

# KOMATSU®

## PC450-7 PC450LC-7

**FLYWHEEL HORSEPOWER**

246 kW 330 HP @ 1850 rpm

**OPERATING WEIGHT**

**PC450-7: 43000 – 43420 kg**

94,800 – 95,720 lb

**PC450LC-7: 44000 – 44450 kg**

97,000 – 97,990 lb



**PC  
450**



Photo may include optional equipment.

HYDRAULIC EXCAVATOR

# WALK-AROUND

**FLYWHEEL HORSEPOWER**  
246 kW 330 HP @ 1850 rpm

**OPERATING WEIGHT**  
PC450-7: 43000 – 43420 kg  
94,800 – 95,720 lb  
PC450LC-7: 44000 – 44450 kg  
97,000 – 97,990 lb

**BUCKET CAPACITY**  
1.9 - 2.1 m<sup>3</sup>  
2.49 – 2.75 yd<sup>3</sup>

## 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 10% when the Power Max function is applied. (compared with PC450-6).
- **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**

PC450-7's lateral stability is improved and lifting capacity is increased.

See page 5



Heavy-Duty Boom

Heavy-Duty Arm

## Easy Maintenance

- Replacement interval is extended for engine oil, engine oil filter and hydraulic filter.
- Easy removal and installation of the radiator and oil cooler
- Fuel tank capacity is increased.
- New bushing design on work equipment extend lubricating interval.
- Easy access for engine inspection
- High-capacity air cleaner

See pages 8 and 9

Quarry Bucket

## Harmony with Environment

- Low emission engine  
Powerful turbocharged and aftercooled Komatsu SAA6D125E-3 engine provides **246 kW** 330 HP.
- Economy mode saves fuel consumption (reduced by approx. 20%).
- Low operation noise
- Designed for optimal use of recyclable materials

## Large Comfortable Cab

New PC450-7'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

Quarry Cab



Strengthened Revolving Frame with Deck Guard

Full Roller Guards and Double-Flange Track Rollers

Photo may include optional equipment.

## Variable Track Gauge (optional)

- Greatly increases lateral stability
- Compliant with transportation regulations

See page 5

## Reduced revolving frame damage

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

See page 5



# PRODUCTIVITY FEATURES

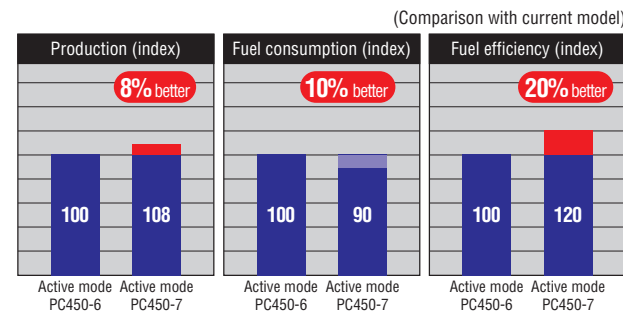
## High Production and Low Fuel Consumption

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.

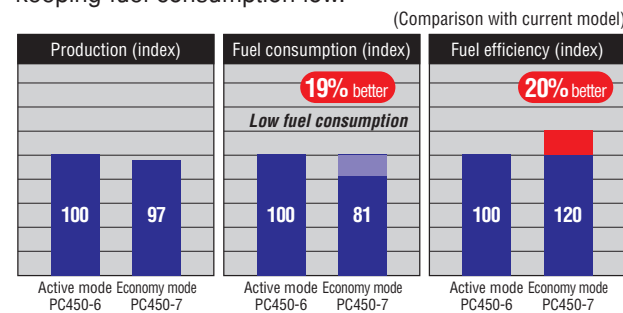
### ACTIVE MODE

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



### 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.



### 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.



Photo may include optional equipment.

