

# KOMATSU®

## PC800LC-8

### With Tier 3 Engine

**FLYWHEEL HORSEPOWER**  
363 kW 487 HP @ 1800 rpm

**OPERATING WEIGHT**  
81400–87200 kg  
179,400–192,240 lb

**BUCKET CAPACITY**  
1.70 - 4.53 m<sup>3</sup> 2.23 - 5.93 yd<sup>3</sup>

**PC**  
**800**  
**LC**

HYDRAULIC EXCAVATOR



Photo may include optional equipment

# WALK-AROUND

## *Productivity Features*

- **High Work Equipment Speed**  
Increased arm dumping and bucket dumping speed improve loading efficiency
- **Heavy Lift Mode**  
Heavy lift mode increases lifting force by 10%
- **Large Digging Force**  
High operation efficiency with large digging force for severe applications
- **Two-Mode Setting for Boom**  
Switch selection allows either powerful digging or smooth boom operation
- **Twin Swing Motor System** provides excellent swing performance, even on slopes
- **Large Drawbar Pull and Steering Force** provide excellent mobility
- **Swing Priority Mode**  
The swing priority mode improves efficiency for loading dump trucks at 90° or 180°
- **Shockless Boom**  
Switch selection reduces chassis vibration after sudden stops

## *Excellent Reliability and Durability*

- **Fuel Pre-Filter** with water separator equipped as standard
- **O-Ring Face Seals**, which have excellent sealing performance, are used for the hydraulic hoses
- **High-Pressure In-line Filtration**  
The cool-running hydraulic system is protected with the most extensive filtration system available, including a high pressure in-line filter for each main pump

### **KOMTRAX™**

Komtrax equipped machines can send location, SMR and operation maps to a secure website utilizing wireless technology. Machines also relay error codes, cautions, maintenance items, fuel levels, and much more.



## *Easy Maintenance*

- **Easy Cleaning of Cooling Unit**  
Fan reverse-rotation function facilitates cleaning of radiator and coolers
  - **Centralized Arrangement of Engine Checkpoints**
  - **Slip-Resistant Plates** for improved foot traction
  - **Handrails, Steps and Catwalk** provide easy access to the engine and hydraulic equipment
  - **Increased Fuel Tank Capacity**
- 
- **Highly Reliable Electronic Devices**  
Exclusively designed electronic devices have passed severe testing:
    - Controllers • Sensors • Connectors
    - Circuit breaker
  - **Boom Foot Hoses** are arranged under the boom foot to improve hose life

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### *Ecology and Economy Features*

- **Komatsu SAA6D140E-5 Engine is EPA Tier 3 Emissions Certified**
  - World's first cooled EGR system with bypass-assist type electronically controlled venturi
  - Offers high power and low fuel consumption, while conforming to EPA Tier 3 emission regulations
  - Reduces NOx emissions by approximately 40%
  - Equipped with an electronically controlled variable speed fan

- **Economy Mode Four-Level Setting**  
Enables operator to select the appropriate Economy mode level to match production requirements with lowest fuel consumption

### *Working Environment*

- **Large Comfortable Cab**
  - Low noise and vibration with cab damper mounting
  - Large-capacity automatic air conditioner
  - Pressurized cab minimizes external dust from entering
  - Operator Protective Guard (OPG) top guard level 2 capable with optional bolt-on top guard



Photo may include optional equipment



### *Advanced Monitor Features*

- Machine condition can be checked with Equipment Management Monitoring System (EMMS)
- Two working modes combine with heavy lift mode for maximum productivity

