

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

OPTIONAL EQUIPMENT

- Electric horn
- Engine, Komatsu SAA6D125E-5

- · Engine overheat prevention system
- Fan guard structure
- Fuel pre-filter (with water separator)
- Hydraulic track adjusters (each side) Long lubricating intervals for implement
- bushings

- · Radiator & oil cooler dust proof net
- Rear reflector
- - · Seat belt, retractable

- Track roller guards (full length)

- · Multi-function color monitor
- Power maximizing system
- · PPC hydraulic control system
- - Rear view mirror (RH, LH)

- Track roller -PC450-8, 7 each side
 - -PC450LC-8, 8 each side
 - Track shoe
 - ---PC450-8, 600 mm 24" triple grouser -PC450LC-8, 600 mm 24" triple grouser
 - Travel alarm
 - Two settings for boom
 - Working light, 2 (boom and RH)
 - Working mode selection system

KOMATSU[®] **PC450**-8 **PC450LC**-8



- Air conditioner with defroster, hot & cool box • Alternator, 60 ampere, 24 V
- Arm, 3380 mm 11'1" 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
- · Rear view mirror (rear and sidewise)
- Rear view monitoring system
- Seat, suspension
- Service valve
- · Seat, suspension with heater

- · Shoes, triple grouser shoes
- 700 mm 28"
- 700 mm 28"
- 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.

KOMATSU®

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HORSEPOWER

Gross: 270 kW 362 HP @ 1900 rpm Net: 257 kW 345 HP @ 1900 rpm

> **OPERATING WEIGHT** PC450-8: 43320-43740 kg 95,500-96,430 lb PC450LC-8: 44320-44770 kg 97,710-98,700 lb

> > **PC** 450



URAULIC CAVATOR

WALK-AROUND

Productivity Features

fuel costs.

• High Production and Low Fuel Consumption High power, working performance and fuel efficiency improve production and

• 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 of a rolls over accident.
- Anti-slip plates for safe work on machine
- Rear view monitoring system for easy checking behind the machine (optional) See page 7.

Heavy-duty Boom

KOMATSU Heavy-duty Arm

Easy Maintenance

- Long replacement interval of engine oil, engine oil filter, hydraulic oil and hydraulic filter.
- Equipped with fuel pre-filter as standard (with water separator)
- · Side-by-side radiator and oil cooler configuration enables independent removal and installation of those two components.
- Equipped with the EMMS monitoring system.
- Easy access to engine oil filter and fuel drain valve
- Large fuel tank capacity
- · High pressure in-line filter
- See page 9.

Quarry Bucket

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.

- Low-noise cab

See page 6.

Quarry Cab

Variable Track Gauge (optional)

- · Greatly increases lateral stability
- Compliant with transportation regulations See page 5.

HYDRAULIC EXCAVATOR

PC450-8

HORSEPOWER Gross: 270 kW 362 HP @ 1900 rpm Net: 257 kW 345 HP @ 1900 rpm

OPERATING WEIGHT PC450-8: 43320 - 43740 kg 95,500 - 96,430 lb PC450LC-8: 44320 - 44770 kg 97,710 – 98,700 lb

> **BUCKET CAPACITY** 1.90 – 2.10 m³ 2.49 - 2.75 yd³

Large Comfortable 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.



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 PC450-8 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.

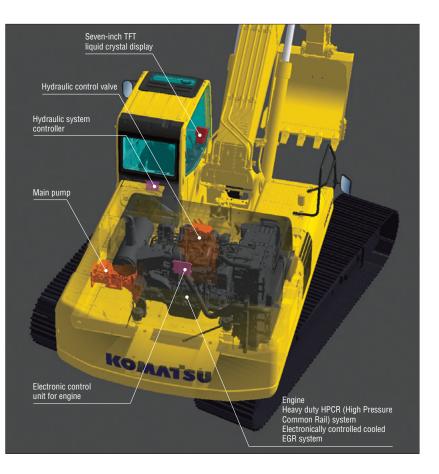
Komatsu SAA6D125E-5 engine meets EPA Tier 3 and EU Stage 3A emission regulations with NOx emission reduced by 40%.

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

Working Modes Selectable

Two established work modes are further improved.

P mode – Power or

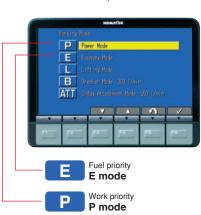
work priority mode has low fuel consumption, but fast equipment speed and maximum production and power are maintained.