### 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):  
217 kN (22.1t) → **233 kN (23.8t)** (with Power Max.) **8% better\***

Maximum bucket digging force (ISO):  
253 kN (25.8t) → **278 kN (28.3t)** (with Power Max.) **10% better\***

\*(comparison with current model)

### Smooth Loading Operation

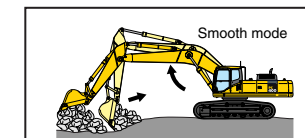
Two return hoses improve hydraulic performance. In the arm out function, a portion of the oil is efficiently returned to the tank.

#### Two return hoses

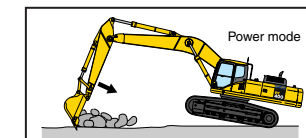


### Two Boom Settings

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.

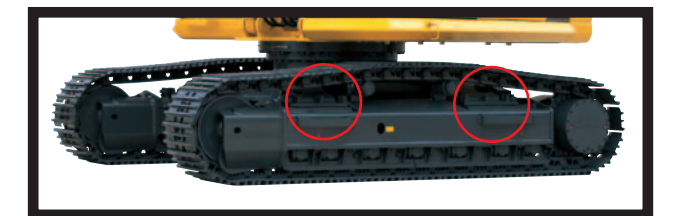
Lateral Stability **PC450 10% better\***  
**PC450LC 22% better\***  
\*(comparison with current model)

### Large Lifting Capacity

PC450-7'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 PC450-7'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 (10 mm Aq 0.39" in Aq) prevent external dust from entering the cab.

### Low Noise Design

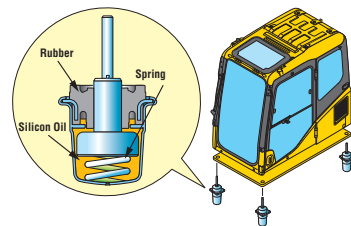
Noise level is remarkably reduced, not only engine noise but also swing and hydraulic relief noise.

### Low Vibration with Cab Damper Mounting

PC450-7 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

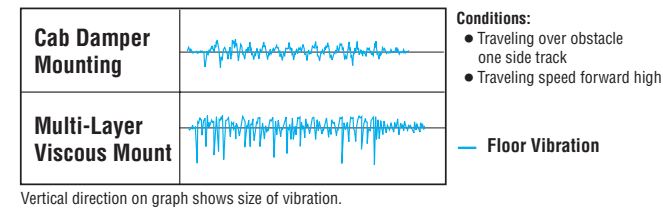
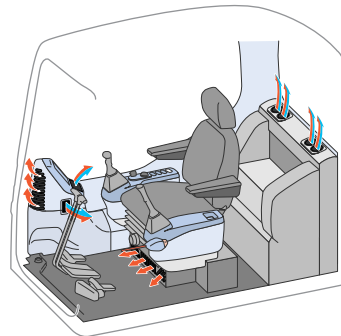


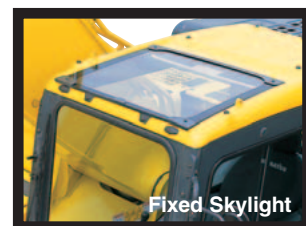
Photo may include optional equipment.

### 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 PC450-7's cab floormat is easy to keep clean. The gently inclined surface has a flanged floormat and drainage holes to facilitate runoff.



Fixed Skylight



Skylight



Sun Shade



Sliding Window



Seat with headrest reclined full flat

Photo may include optional equipment.

### 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.



Seat Sliding Amount: 340 mm 13.4", increased 120 mm 4.7"



Defroster (optional)



Cab Frame Mounted Wiper



Bottle Holder and Magazine Rack

## 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%.

### Fixed One-piece Laminated Front Window Glass

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

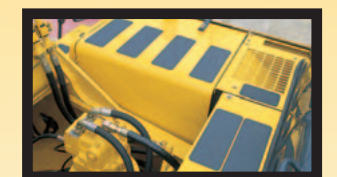
**Pump/engine room partition** prevents oil from spraying on the engine if a hydraulic hose should burst.

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

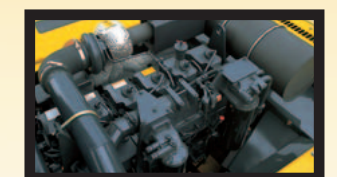
**Steps with non-skid sheet and large handrail** provide anti-slip footing for added safety.



