transportation regulations

See page 5.

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OPERATING WEIGHT

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92,020 – 93,890 lb
PC400LC-8: 42290 – 43200 kg
93,230 – 95,240 lb

BUCKET CAPACITY

1.30 – 2.20 m³
1.70 – 2.88 yd³

PRODUCTIVITY & ECOLOGY FEATURES

Komatsu Technology



Komatsu develops and produces all major components, such as engines, electronics and hydraulic components, in house.

With this "Komatsu Technology," and adding customer feedback, Komatsu is achieving great advancements in technology.

To achieve both high levels of productivity and economical performance, Komatsu has developed the main components with a total control system. The result is a new generation of high performance and environment friendly excavators.

Environment-friendly Clean Engine

The PC400-8 gets its exceptional power and work capacity from a Komatsu SAA6D125E-5 engine. Output is **257 kW** 345 HP, providing increased hydraulic power and improved fuel efficiency.

Komatsu SAA6D125E-5 engine meets EPA Tier 3 and EU Stage 3A emission regulations with NOx emission reduced by 40%.

The SAA6D125E-5 engine adopts the electronically controlled Heavy Duty HPCR* fuel injection system and cooled EGR system with electronically controlled bypass-assist type venturi.

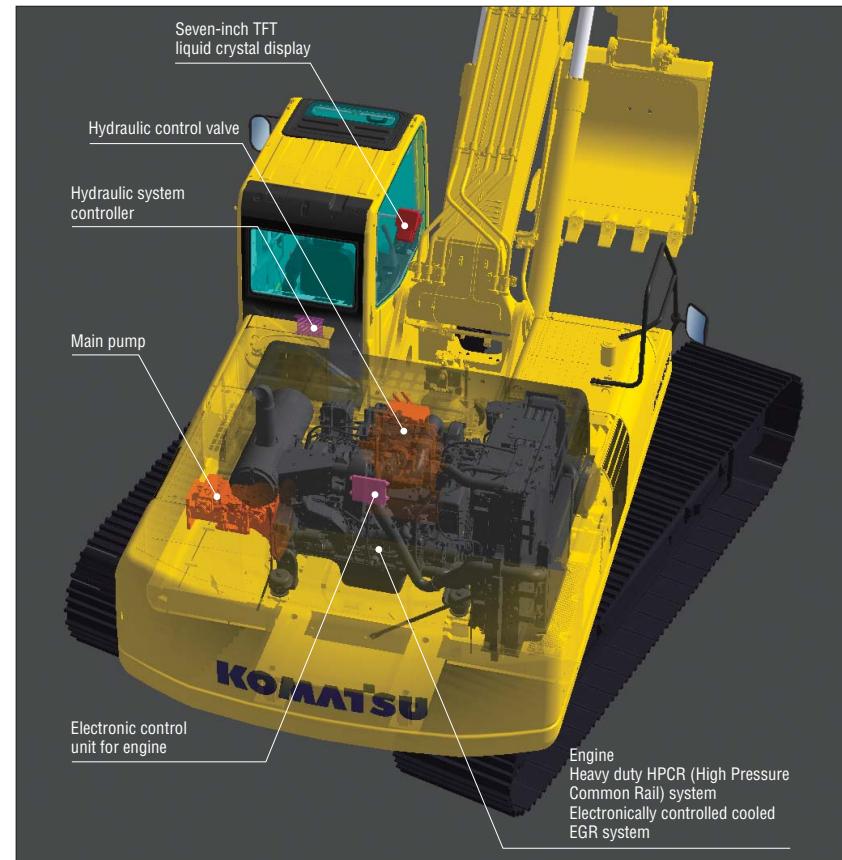
*HPCR : High Pressure Common Rail

Low Operation Noise

Enables a low noise operation using the low-noise engine and methods to cut noise at source. Ambient noise meets the EU Stage 2 noise regulation.

Excellent Machine Stability

Large counterweight offers superior machine stability and balance.



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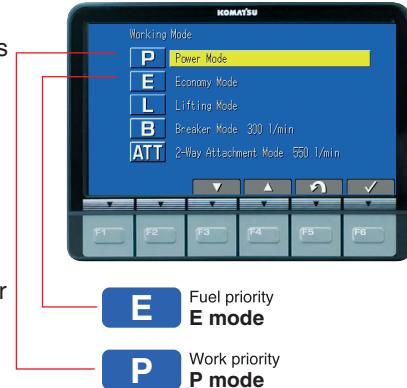
Working Modes Selectable

Two established work modes are further improved.

P mode – Power or work priority mode has low fuel consumption, but fast equipment speed and maximum production and power are maintained.

E mode – Economy or fuel priority mode further reduces fuel consumption, but maintains the P-mode-like working equipment speed for light duty work.

You can select Power or Economy modes using a one-touch operation on the monitor panel depending on workloads.



Eco-gauge that Assists Energy-saving Operations

Equipped with the Eco-gauge that can be recognized at a glance on the right of the multi-function color monitor for environment-friendly energy-saving operations. Allows focus on operation in the green range with reduced CO₂ emissions and efficient fuel consumption.



Idling Caution

To prevent unnecessary fuel consumption, an idling caution is displayed on the monitor, if the engine idles for 5 minutes or more.



Large Digging Force

With the one-touch Power Max. function digging force has been further increased. (8.5 seconds of operation)

Maximum arm crowd force (ISO):

200 kN (20.4t) → **214 kN (21.8t)** 7% UP (with Power Max.)