E mode - Economy or

fuel priority mode

consumption, but

further reduces fuel



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.



4

HYDRAULIC EXCAVATOR

PC450-8

Large Digging Force

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



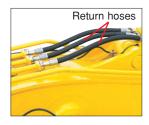
*Measured with Power Max function, 3380 mm 11'1" arm and ISO rating

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.



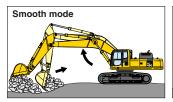
Smooth Loading Operation



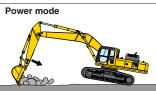
Two return hoses improve hydraulic performance. In the arm out function, a portion of the oil is returned directly to the tank providing smooth operation.

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.

PC450-8 HYDRAULIC EXCAVATOR

WORKING ENVIRONMENT

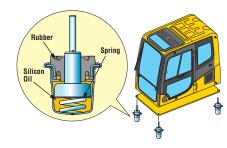


Low Cab Noise

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

PC450-8 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 pullup 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 (+9.0 mm Aq +0.35"Aq) prevent external dust from entering the cab.

Automatic Air Conditioner (optional)

AUTO A/CON

25.0 c

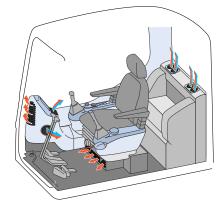
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Enables you to easily and precisely set cab atmosphere with the instru-

ments 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 seat of the cab during a roll over.





Anti-slip Plates

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



HYDRAULIC EXCAVATOR

PC450-8

Lock Lever

Locks the hydraulic pressure to prevent unintentional movement. Neutral start function allows machine to be started only 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 quards are placed around hightemperature parts of the engine and fan drive.





Large Serrated Steps



Large Handrail

MAINTENANCE FEATURES

Equipped with

Fuel Pre-filter

Removes water and

contaminants in the

fuel to prevent fuel

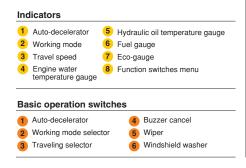
problems.

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.



Mode Selection

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

Working Mode	Application	Advantage
Р	Power mode	 Maximum production/power Fast cycle time
E	Economy mode	 Excellent fuel economy
L	Lifting mode	 Hydraulic pressure is increased by 7%
В	Breaker operation	 Optimum engine rpm, hydraulic flow
ATT	Attachment mode	 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.



cleaner life during long-term operation and prevents early clogging and resulting power decrease. Reliability is improved by a

new seal

design.



High Pressure In-line Filter

Fuel Drain Valve

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



COLC.



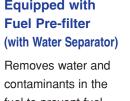
Easy Radiator Cleaning

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



PC450-8

HYDRAULIC EXCAVATOR





Large Capacity Air Cleaner

Large capacity air cleaner is comparable to that of larger machines. The larger air cleaner can extend air



Long-life Oil, Filter

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



Hydraulic oil filter (Eco-white element)

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

Long Work Equipment Greasing Interval

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.

QUARRY HYDRAULIC EXCAVATOR

The PC450-8 is a specially designed for heavy-duty applications. The PC450-8 has strengthened work equipment and reinforced body parts for use in severe job sites such as quarry and gravel gathering, etc.

Cab with Two-piece Pull-up Window (optional)

Fixed One-piece Laminated Front Window Glass

The front window is fixed and uses laminated safety glass to prevent scattering of glass fragments when broken.



Photo may include optional equipment

Heavy-duty Boom



Deck Guard





Plates





Photo may include optional equipment.

Quarry Bucket

PC450-8 bucket is designed exclusively for quarry use and is higher strength for impact and wear. Various parts of work equipment are also strengthened.

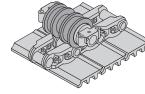


Strengthened Revolving

KOMATSU

Frame Underguard

Double-flange Track Roller



rectly and extends life of undercarriage. Number of double-flange track rollers PC450-83 each side

SPECIFICATIONS



Model	Komatsu SAA6D125E-5
Type Water-	cooled, 4-cycle, direct injection
Aspiration Turbocha	arged, aftercooled, cooled EGR
Number of cylinders	
Bore	125 mm 4.92"
Stroke	150 mm 5.91"
Piston displacement	11.04 ltr 674 in ³
Horsepower:	
SAE J1995	Gross 270 kW 362 HP
ISO 9249 / SAE J1349	Net 257 kW 345 HP
Rated rpm	
Fan drive type	Mechanical
Governor	All-speed control, electronic