Large Handrail



Non-skid Sheet



Thermal Guard



# MAINTENANCE FEATURES

## 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.

### EMMS (Equipment Management Monitoring System)

#### Monitor Function

Controller monitors engine oil level, coolant level, engine oil pressure, coolant temperature, battery charge and air cleaner clogging, etc. If the 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 error codes for effective troubleshooting.

## 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

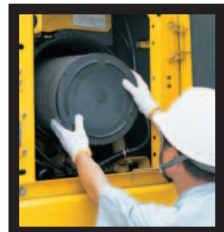
The engine oil check pipe, oil filler, and oil filter, etc., are located on the left side of the engine.



### 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.



### 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.

## Reducing Maintenance Costs

### Hydraulic Oil and Filter/Engine Oil and Filter Replacement Interval Extended

The new high performance filters are used in hydraulic circuit and engine. Hydraulic oil filter, engine oil, and engine oil filter element replacement intervals are significantly extended to reduce maintenance costs.



New hydraulic oil filter

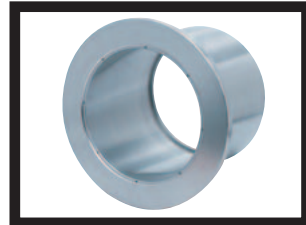
	unit: hours	
	PC450-7	PC450-6
Engine oil	500	250
Engine oil filter	500	250
Hydraulic oil	5,000	5,000
Hydraulic oil filter	1,000	500

### Work Equipment Lubrication Intervals Are Extended with OMRF Bushings

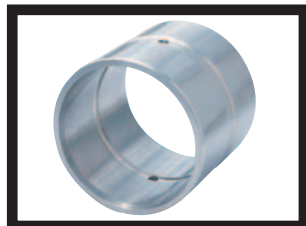
The lubrication interval is greatly extended by using BMRC bushings on the boom foot and boom cylinder, OMRF bushing on the other work equipment, and CRHF on the arm end face. Also, resin shims are applied to prevent friction sound between end faces at the work equipment pin bracket.



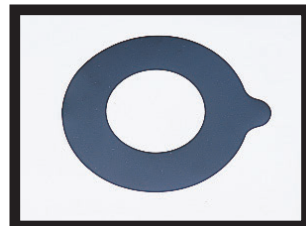
BMRC (Bata Matrix Reinforced Copper Alloy)



CRHF (Carbide Reinforced Hard facing Ferrous Alloy)



OMRF (Orderd Matrix Reinforced Ferrous Alloy)



Resin shim

	unit: hours	
	PC450-7	PC450-6
Bucket pin bushings	250	50
Boom foot and boom cylinder bottom bushings	500	50
Other bushings	500	100

## Quarry Hydraulic Excavator

The PC450-7 is a specially designed for heavy-duty applications. The PC450-7 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.

### Fixed Skylight and Sunshade



### Dent Preventing Plates

Plate length increased 37%



Heavy-Duty Boom

Heavy-Duty Arm

Photo may include optional equipment.

### Deck Guard



### Strengthened Revolving Frame Underguard

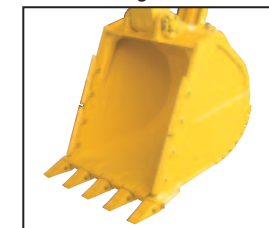


### Quarry Bucket

PC450-7 bucket is designed exclusively for quarry use and is higher strength for impact and wear. Various parts of work equipment are also strengthened.