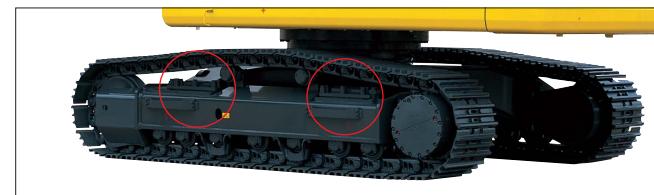
Maximum bucket digging force (ISO):

256 kN (26.1t) → **275 kN (28.0t)** 7% UP (with Power Max.)

*Measured with Power Max function, 3380 mm 11'1" arm and ISO rating

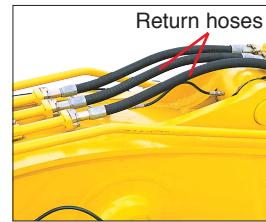
Variable Track Gauge (optional)

- Lateral stability is significantly improved when operating with the gauge extended.
- Lateral stability is increased by 30% (compared with the fixed gauge version).
- With trackframes retracted, overall width complies with many local transportation regulations.



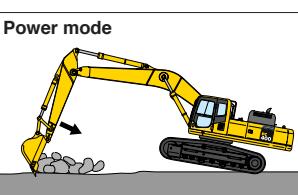
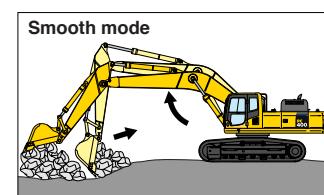
Smooth Loading Operation

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



Two-mode Setting for Boom

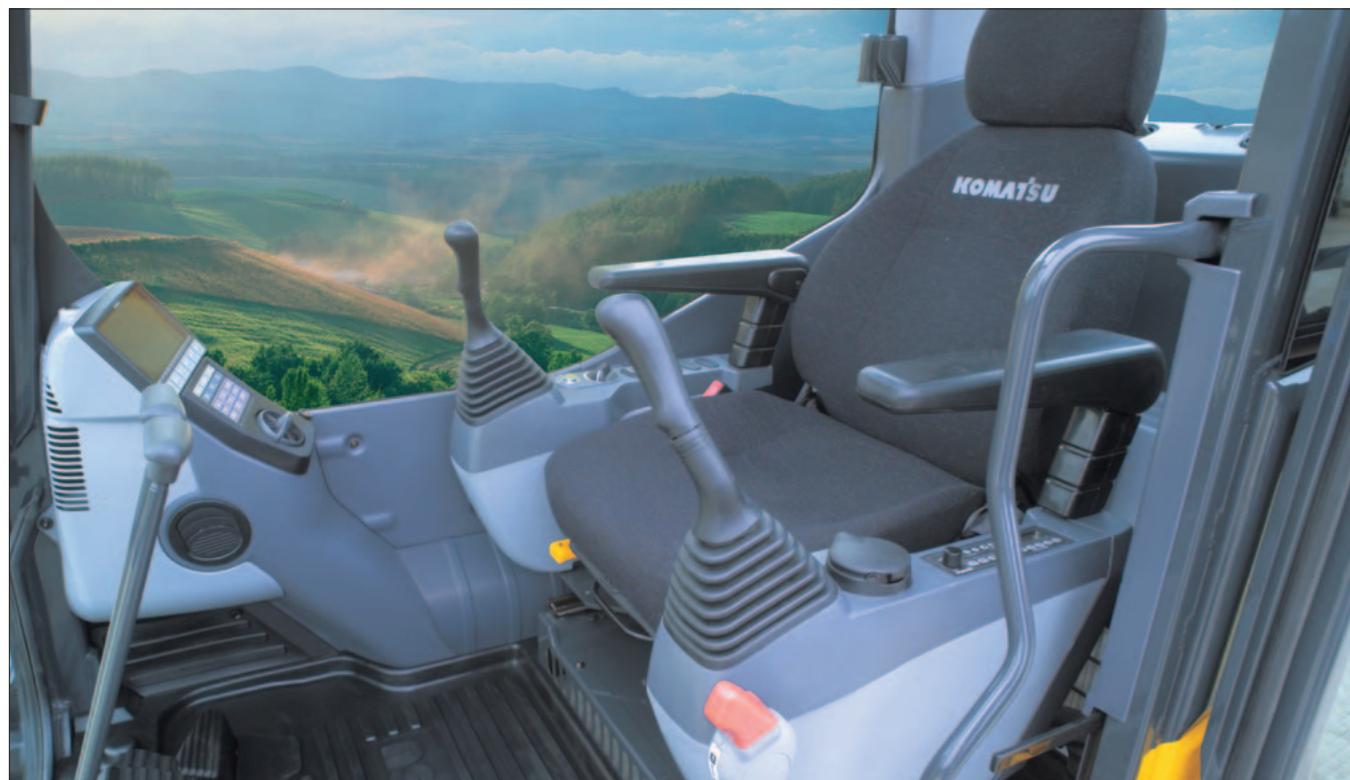
Smooth mode provides easy operation for gathering blasted rock or scraping down operation. When maximum digging force is needed, switch to Power mode for more effective excavating.



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.

WORKING ENVIRONMENT

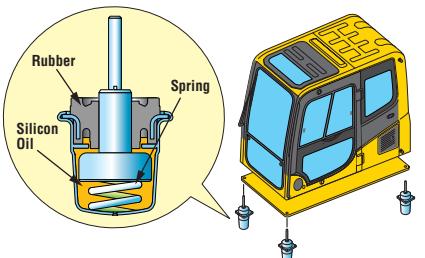


Low Cab Noise

The newly-designed cab is highly rigid and has excellent sound absorption ability. Thorough improvement of noise source reduction and use of low noise engine, hydraulic equipment, and air conditioner allows this machine to generate a low level of noise.