Meets EPA Tier 3 and EU Stage 3A emission regulations



Type HydrauMind (Hydraulic Mechanical Intelligence New Design) system, closed-center system with load sensing valves and pressure compensated valves
Number of selectable working modes
Main pump:
Type Variable displacement piston type
Pumps for Boom, arm, bucket, swing, and travel circuits
Maximum flow
Supply for control circuit
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
Travel circuit
Swing circuit
Pilot circuit
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 1–185 mm x 1985 mm x 130 mm 7.3" x 78.1" x 5.1"
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 ped	als
Drive method		atic
Maximum drawbar pull) lb
Gradeability		35°
Maximum travel speed	: High 5.5 km/h 3.4 m	ıph
(Auto-Shift)	Mid 4.0 km/h 2.5 m	ıph
(Auto-Shift)	Low	ıph
Service brake	Hydraulic le	ock
Parking brake	Mechanical disc bra	ake

Side Reinforcement Plate 16 mm 0.63" thickness hightensile strength steel used.



Side Shrouds

Bottom Wear Plate

O-ring Added

entrance of dirt.

O-ring is added between

bucket and linkage to prevent

19 mm 0.75" thickness hightensile strength steel used.

Corner Tooth l in Shrouds Adapter

Double-flange rollers guide track link cor-PC450LC-84 each side

10

HYDRAULIC EXCAVATOR

PC450-8



Swing reduction Planetary gear Swing circle lubrication Grease-bathed Service brake Hydraulic lock Holding brake/Swing lock Mechanical disc brake



UNDERCARRIAGE

Center frameX-frame Track frame Box-section
Seal of track
Track adjuster
Number of shoes (each side):
PC450-8
PC450LC-8
Number of carrier rollers
Number of track rollers (each side): PC450-8
PC450LC-8

COOLANT AND LUBRICANT CAPACITY (REFILLING)

Fuel tank 650 ltr 172 U.S. gal Final drive, each side 10.5 ltr 2.8 U.S. gal

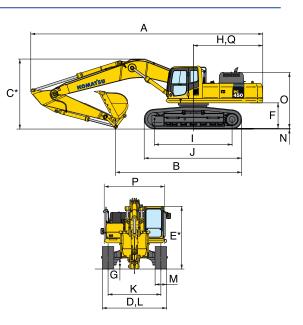
OPERATING WEIGHT (APPROXIMATE)

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.

	PC4	50-8	PC450LC-8			
Shoes	Operating Weight	Ground Pressure	Operating Weight	Ground Pressure		
600 mm 23.6"	43320 kg 95,500 lb	80.7 kPa 0.82 kgf/cm ² 11.7 psi	44320 kg 97,710 lb	76.8 kPa 0.78 kgf/cm ² 11.1 psi		
700 mm 27.6"	43740 kg 96,430 lb	69.9 kPa 0.71 kgf/cm ² 10.1 psi	44770 kg 98,700 lb	66.5 kPa 0.68 kgf/cm ² 9.64 psi		

HYDRAULIC EXCAVATOR

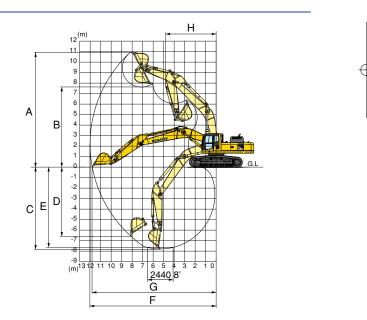
	Arm Length	3380 mm 11'1"					
	Model	PC450-8	PC450LC-8				
Α	Overall length	12040 mm 39'6"	12040 mm	39'6"			
в	Length on ground	6560 mm 21'6"	6725 mm	22'1"			
С	Overall height (to top of boom)*	3660 mm 12'0"	3660 mm	12'0"			
D	Overall width	3430 mm 11'3"	3430 mm	11'3"			
Е	Overall height (to top of cab)*	3285 mm 10'9"	3285 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"			
н	Tail swing radius	3645 mm 12'0"	3645 mm	12'0"			
Т	Track length on ground	4020 mm 13'2"	4350 mm	14'3"			
J	Track length	5055 mm 16'7"	5385 mm	17'8"			
к	Track gauge	2740 mm 9'0"	2740 mm	9'0"			
L	Width of crawler	3340 mm 11'0"	3340 mm	11'0"			
М	Shoe width	600 mm 23.6"	600 mm	23.6"			
Ν	Grouser height	37 mm 1.5"	37 mm	1.5"			
0	Machine cab height	2920 mm 9'7"	2920 mm	9'7"			
Ρ	Machine cab width	3165 mm 10'5"	3165 mm	10'5"			
Q	Distance, swing center to rear end	3605 mm11'10"	3605 mm	11'10"			