### Side Reinforcement plate

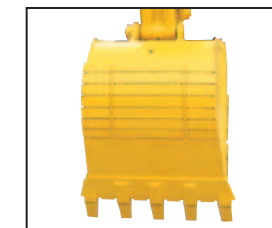
16 mm 0.63" thickness high-tensile strength steel used



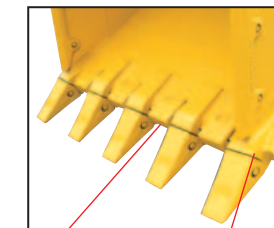
Side Shrouds

### O-Ring Added

O-ring is added between bucket and linkage to prevent entrance of dirt



Bottom Wear Plate  
19 mm 0.75" thickness high-tensile strength steel used

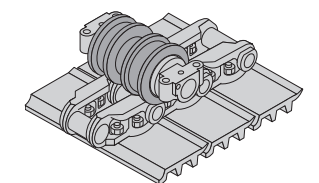


Lip Shrouds  
Corner Tooth Adapter

### Full Roller Guard



### Double-Flange Track Roller



Double-flange rollers guide track link correctly and extends life of undercarriage. Number of double-flange track rollers  
PC450-7 .....3 each side  
PC450LC-7 .....4 each side



# 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 in<sup>3</sup>  
 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 .. HydraulMind (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 motor with parking brake  
 Swing ..... 1 x axial piston motor with swing holding brake  
 Relief valve setting:  
 Implement circuits ..... 37.3 MPa **380 kgf/cm<sup>2</sup>** 5,400 psi  
 Travel circuit ..... 37.3 MPa **380 kgf/cm<sup>2</sup>** 5,400 psi  
 Swing circuit ..... 27.9 MPa **285 kgf/cm<sup>2</sup>** 4,050 psi  
 Pilot circuit ..... 3.2 MPa **33 kgf/cm<sup>2</sup>** 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 ..... **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 50.0" x 4.3"

## OPERATING WEIGHT (APPROXIMATE)

Operating weight including **7060 mm** 23'2" one-piece boom, **3380 mm** 11'1" arm, SAE heaped **1.9 m<sup>3</sup>** 2.49 yd<sup>3</sup> bucket, rated capacity of lubricants, coolant, full fuel tank, operator, and standard equipment.

## STANDARD EQUIPMENT

- Alternator, 35 Ampere, 24V
- Auto-Decel
- Automatic engine warm-up system
- Automatic de-airation system for fuel line
- Batteries, 110 Ah/2 x 12V
- Boom holding valve
- Cab capable 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)
- Long lubricating interval bushings for work equipment
- Monitor panel, color multi-function
- 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

## 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 (Auto-Shift):  
 High ..... **5.5 km/h** 3.4 mph  
 Mid ..... **4.4 km/h** 2.7 mph  
 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):  
 PC450-7 ..... 46  
 PC450LC-7 ..... 49  
 Number of carrier rollers ..... 2 each side  
 Number of track rollers (each side):  
 PC450-7 ..... 7  
 PC450LC-7 ..... 8

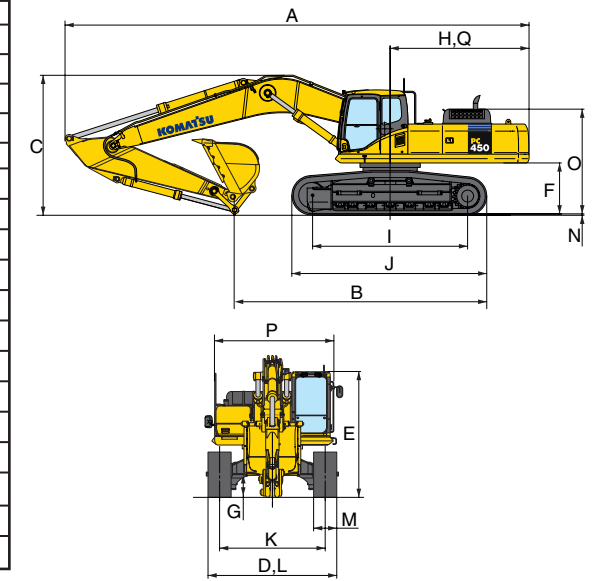
## COOLANT AND LUBRICANT CAPACITY (REFILLING)