Low Vibration with Cab Damper Mounting

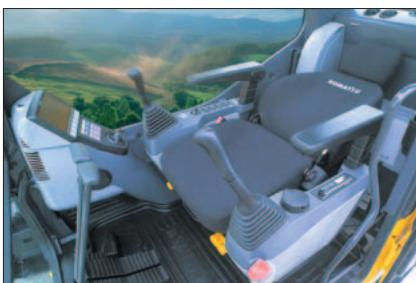
PC400-8 uses viscous damper mounting for cab that incorporates longer stroke and the addition of a spring. The new cab damper mounting combined with high rigidity deck aids vibration reduction at operator seat.



Wide Newly-designed Cab

Newly-designed wide spacious cab includes seat with reclining backrest. The seat height and longitudinal inclination are easily adjusted using a pull-up lever. You can set the appropriate operational posture of armrest together with the console.

Reclining the seat further enables you to place it into the fully flat state with the headrest attached.

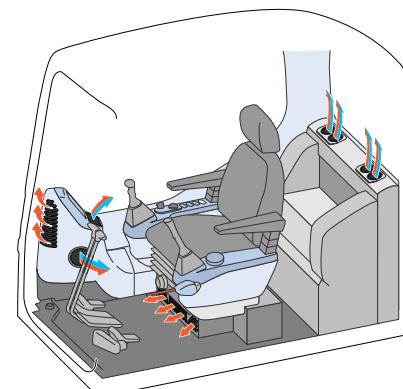


Pressurized Cab

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

Automatic Air Conditioner (optional)

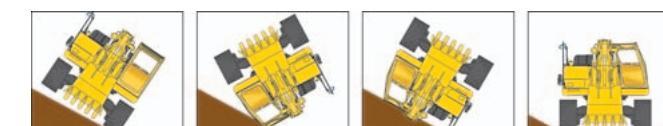
Enables you to easily and precisely set cab atmosphere with the instruments on the large LCD. The bi-level control function keeps the operator's head and feet cool and warm respectively. This improved air flow function keeps the inside of the cab comfortable throughout the year. Defroster function keeps front glass clear.



Safety Features

Cab Dedicated to Hydraulic Excavator

The cab is designed specifically for hydraulic excavators and gains reinforced strength from the pipe-structured cab framework. The cab framework provides the high durability and impact resistance with very high impact absorbency. The seat belt keeps the operator in the safety of the cab during a rollover.



Anti-slip Plates

Highly durable anti-slip plates maintain superior traction performance for the long term.



Lock Lever

Locks the hydraulic pressure to prevent unintentional movement. Neutral start function only allows machine to be started in lock position.



Pump/Engine Room Partition

Pump/engine room partition prevents oil from spraying onto the engine if a hydraulic hose should fail.



Thermal and Fan Guards

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



Large Serrated Steps



Large Hand Rail

MAINTENANCE FEATURES

Large LCD Color Monitor

Large Multi-lingual LCD Monitor

A large user-friendly color monitor enables safe, accurate and smooth work. Improved screen visibility is achieved by the use of TFT liquid crystal display that can easily be read at various angles and lighting conditions. Simple and easy to operate switches. Function keys facilitate multi-function operations. Displays data in 12 languages to globally support operators around the world.

- Indicators**
- ① Auto-decelerator
 - ② Working mode
 - ③ Travel speed
 - ④ Engine water temperature gauge
 - ⑤ Hydraulic oil temperature gauge
 - ⑥ Fuel gauge
 - ⑦ Eco-gauge
 - ⑧ Function switches menu

Basic operation switches

- ① Auto-decelerator
- ② Working mode selector
- ③ Traveling selector
- ④ Buzzer cancel
- ⑤ Wiper
- ⑥ Windshield washer



Mode Selection

The multi-function color monitor has Power mode, Economy mode, Lifting mode, Breaker mode and Attachment mode.

Working Mode	Application	Advantage
P	Power mode	<ul style="list-style-type: none"> • Maximum production/power • Fast cycle time
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
ATT	Attachment mode	<ul style="list-style-type: none"> • Optimum engine rpm, hydraulic flow, 2 way

Lifting Mode

When the Lifting mode is selected, lifting capacity is increased 7% by raising hydraulic pressure.

EMMS (Equipment Management Monitoring System)

Monitor Function

Controller monitors engine oil level, coolant temperature, battery charge and air clogging, etc. If controller finds any abnormality, it is displayed on the LCD.



Maintenance Function

Monitor informs replacement time of oil and filters on LCD when the replacement interval is reached.



Trouble Data Memory Function

Monitor stores abnormalities for effective troubleshooting.

Easy Maintenance

Easy Access to Engine Oil Filter and Fuel Drain Valve

Engine oil dipstick and fill, and fuel filter are mounted on same side to improve accessibility. Fuel drain valve are remotely mounted to improve accessibility.



Fuel Drain Valve

High Pressure In-line Filter

In-line filters are provided at outlet port (pressure side) of each pump to protect hydraulic system contamination.



Easy Radiator Cleaning

Since radiator and oil cooler are arranged side-by-side, it is easy to clean, remove and install them.

Equipped with Fuel Pre-filter (with Water Separator)

Removes water and contaminants in the fuel to prevent fuel problems.



Long-life Oil, Filter

Uses high-performance filtering materials and long-life oil. Extends the oil and filter replacement interval.