*: Including grouser height

WORKING RANGE

	Arm Length	3380 mm 11'1"
Α	Max. digging height	10925 mm 35'10"
в	Max. dumping height	7625 mm 25' 0"
С	Max. digging depth	7790 mm 25' 7"
D	Max. vertical wall digging depth	6600 mm 21'8"
Е	Max. digging depth of cut for 8' level	7650 mm 25'1"
F	Max. digging reach	12005 mm 39'5"
G	Max. digging reach at ground level	11800 mm 38'9"
Н	Min. swing radius	4805 mm 15'9"
SAE	Bucket digging force at power max.	243 kN/24800 kgf/54,670 lb
rating	Arm crowd force at power max	225 kN/22900 kgf/50,490 lb
ISO	Bucket digging force at power max.	278 kN/28300 kgf/62,390 lb
rating	Arm crowd force at power max.	233 kN/23800 kgf/52,470 lb



BACKHOE BUCKET, ARM, AND BOOM COMBINATION

Bucket C (hear		Wi	idth	Weight	Number	Arm Length 3.38 m	
SAE, PCSA	CECE	With Side Shrouds	Without Side Shrouds	With Side Shrouds	of Teeth	11'1"	
* 1.90 m ³ 2.49 yd ³	1.70 m³ 2.22 yd ³	1625 mm 64.0"	—	1966 kg 4,330 lb	5	0	
* 2.10 m ³ 2.75 yd ³	1.90 m ³ 2.49 yd ³	1745 mm 68.7"	—	2035 kg 4,490 lb	5	0	

 \bigcirc General purpose use, material density up to $1.8\ ton/m^{\rm s}$ 1.52 U.S. ton/yd^ * Quarry bucket

HYDRAULIC EXCAVATOR

PC450-8





A: Reach from swing center

PC450-8	Arm: 33	380 mm 11'1"	Bucket: 1	.9 m ³ 2.49 yd³	SAE heaped	Shoe:	600 mm 23.6"	triple grouser				
A	9 1	MAX	9.0n	1 29'	7.5 n	n 24'	6.0 r	n 19'	4.5 r	n 14'	3.0	m 9'
В	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.5m 24'	* 6000 kg *13,200 lb	5850 kg 12,900 lb										
6.0m 19'	* 6000 kg *13,200 lb	4850 kg 10,700 lb	8750 kg 19,300 lb	5700 kg 12,600 lb	* 9600 kg *21,200 lb	8200 kg 18,100 lb						
4.5m 14'	* 6200 kg *13,600 lb	4250 kg 9,400 lb	8550 kg 18,900 lb	5500 kg 12,200 lb	* 10600 kg *23,300 lb	7800 kg 17,200 lb	* 12800 kg *28,200 lb	11500 kg 25,400 lb				
3.0m 9'	6350 kg 14,000 lb	3950 kg 8,700 lb	8300 kg 18,300 lb	5300 kg 11,600 lb	11400 kg 25,100 lb	7350 kg 16,200 lb	* 14950 kg *33,000 lb	10650 kg 23,500 lb	* 20900 kg *46,100 lb	16850 kg 37,200 lb		
1.5m 4'	6200 kg 13,700 lb	3800 kg 8,400 lb	8000 kg 17,700 lb	5050 kg 11,100 lb	10900 kg 24,000 lb	6900 kg 15,300 lb	15850 kg 34,900 lb	9950 kg 21,900 lb	* 17650 kg *38,900 lb	15450 kg 34,100 lb		
0m 0'	6350 kg 14,000 lb	3850 kg 8,500 lb	7800 kg 17,200 lb	4850 kg 10,700 lb	10550 kg 23,300 lb	6600 kg 14,600 lb	15300 kg 33,700 lb	9450 kg 20,800 lb	* 17800 kg *39,200 lb	14950 kg 32,900 lb		
-1.5m -4'	6800 kg 15,000 lb	4150 kg 9,200 lb	7700 kg 17,000 lb	4750 kg 10,500 lb	10400 kg 22,900 lb	6450 kg 14,200 lb	15050 kg 33,200 lb	9250 kg 20,400 lb	* 22950 kg *50,600 lb	14950 kg 32,900 lb		
-3.0m 9'	7750 kg 17,100 lb	4800 kg 10,600 lb	7750 kg 17,100 lb	4750 kg 10,500 lb	10400 kg 22,900 lb	6450 kg 14,200 lb	15100 kg 33,300 lb	9300 kg 20,500 lb	* 20950 kg *46,200 lb	15100 kg 33,300 lb	* 21700 kg *47,800 lb	*21700 kg *47,800 lb
-4.5m -14'	* 9100 kg *20,100 lb	6050 kg 13,400 lb			* 10350 kg *22,800 lb	6600 kg 14,600 lb	* 13750 kg *30,400 lb	9500 kg 20,900 lb	* 17700 kg *39,100 lb	15450 kg 34,100 lb	* 22350 kg *49,300 lb	* 22350 kg *49,300 lb
-6.0m -19'	* 8050 kg *17,700 lb	* 8050 kg *17,700 lb					* 9450 kg *20,800 lb	* 9450 kg *20,800 lb	* 12600 kg *27,700 lb	* 12600 kg *27,700 lb		