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

Shoes	PC450-7		PC450LC-7	
	Operating Weight	Ground Pressure	Operating Weight	Ground Pressure
<b>600 mm</b> 23.6"	<b>43000 kg</b> 94,800 lb	81.4 kPa <b>0.83 kgf/cm<sup>2</sup></b> 11.8 psi	<b>44000 kg</b> 97,000 lb	77.5 kPa <b>0.79 kgf/cm<sup>2</sup></b> 11.2 psi
<b>700 mm</b> 27.6"	<b>43420 kg</b> 95,720 lb	69.6 kPa <b>0.71 kgf/cm<sup>2</sup></b> 10.1 psi	<b>44450 kg</b> 97,990 lb	66.7 kPa <b>0.68 kgf/cm<sup>2</sup></b> 9.67 psi

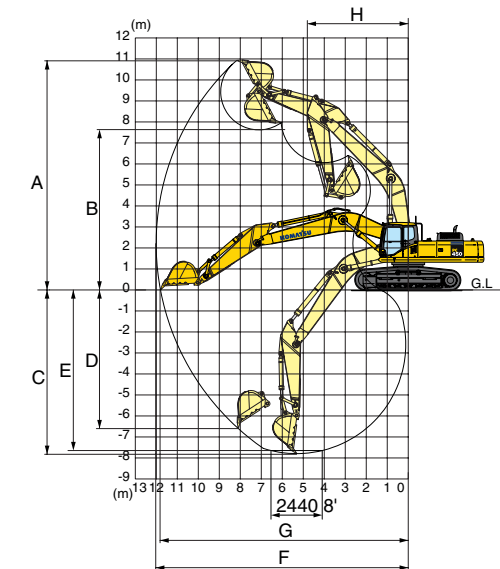
## DIMENSIONS

	Arm length	3380 mm 11'1"	
		PC450-7	PC450LC-7
A	Overall length	<b>12040 mm</b> 39'6"	<b>12040 mm</b> 39'6"
B	Length on ground	<b>6540 mm</b> 21'5"	<b>6705 mm</b> 22'0"
C	Overall height (to top of boom)	<b>3660 mm</b> 12'0"	<b>3660 mm</b> 12'0"
D	Overall width	<b>3340 mm</b> 11'0"	<b>3340 mm</b> 11'0"
E	Overall height (to top of cab)	<b>3265 mm</b> 10'9"	<b>3265 mm</b> 10'9"
F	Ground clearance, counterweight	<b>1320 mm</b> 4'4"	<b>1320 mm</b> 4'4"
G	Ground clearance (minimum)	<b>555 mm</b> 1'10"	<b>550 mm</b> 1'10"
H	Tail swing radius	<b>3645 mm</b> 12'0"	<b>3645 mm</b> 12'0"
I	Track length on ground	<b>4020 mm</b> 13'2"	<b>4350 mm</b> 14'3"
J	Track length	<b>5025 mm</b> 16'6"	<b>5355 mm</b> 17'7"
K	Track gauge	<b>2740 mm</b> 9'0"	<b>2740 mm</b> 9'0"
L	Width of crawler	<b>3340 mm</b> 11'0"	<b>3340 mm</b> 11'0"
M	Shoe width	<b>600 mm</b> 23.6"	<b>600 mm</b> 23.6"
N	Grouser height	<b>37 mm</b> 1.5"	<b>37 mm</b> 1.5"
O	Machine cab height	<b>2715 mm</b> 8'11"	<b>2715 mm</b> 8'11"
P	Machine cab width	<b>3145 mm</b> 10'4"	<b>3145 mm</b> 10'4"
Q	Distance, swing center to rear end	<b>3605 mm</b> 11'10"	<b>3605 mm</b> 11'10"



## WORKING RANGE

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



## BACKHOE BUCKET, ARM, AND BOOM COMBINATION

Bucket Capacity (heaped)		Width		Weight	Number of Teeth	Arm Length 3.38 m 11'1"
SAE, PCSA	CECE	With Side Shrouds	Without Side Shrouds			
*1.90 m <sup>3</sup> 2.49 yd <sup>3</sup>	<b>1.70 m<sup>3</sup></b> 2.22 yd <sup>3</sup>	<b>1625 mm</b> 64.0"	—	<b>1966 kg</b> 4,330 lb	5	○
*2.10 m <sup>3</sup> 2.75 yd <sup>3</sup>	<b>1.90 m<sup>3</sup></b> 2.49 yd <sup>3</sup>	<b>1745 mm</b> 68.7"	—	<b>2035 kg</b> 4,490 lb	5	○