Engine oil & Engine oil filter	every 500 hours
Hydraulic oil	every 5000 hours
Hydraulic oil filter	every 1000 hours

Long Work Equipment Greasing Interval (optional)

High quality BMRC bushings and resin shims are optionally available for work equipment pins excluding bucket, extending greasing interval to 500 hours.



Large Fuel Tank Capacity

Large fuel tank capacity extends operating hours before refueling. Fuel tank is treated for rust prevention and improved corrosion resistance.



Photo may include optional equipment.

SPECIFICATIONS


ENGINE

Model	Komatsu SAA6D125E-5
Type	Water-cooled, 4-cycle, direct injection
Aspiration	Turbocharged, aftercooled, cooled EGR
Number of cylinders	6
Bore	125 mm 4.92"
Stroke	150 mm 5.91"
Piston displacement	11.04 ltr 674 in³
Horsepower:	
SAE J1995	Gross 270 kW 362 HP
ISO 9249 / SAE J1349	Net 257 kW 345 HP
Rated rpm	1900 rpm
Fan drive type	Mechanical
Governor	All-speed control, electronic
Meets EPA Tier 3 and EU Stage 3A emission regulations.	


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	4

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 motors 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

(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" arm
1–185 mm x 1820 mm x 120 mm	7.3" x 71.7" x 4.7"
for 2.4 m 7'10" arm	

Bucket	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	330 kN 33700 kgf 74,300 lb
Gradeability	70%, 35°
Maximum travel speed: High	5.5 km/h 3.4 mph
(Auto-Shift) Mid	4.0 km/h 2.5 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	9.1 rpm


UNDERCARRIAGE

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

PC400-8	46
PC400LC-8	49
Number of carrier rollers	2 each side

Number of track rollers (each side):	
PC400-8	7
PC400LC-8	8


COOLANT AND LUBRICANT CAPACITY (REFILLING)

Fuel tank	650 ltr 172 U.S. gal
Coolant	36.0 ltr 9.5 U.S. gal
Engine	37.0 ltr 9.8 U.S. gal
Final drive, each side	10.5 ltr 2.8 U.S. gal
Swing drive	20.0 ltr 5.3 U.S. gal
Hydraulic tank	248 ltr 65.5 U.S. gal

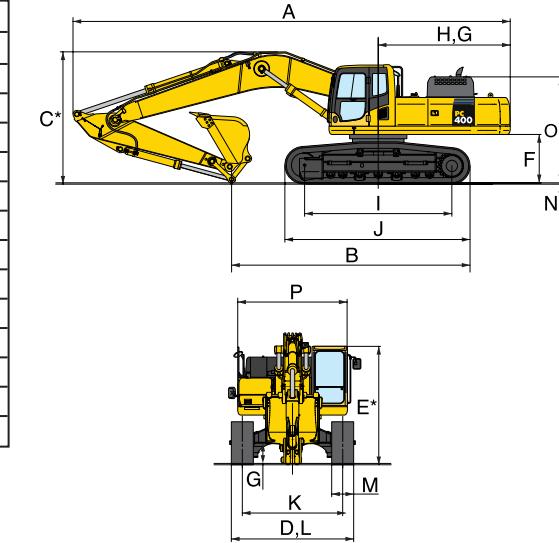

OPERATING WEIGHT (APPROXIMATE)

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	PC400-8		PC400LC-8	
	Operating Weight	Ground Pressure	Operating Weight	Ground Pressure
600 mm 23.6"	41740 kg 92,020 lb	77.5 kPa 0.79 kgf/cm² 11.3 psi	42290 kg 93,230 lb	73.3 kPa 0.75 kgf/cm² 10.6 psi
700 mm 27.6"	42160 kg 92,950 lb	67.3 kPa 0.69 kgf/cm² 9.76 psi	42740 kg 94,220 lb	63.5 kPa 0.65 kgf/cm² 9.24 psi
800 mm 31.5"	42590 kg 93,890 lb	59.5 kPa 0.61 kgf/cm² 8.63 psi	43200 kg 95,240 lb	56.2 kPa 0.57 kgf/cm² 8.15 psi


DIMENSIONS

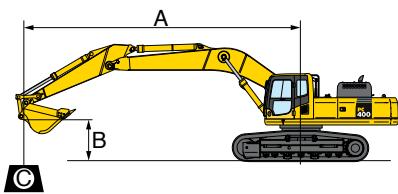
	Arm Length	2400 mm 7'10"	2900 mm 9'6"	3380 mm 11'1"	4000 mm 13'1"
A	Overall length	11905 mm 39'1"	11995 mm 39'4"	11940 mm 39'2"	11950 mm 39'2"
B	Length on ground (transport): PC400-8 PC400LC-8	8230 mm 27'0" 8410 mm 27'7"	7290 mm 23'11" 7475 mm 24'6"	6540 mm 21'5" 6705 mm 22'0"	6145 mm 20'2" 6330 mm 20'9"
C	Overall height (to top of boom)*	3850 mm 12'8"	3745 mm 12'3"	3635 mm 11'11"	3885 mm 12'9"