PC450LC-8	Arm: 33	380 mm 11'1"	Bucket: 1	.9 m³ 2.49 yd³	SAE heaped	Shoe:	600 mm 23.6"	triple grouser				
A	9 1	MAX	9.0m	1 29'	7.5 r	n 24'	6.0 r	n 19'	4.5 r	n 14'	3.0	m 9'
В	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.5 m 24'	* 6000 kg *13,200 lb	5950 kg 13,200 lb										
6.0m 19'	* 6000 kg *13,200 lb	4950 kg 10,900 lb	* 8850 kg *19,500 lb	5800 kg 12,800 lb	* 9600 kg *21,200 lb	8350 kg 18,400 lb						
4.5m 14'	* 6200 kg *13,600 lb	4350 kg 9,600 lb	* 9250 kg *20,400 lb	5650 kg 12,400 lb	* 10600 kg *23,300 lb	7950 kg 17,500 lb	* 12800 kg *28,200 lb	11700 kg 25,800 lb				
3.0m 9'	* 6550 kg *14,500 lb	4000 kg 8,900 lb	9400 kg 20,800 lb	5400 kg 11,900 lb	* 11750 kg *25,900 lb	7500 kg 16,500 lb	* 14950 kg *33,000 lb	10850 kg 23,900 lb	* 20900 kg *46,100 lb	17150 kg 37,800 lb		
1.5m 4'	7150 kg 15,700 lb	3900 kg 8,600 lb	9150 kg 20,200 lb	5150 kg 11,300 lb	12450 kg 27,400 lb	7050 kg 15,500 lb	* 16650 kg *36,700 lb	10100 kg 22,300 lb	*17650 kg *38,900 lb	15750 kg 34,700 lb		
0m 0'	7300 kg 16,100 lb	3950 kg 8,700 lb	8950 kg 19,700 lb	4950 kg 10,900 lb	12100 kg 26,700 lb	6750 kg 14,900 lb	* 17300 kg *38,200 lb	9650 kg 21,200 lb	* 17800 kg *39,200 lb	15200 kg 33,500 lb		
-1.5m -4'	7800 kg 17,200 lb	4250 kg 9,400 lb	8850 kg 19,500 lb	4850 kg 10,700 lb	11900 kg 26,300 lb	6600 kg 14,500 lb	* 17100 kg *37700 lb	9450 kg 20,800 lb	* 22950 kg *50,600 lb	15200 kg 33,500 lb		
-3.0m -9'	8900 kg 19,600 lb	4900 kg 10,800 lb	8850 kg 19,600 lb	4900 kg 10,800 lb	11900 kg 26,300 lb	6550 kg 14,500 lb	* 16000 kg *35,300 lb	9450 kg 20,900 lb	*20950 kg *46,200 lb	15400 kg 33,900 lb	* 21700 kg *47,800 lb	* 21700 kg *47,800 lb
-4.5m -14'	*9100 kg *20,100 lb	6200 kg 13,600 lb			* 10350 kg *22,800 lb	6750 kg 14,900 lb	* 13750 kg *30,400 lb	9650 kg 21,300 lb	* 17700 kg *39,100 lb	15750 kg 34,700 lb	* 22350 kg *49,300 lb	* 22350 kg *49,300 lb
-6.0m -19'	*8050 kg *17,700 lb	* 8050 kg *17,700 lb					* 9450 kg *20,800 lb	*9450 kg *20,800 lb	* 12600 kg *27,700 lb	* 12600 kg *27,700 lb		

*Load is limited by hydraulic capacity rather than tipping. Ratings are based on SAE Standard No. J10567. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.