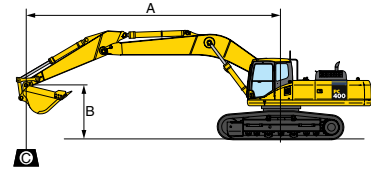
○ General purpose use, material density up to **1.8 ton/m<sup>3</sup>** 1.52 U.S. ton/yd<sup>3</sup>  
 \* Quarry bucket

## OPTIONAL EQUIPMENT

- Additional fuel filter with water separator
- Air conditioner with defroster, hot & cool box
- Alternator, 50 ampere, 24 v
- Arm, **3380 mm** 11'1" arm assembly, heavy-duty
- Batteries, 140 Ah/2 x 12 V
- Bolt-on top guard (Operator Protective Guards level 2 (FOG))
- Boom, **7060 mm** 23'3", heavy-duty
- Cab accessories  
 —Rain visor  
 —Sun visor
- Cab front guard  
 —Full height guard  
 —Half height guard
- Cab with 2-piece pull up front window
- Corrosion resistor
- Heater with defroster
- Rearview mirror (LH)
- Seat belt, retractable
- Seat, suspension
- Service valve
- Track frame undercover
- Travel alarm
- Working lights, 2 on cab
- Variable gauge track frame



**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

PC450-7 Arm: 3380 mm 11'1" Bucket: 1.9 m³ 2.49 yd³ SAE heaped Shoe: 600 mm 23.6" triple grouser												
B	☉ MAX		9.0m 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'	*5550 kg *12100 lb	*5550 kg *12100 lb	*6600 kg *14500 lb	5900 kg 12900 lb								
6.0m 19'	*5550 kg *12100 lb	4750 kg 10400 lb	*8800 kg *19300 lb	5850 kg 12900 lb	*9600 kg *21100 lb	8400 kg 18500 lb						
4.5m 14'	*5750 kg *12600 lb	4200 kg 9200 lb	8750 kg 19300 lb	5700 kg 12500 lb	*10650 kg *23400 lb	8050 kg 17600 lb	*12800 kg *28100 lb	11850 kg 26000 lb				
3.0m 9'	*6100 kg *13400 lb	3900 kg 8500 lb	8500 kg 18700 lb	5450 kg 12000 lb	11700 kg 25700 lb	7600 kg 16600 lb	*14800 kg *32600 lb	10950 kg 24100 lb	*20800 kg *45800 lb	17200 kg 37800 lb		
1.5m 4'	6200 kg 13600 lb	3800 kg 8300 lb	8250 kg 18100 lb	5250 kg 11400 lb	11200 kg 24600 lb	7150 kg 15700 lb	16150 kg 35500 lb	10200 kg 22400 lb	*23400 kg *51500 lb	15700 kg 34600 lb		
0.0m 0'	6350 kg 13900 lb	3900 kg 8500 lb	8050 kg 17700 lb	5050 kg 11000 lb	10850 kg 23800 lb	6850 kg 15000 lb	15600 kg 34300 lb	9650 kg 21200 lb	*23050 kg *50700 lb	15050 kg 33100 lb		
-1.5m -4'	6800 kg 14900 lb	4200 kg 9100 lb	7950 kg 17400 lb	4950 kg 10800 lb	10650 kg 23400 lb	6650 kg 14600 lb	15300 kg 33700 lb	9450 kg 20700 lb	*23000 kg *50700 lb	14900 kg 32800 lb	*15050 kg *33100 lb	*15050 kg *33100 lb
-3.0m -9'	7700 kg 16900 lb	4800 kg 10500 lb	7950 kg 17500 lb	4950 kg 10900 lb	10650 kg 23400 lb	6650 kg 14500 lb	15300 kg 33700 lb	9450 kg 20700 lb	*21050 kg *46400 lb	15050 kg 33100 lb	*22200 kg *48800 lb	*22200 kg *48800 lb
-4.5m -14'	*8900 kg *19600 lb	6000 kg 13100 lb			*10450 kg *23000 lb	6800 kg 14900 lb	*13800 kg *30400 lb	9650 kg 21200 lb	*17850 kg *39300 lb	15450 kg 34000 lb	*23300 kg *51200 lb	*23300 kg *51200 lb
-6.0m -19'	*8000 kg *17600 lb	*8000 kg *17600 lb					*9350 kg *20500 lb	*9350 kg *20500 lb	*12650 kg *27900 lb	*12650 kg *27900 lb		