WORKING RANGE

	Arm Length	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"	72



LIFTING CAPACITY WITH 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

PC400-8		Arm: 2400 mm 7'10"		Bucket: 1.9 m³ 2.49 yd³ SAE heaped		Shoe: 600 mm 24" 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'	*11050 kg *24,400 lb	7950 kg 17,600 lb				*11050 kg *24,300 lb	8450 kg 18,600 lb						
6.0m 19'	9650 kg 21,300 lb	6450 kg 14,300 lb				*11400 kg *25,100 lb	8250 kg 18,200 lb	*13150 kg *28,900 lb	12050 kg 26,500 lb				
4.5m 14'	8550 kg 18,900 lb	5650 kg 12,500 lb	8750 kg 19,300 lb	5900 kg 12,800 lb	11850 kg 26,200 lb	7900 kg 17,500 lb	*15150 kg *33,400 lb	11350 kg 25,100 lb					
3.0m 9'	8000 kg 17,600 lb	5250 kg 11,600 lb	8550 kg 18,800 lb	5600 kg 12,400 lb	11450 kg 25,300 lb	7550 kg 16,700 lb	16450 kg 36,300 lb	10650 kg 23,500 lb					
1.5m 4'	7850 kg 17,300 lb	5100 kg 11,300 lb	8350 kg 18,400 lb	5450 kg 12,000 lb	11150 kg 24,600 lb	7250 kg 16,000 lb	15850 kg 35,000 lb	10150 kg 22,300 lb					
0m 0'	8100 kg 17,800 lb	5250 kg 11,500 lb	8250 kg 18,100 lb	5300 kg 11,700 lb	10900 kg 24,100 lb	7050 kg 15,600 lb	15550 kg 34,300 lb	9850 kg 21,700 lb					
-1.5m -4'	8800 kg 19,400 lb	5700 kg 12,500 lb	8250 kg 18,100 lb	5300 kg 11,700 lb	10850 kg 23,900 lb	7000 kg 15,400 lb	15500 kg 34,200 lb	9800 kg 21,600 lb	*18450 kg *40,700 lb	15600 kg 35,200 lb			
-3.0m -9'	10350 kg 22,800 lb	6700 kg 14,800 lb				10950 kg 24,100 lb	7100 kg 15,600 lb	*15600 kg *34,300 lb	9950 kg 21,900 lb	*19150 kg *42,200 lb	16000 kg 35,200 lb	*18450 kg *40,700 lb	
-4.5m -14'	*10500 kg *23,100 lb	9000 kg 19,900 lb						*12200 kg *26,900 lb	10250 kg 22,600 lb	*15150 kg *33,400 lb			

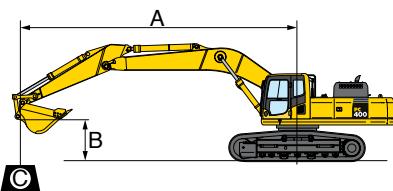
PC400-8		Arm: 2900 mm 9'6"		Bucket: 1.9 m³ 2.49 yd³ SAE heaped		Shoe: 600 mm 24" triple grouser							
B	A	MAX		9.0 m 29'		7.5 m 24'		6.0 m 19'		4.5 m 14'		3.0 m 9'	
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.5m 24'	*10050 kg *22,200 lb	7200 kg 15,900 lb				*10100 kg *22,300 lb	8500 kg 18,700 lb						
6.0m 19'	8900 kg 19,600 lb	5900 kg 13,000 lb	8850 kg 19,500 lb	5900 kg 13,000 lb	*10650 kg *23,400 lb	8250 kg 18,200 lb							
4.5m 14'	7900 kg 17,400 lb	5150 kg 11,400 lb	8650 kg 19,100 lb	5700 kg 12,600 lb	*11600 kg *25,600 lb	7900 kg 17,400 lb	*14150 kg *31,200 lb	11400 kg 25,100 lb	*18550 kg *40,900 lb	18200 kg 40,200 lb			
3.0m 9'	7400 kg 16,300 lb	4750 kg 10,500 lb	8450 kg 18,600 lb	5500 kg 12,100 lb	11400 kg 25,100 lb	7450 kg 16,500 lb	*16300 kg *35,900 lb	10650 kg 23,500 lb					
1.5m 4'	7250 kg 15,900 lb	4650 kg 10,200 lb	8200 kg 18,100 lb	5300 kg 11,700 lb	11000 kg 24,300 lb	7100 kg 15,700 lb	15750 kg 34,800 lb	10000 kg 22,100 lb					
0m 0'	7400 kg 16,300 lb	4700 kg 10,400 lb	8050 kg 17,700 lb	5150 kg 11,300 lb	10750 kg 23,700 lb	6850 kg 15,100 lb	15350 kg 33,800 lb	9650 kg 21,300 lb					
-1.5m -4'	8000 kg 17,600 lb	5100 kg 11,200 lb	8000 kg 17,600 lb	5100 kg 11,200 lb	10600 kg 23,400 lb	6750 kg 14,900 lb	15200 kg 33,500 lb	9500 kg 21,000 lb	*22,650 kg *49,900 lb	15250 kg 33,600 lb			
-3.0m -9'	9250 kg 20,400 lb	5900 kg 13,000 lb				10650 kg 23,500 lb	6800 kg 15,000 lb	15300 kg 33,800 lb	9600 kg 21,200 lb	*20350 kg *44,800 lb	15450 kg 34,100 lb	*22050 kg *48,600 lb	
-4.5m -14'	*10550 kg *23,200 lb	7700 kg 17,000 lb				*9350 kg *20,600 lb	7050 kg 15,500 lb	*13300 kg *29,300 lb	9900 kg 21,800 lb	*16700 kg *36,800 lb	15650 kg 34,500 lb	*19650 kg *43,400 lb	

PC400-8		Arm: 3380 mm 11'1"		Bucket: 1.9 m³ 2.49 yd³ SAE heaped		Shoe: 600 mm 24" 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'	*6800 kg *15,000 lb	6250 kg 13,800 lb												
6.0m 19'	*6800 kg *15,000 lb	5250 kg 11,600 lb	9050 kg 20,000 lb	6100 kg 13,400 lb	*10150 kg *22,400 lb	8500 kg 18,700 lb								
4.5m 14'	*7000 kg *15,400 lb	4700 kg 10,300 lb	8850 kg 19,500 lb	5900 kg 13,000 lb	*11200 kg *24,700 lb	8100 kg 17,900 lb	*13450 kg *29,700 lb	11750 kg 25,900 lb						
3.0m 9'	6750 kg 14,900 lb	4350 kg 9,600 lb	8600 kg 19,000 lb	5650 kg 12,500 lb	11650 kg 25,600 lb	7700 kg 16,900 lb	*15750 kg *34,800 lb	11000 kg 24,200 lb	*21600 kg *47,700 lb	17150 kg 37,800 lb				
1.5m 4'	6600 kg 14,600 lb	4250 kg 9,400 lb	8350 kg 18,400 lb	5450 kg 12,000 lb	11200 kg 24,700 lb	7300 kg 16,100 lb	16100 kg 35,500 lb	10300 kg 22,700 lb	*16950 kg *37,400 lb	15850 kg 34,900 lb				
0m 0'	6750 kg 14,900 lb	4300 kg 9,500 lb	8150 kg 18,000 lb	5250 kg 11,600 lb	10900 kg 24,100 lb	7050 kg 15,500 lb	15600 kg 34,400 lb	9850 kg 21,800 lb	*17000 kg *37,500 lb	15350 kg 33,900 lb				
-1.5m -4'	7200 kg 15,900 lb	4600 kg 10,200 lb	8050 kg 17,800 lb	5150 kg 11,400 lb	10750 kg 23,700 lb	6850 kg 15,200 lb	15350 kg 33,900 lb	9650 kg 21,300 lb	*22,700 kg *50,100 lb	15350 kg 33,800 lb				
-3.0m -9'	8150 kg 18,000 lb	5250 kg 11,600 lb	8100 kg 17,900 lb	5200 kg 11,500 lb	10700 kg 23,600 lb	6850 kg 15,100 lb	15400 kg 33,900 lb	9700 kg 21,400 lb	*21800 kg *48,000 lb	15500 kg 34,200 lb	*18600 kg *41,100 lb			
-4.5m -14'	*9850 kg *21,700 lb	6500 kg 14,400 lb				10850 kg 23,900 lb	7000 kg 15,500 lb	*14500 kg *32,000 lb	9900 kg 21,800 lb	*18550 kg *40,900 lb	15850 kg 34,900 lb	*23300 kg *51,300 lb		
-6.0m -19'	*8800 kg *19,500 lb	*8800 kg *19,500 lb						*10150 kg *22,400 lb	*10150 kg *22,400 lb	*13350 kg *29,400 lb	*13350 kg *29,400 lb			

PC400-8		Arm: 4000 mm 13'1"		Bucket: 1.6 m³ 2.09 yd³ SAE heaped		Shoe: 600 mm 24" triple grouser									
B	A	MAX		10.5 m 34'		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	Cf	Cs
7.5m 24'	*5850 kg *12,900 lb	5600 kg 12,400 lb				*8550 kg *18,800 lb	6350 kg 14,000 lb								
6.0m 19'	*5800 kg *12,800 lb	4800 kg 10,600 lb				*8800 kg *19,400 lb	6250 kg 13,800 lb								
4.5m 14'	*6000 kg *13,200 lb	4300 kg 9,500 lb	6800 kg 14,700 lb	4450 kg 9,800 lb	9000 kg 19,800 lb	6000 kg 13,300 lb	*10500 kg *26,000 lb	8300 kg 18,300 lb							
3.0m 9'	6250 kg 13,700 lb	4000 kg 8,800 lb	6650 kg 14,700 lb	4350 kg 9,500 lb	8700 kg 19,200 lb	5750 kg 12,700 lb	*11800 kg *26,000 lb	7850 kg 17,300 lb	*14700 kg *32,500 lb	11250 kg 24,800 lb	*20750 kg *45,800 lb	17700 kg 39,100 lb			
1.5m 4'	6100 kg 13,500 lb	3900 kg 8,600 lb	6500 kg 14,400 lb	4200 kg 9,200 lb	8400 kg 18,500 lb	5600 kg 12,100 lb	11300 kg 25,000 lb	7400 kg 16,300 lb	16250 kg 35,900 lb	10450 kg 23,100 lb	*23300 kg *51,300 lb	16150 kg 35,600 lb			
0m 0'	6200 kg 13,700 lb	3950 kg 8,700 lb	6400 kg 14,100 lb	4050 kg 9,000 lb	8200 kg 18,100 lb	5250 kg 11,600 lb	10950 kg 24,100 lb	7050 kg 15,600 lb	15650 kg 34,500 lb	9900 kg 21,900 lb	*20450 kg *45,100 lb	15350 kg 33,800 lb			
-1.5m -4'	6550 kg 14,500 lb	4													