PC450LC-7 Arm: 3380 mm 11'1" Bucket: 1.9 m³ 2.49 yd³ SAE heaped Shoe: 600 mm 23.6" triple grouser												
B	☉ MAX		9.0m 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
7.5 m 24'	*5550 kg *12100 lb	*5550 kg *12100 lb	*6600 kg *14500 lb	6000 kg 13200 lb								
6.0m 19'	*5550 kg *12100 lb	4850 kg 10600 lb	*8800 kg *19300 lb	6000 kg 13100 lb	*9600 kg *21100 lb	8550 kg 18800 lb						
4.5m 14'	*5750 kg *12600 lb	4300 kg 9400 lb	*9300 kg *20400 lb	5800 kg 12700 lb	*10650 kg *23400 lb	8200 kg 17900 lb	*12800 kg *28100 lb	12000 kg 26400 lb				
3.0m 9'	*6100 kg *13400 lb	4000 kg 8700 lb	9650 kg 21200 lb	5550 kg 12200 lb	*11750 kg *25800 lb	7700 kg 16900 lb	*14800 kg *32600 lb	11150 kg 24500 lb	*20800 kg *45800 lb	17450 kg 38400 lb		
1.5m 4'	*6700 kg *14700 lb	3900 kg 8500 lb	9400 kg 20700 lb	5350 kg 11700 lb	*12700 kg *27900 lb	7300 kg 16000 lb	*16450 kg *36100 lb	10350 kg 22800 lb	*23400 kg *51500 lb	16000 kg 35100 lb		
0.0m 0'	7250 kg 15900 lb	4000 kg 8700 lb	9200 kg 20200 lb	5150 kg 11300 lb	12400 kg 27300 lb	6950 kg 15300 lb	*17250 kg *37900 lb	9850 kg 21600 lb	*23050 kg *50700 lb	15350 kg 33700 lb		
-1.5m -4'	7750 kg 17100 lb	4300 kg 9300 lb	9100 kg 19900 lb	5050 kg 11000 lb	12200 kg 26800 lb	6800 kg 14900 lb	*17100 kg *37600 lb	9600 kg 21100 lb	*23000 kg *50700 lb	15200 kg 33400 lb	*15050 kg *33100 lb	*15050 kg *33100 lb
-3.0m -9'	8800 kg 19300 lb	4900 kg 10700 lb	9100 kg 20000 lb	5050 kg 11100 lb	12200 kg 26800 lb	6750 kg 14800 lb	*16050 kg *35300 lb	9600 kg 21100 lb	*21050 kg *46400 lb	15350 kg 33700 lb	*22200 kg *48800 lb	*22200 kg *48800 lb
-4.5m -14'	*8900 kg *19600 lb	6100 kg 13400 lb			*10450 kg *23000 lb	6950 kg 15200 lb	*13800 kg *30400 lb	9800 kg 21600 lb	*17850 kg *39300 lb	15700 kg 34600 lb	*23300 kg *51200 lb	*23300 kg *51200 lb
-6.0m -19'	*8000 kg *17600 lb	*8000 kg *17600 lb					*9350 kg *20500 lb	*9350 kg *20500 lb	*12650 kg *27900 lb	*12650 kg *27900 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.