LIFTING CAPACITY WITH 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

PC400LC-8		Arm: 2400 mm 7'10"		Bucket: 1.9 m ³ 2.49 yd ³ SAE heaped		Shoe: 700 mm 28" triple grouser		4.5 m 14'		3.0 m 9'	
A	B	MAX		9.0 m 29'		7.5 m 24'		6.0 m 19'		4.5 m 14'	
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.5m 24'	*11050 kg *24,400 lb	8200 kg 18,100 lb				*11050 kg *24,300 lb	8700 kg 19,200 lb				
6.0m 19'	*10800 kg *23,900 lb	6700 kg 14,800 lb				*11400 kg *25,100 lb	8550 kg 18,800 lb	*13150 kg *28,900 lb	12400 kg 27,300 lb		
4.5m 14'	9800 kg 21,600 lb	5850 kg 12,900 lb	10000 kg 22,100 lb	6000 kg 13,200 lb	*12300 kg *27,100 lb	8200 kg 18,000 lb	*15150 kg *33,400 lb	11700 kg 25,800 lb			
3.0m 9'	9200 kg 20,300 lb	5450 kg 12,000 lb	9800 kg 21,600 lb	5800 kg 12,800 lb	13200 kg 29,100 lb	7800 kg 17,200 lb	*17200 kg *37,900 lb	11000 kg 24,300 lb			
1.5m 4'	9050 kg 19,900 lb	5300 kg 11,700 lb	9600 kg 21,200 lb	5650 kg 12,400 lb	12850 kg 28,300 lb	7500 kg 16,600 lb	*18200 kg *40,100 lb	10450 kg 23,100 lb			
0m 0'	9300 kg 20,500 lb	5450 kg 12,000 lb	9500 kg 20,900 lb	5550 kg 12,200 lb	12650 kg 27,800 lb	7300 kg 16,100 lb	18150 kg 40,000 lb	10200 kg 22,500 lb			
-1.5m -4'	10150 kg 22,400 lb	5900 kg 13,000 lb	9500 kg 20,900 lb	5550 kg 12,200 lb	12550 kg 27,700 lb	7250 kg 16,000 lb	*17400 kg *38,300 lb	10150 kg 22,400 lb	*18450 kg *40,700 lb	16100 kg 35,500 lb	
-3.0m -9'	*11200 kg *24,700 lb	6950 kg 15,300 lb			*12100 kg *26,700 lb	7350 kg 16,200 lb	*15600 kg *34,300 lb	10300 kg 22,700 lb	*19150 kg *42,200 lb	16500 kg 36,400 lb	*18450 kg *40,700 lb
-4.5m -14'	*10550 kg *23,100 lb	9300 kg 20,600 lb					*12200 kg *26,900 lb	10600 kg 23,400 lb	*15150 kg *33,400 lb		

PC400LC-8		Arm: 2900 mm 9'6"		Bucket: 1.9 m ³ 2.49 yd ³ SAE heaped		Shoe: 700 mm 28" triple grouser		4.5 m 14'		3.0 m 9'		
A	B	MAX		9.0 m 29'		7.5 m 24'		6.0 m 19'		4.5 m 14'		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
7.5m 24'	*10050 kg *22,200 lb	7400 kg 16,400 lb				*10100 kg *22,300 lb	8750 kg 19,300 lb					
6.0m 19'	*9900 kg *21,900 lb	6100 kg 13,500 lb	*9800 kg *21,600 lb	6100 kg 13,400 lb	*10650 kg *23,400 lb	8550 kg 18,800 lb						
4.5m 14'	9100 kg 20,000 lb	5350 kg 11,800 lb	9950 kg 22,000 lb	5900 kg 13,100 lb	*11600 kg *25,600 lb	8150 kg 18,000 lb	*14150 kg *31,200 lb	11750 kg 25,900 lb	*18550 kg *40,900 lb	*18550 kg *40,900 lb		
3.0m 9'	8500 kg 18,800 lb	4950 kg 10,900 lb	9700 kg 21,400 lb	5700 kg 12,600 lb	*12700 kg *28,000 lb	7700 kg 17,000 lb	*16300 kg *35,900 lb	11000 kg 24,200 lb				
1.5m 4'	8350 kg 18,400 lb	4800 kg 10,600 lb	9500 kg 20,900 lb	5500 kg 12,100 lb	12750 kg 28,100 lb	7350 kg 16,300 lb	*17650 kg *38,900 lb	10350 kg 22,800 lb				
0m 0'	8550 kg 18,900 lb	4900 kg 10,800 lb	9300 kg 20,500 lb	5350 kg 11,800 lb	12450 kg 27,400 lb	7100 kg 15,700 lb	*17900 kg *39,500 lb	10000 kg 22,000 lb				
-1.5m -4'	9250 kg 20,400 lb	5300 kg 11,700 lb	9250 kg 20,400 lb	5300 kg 11,700 lb	12300 kg 27,100 lb	7000 kg 15,400 lb	*17450 kg *38,500 lb	9850 kg 21,700 lb	*22650 kg *49,900 lb	15750 kg 34,700 lb		
-3.0m -9'	10700 kg 23,600 lb	6150 kg 13,500 lb				12350 kg 27,200 lb	7050 kg 15,500 lb	*16050 kg *35,400 lb	9950 kg 22,000 lb	*20,350 kg *44,800 lb	16000 kg 35,200 lb	*22050 kg *48,600 lb
-4.5m -14'	*10550 kg *23,200 lb	7950 kg 17,600 lb				*9350 kg *20,600 lb	7300 kg 16,100 lb	*13300 kg *29,300 lb	10250 kg 22,600 lb	*16700 kg *40,900 lb	16150 kg 35,600 lb	*19650 kg *43,400 lb

PC400LC-8		Arm: 3380 mm 11'1"		Bucket: 1.90 m ³ 2.49 yd ³ SAE heaped		Shoe: 700 mm 28" triple grouser		4.5 m 14'		3.0 m 9'		
A	B	MAX		9.0 m 29'		7.5 m 24'		6.0 m 19'		4.5 m 14'		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
7.5m 24'	*6800 kg *15,000 lb	6450 kg 14,200 lb										
6.0m 19'	*6800 kg *15,000 lb	5450 kg 12,000 lb	*9400 kg *20,700 lb	6300 kg 13,900 lb	*10150 kg *22,400 lb	8750 kg 19,300 lb						
4.5m 14'	*7000 kg *15,400 lb	4850 kg 10,700 lb	*9900 kg *21,800 lb	6100 kg 13,500 lb	*11200 kg *24,700 lb	8350 kg 18,500 lb	*13450 kg *29,700 lb	12050 kg 26,600 lb				
3.0m 9'	*7400 kg *16,400 lb	4550 kg 10,000 lb	9900 kg 21,800 lb	5850 kg 12,900 lb	*12400 kg *27,400 lb	7950 kg 17,500 lb	*15750 kg *34,800 lb	11300 kg 25,000 lb	*21600 kg *47,700 lb	17650 kg 38,900 lb		
1.5m 4'	7650 kg 16,900 lb	4400 kg 9,800 lb	9650 kg 21,200 lb	5650 kg 12,400 lb	12950 kg 28,500 lb	7550 kg 16,700 lb	*17450 kg *38,500 lb	10650 kg 23,500 lb	*16950 kg *37,400 lb	16350 kg 36,100 lb		
0m 0'	7800 kg 17,200 lb	4500 kg 9,900 lb	9450 kg 20,800 lb	5450 kg 12,000 lb	12600 kg 27,800 lb	7300 kg 16,100 lb	*18050 kg *39,800 lb	10200 kg 22,500 lb	*17000 kg *37,500 lb	15850 kg 35,000 lb		
-1.5m -4'	8350 kg 18,400 lb	4800 kg 10,600 lb	9350 kg 20,600 lb	5400 kg 11,900 lb	12450 kg 27,400 lb	7150 kg 15,700 lb	*17900 kg *39,400 lb	10000 kg 22,100 lb	*22700 kg *50,100 lb	15850 kg 34,900 lb		
-3.0m -9'	9450 kg 20,800 lb	5450 kg 12,000 lb	9350 kg 20,700 lb	5400 kg 11,900 lb	12450 kg 27,400 lb	7100 kg 15,700 lb	*16800 kg *37,000 lb	10050 kg 22,100 lb	*21800 kg *48,000 lb	16000 kg 35,300 lb	*18600 kg *41,100 lb	
-4.5m -14'	*9850 kg *21,700 lb	6750 kg 14,900 lb				*11050 kg *24,400 lb	7300 kg 16,000 lb	*14500 kg *32,000 lb	10250 kg 22,600 lb	*18550 kg *40,900 lb	16350 kg 36,100 lb	*23300 kg *51,300 lb
-6.0m -19'	*8800 kg *19,500 lb	8800 kg *19,500 lb						*10150 kg *22,400 lb	*10150 kg *29,400 lb	*13550 kg *29,400 lb		

PC400LC-8		Arm: 4000 mm 13'1"		Bucket: 1.6 m ³ 2.09 yd ³ SAE heaped		Shoe: 700 mm 28" triple grouser		4.5 m 14'		3.0 m 9'	
A	B	MAX		10.5 m 34'		9.0 m 29'		7.5 m 24'		6.0 m 19'	
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.5m 24'	*5850 kg *12,900 lb	5800 kg 12,800 lb				*8550 kg *18,800 lb	6550 kg 14,400 lb				
6.0m 19'	*5800 kg *12,800 lb	4950 kg 11,000 lb				*8800 kg *19,400 lb	6450 kg 14,200 lb				
4.5m 14'	*6000 kg *13,200 lb	4450 kg 9,800 lb	7800 kg 17,300 lb	4650 kg 10,200 lb	*9350 kg *20,600 lb	6250 kg 13,700 lb	*10500 kg *23,100 lb	8550 kg 18,900 lb			
3.0m 9'	*6300 kg *13,900 lb	4150 kg 9,200 lb	7700 kg 16,900 lb	4500 kg 9,900 lb	10000 kg 22,000 lb	5950 kg 13,100 lb	*11800 kg *26,000 lb	8100 kg 17,800 lb	*14700 kg *32,500 lb	11550 kg 25,500 lb	*20750 kg *45,800 lb
1.5m 4'	*6850 kg *15,100 lb	4050 kg 8,900 lb	7500 kg 16,600 lb	4350 kg 9,600 lb	9700 kg 21,400 lb	5700 kg 12,500 lb	*12950 kg *28,600 lb	7650 kg 16,900 lb	*16750 kg *36,900 lb	10800 kg 23,800 lb	*23,300 kg *51,300 lb
0m 0'	7200 kg 15,800 lb	4100 kg 9,000 lb	7400 kg 16,300 lb	4250 kg 9,300 lb	9450 kg 20,900 lb	5500 kg 12,100 lb	12650 kg 27,900 lb	7300 kg 16,100 lb	*17800 kg *39,200 lb	10250 kg 22,600 lb	*20450 kg *45,100 lb
-1.5m -4'	7600 kg 16,800 lb	4350 kg 9,600 lb	7350 kg 16,200 lb	4200 kg 9,200 lb	9300 kg 20,500 lb	5350 kg 11,800 lb	12400 kg 27,400 lb	7100 kg 15,600 lb	17850 kg 21,900 lb	950 kg 21,900 lb	*23250 kg *34,400 lb
-3.0m -9'	8450 kg 18,600 lb	4850 kg 10,700 lb									
-4.5m -14'	*9550 kg *21,100 lb	5800 kg 12,800 lb									
-6.0m -19'	*9150 kg *20,100 lb	7950 kg 17,300 lb									

*Load is limited by hydraulic capacity rather than tipping. Ratings are based on SAE standard No. J1097. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.