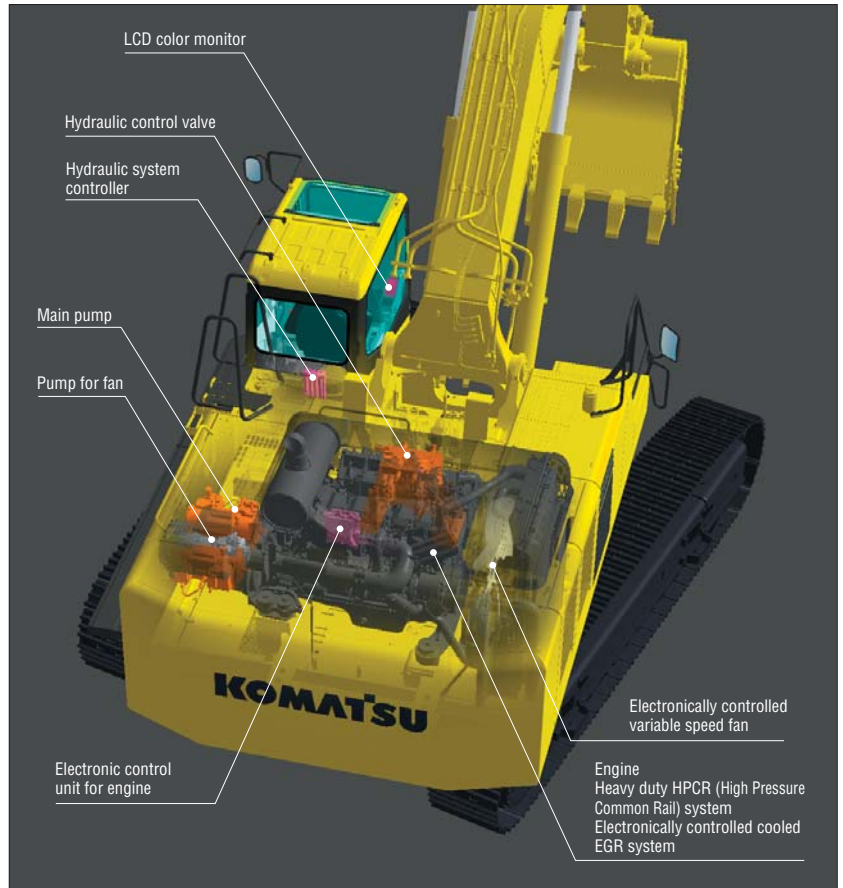
# PRODUCTIVITY FEATURES



Komatsu's new "ecot3" engines are designed to deliver optimum performance under the toughest of conditions, while meeting the latest environmental regulations. This engine is Tier 3 EPA and EU Stage 3A emissions certified. "ecot3" – ecology and economy combined with Komatsu technology to create a high performance engine without sacrificing power or productivity.

### Environment-Friendly Clean Engine

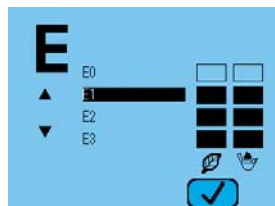
The PC800LC-8, which is equipped with the Komatsu SAA6D140E-5 engine, is USA EPA Tier 3 and EU stage 3A emissions certified. The SAA6D140E-5 engine adopts the world's first cooled EGR system with electronically controlled bypass-assist type venturi. NOx emission is reduced by 40%, while maintaining high power and low fuel consumption.



The above image is a 3D illustration and may differ from actual engine.

### Fuel Consumption Reduced Using Economy Mode

Enables operator to set the Eco mode at four different levels according to working conditions. Production requirement is achieved at lowest possible fuel consumption.



### Electronically Controlled Variable Speed Fan Contributes to Low Fuel Consumption and Low Noise

The electronic control system sets the rotational speed of the cooling fan according to the coolant, hydraulic oil, and ambient temperature. It effectively uses engine output to prevent wasteful fuel consumption and reduces noise during low-speed fan rotation.



### Reduction of Ambient Noise

In addition to the electronically-controlled variable-speed fan drive, noise levels are further reduced with a low-noise muffler with cover, hybrid fan, low-noise components, and sound absorbing padding installed throughout the machine.

## Large Digging Force

With its high engine output and efficient hydraulic system, the PC800LC-8 demonstrates powerful digging force.

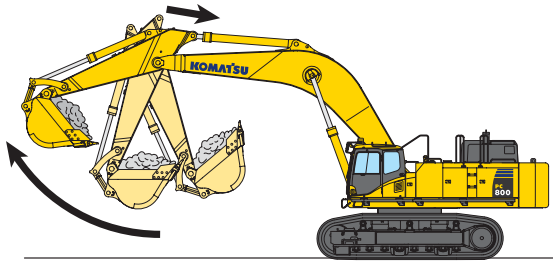
**Max. arm crowd force (SAE): 237 kN 53,350 lb\***

**Max. bucket digging force (SAE): 296 kN 66,580 lb\***

\*with 8200 mm 26'11" boom and 3600 mm 11'10" arm

## Work Equipment Speed Increased

An arm quick-return circuit is provided for arm dumping. This returns a portion of oil flow directly to the hydraulic tank at arm dumping to reduce hydraulic pressure loss. Combined with increased bucket dumping speed, faster loading work is realized.

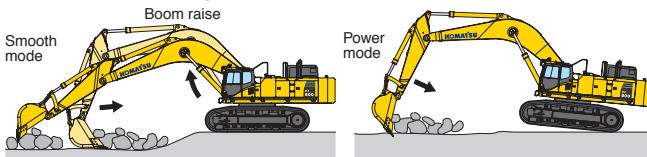


## Large Drawbar Pull and Steering Force

Since the machine has large drawbar pull and high steering force, it demonstrates excellent mobility even when operated on inclined sites.

## Two-Mode Setting for Boom

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



## Shockless Boom Control

The PC800LC-8 features a shockless boom control (double-check slow return valve) which automatically reduces the amount of vibration present when operating the boom. Operator fatigue is reduced (which can improve productivity) and spillage caused by vibration is minimized.



## Working Mode Selection

### Power and Economy Mode

The PC800LC-8 excavator is equipped with two working modes. Each mode is designed to match engine speed, pump flow, and system pressure to the current application, giving the operator flexibility to match equipment performance to the job at hand.

Working Mode	Application	Advantage
<b>P</b>	Power Mode	<ul style="list-style-type: none"> <li>• Maximum production/power</li> <li>• Fast cycle time</li> </ul>
<b>E</b> (E0,E1,E2,E3)	Economy Mode	<ul style="list-style-type: none"> <li>• Good cycle time</li> <li>• Improved fuel economy</li> </ul>

### Heavy Lift Mode

Gives the operator 10% more lifting force on the boom when needed for handling large rock or heavy lifting applications.

### Swing Priority Setting

The swing priority setting allows the operator to use the same easy motion for 180° loading as 90° loading operations. By altering the oil flow, this setting allows the operator to select either boom or swing as the priority for increased production.

Selection	Result
ON	Oil flow to the swing motor is increased. 180° loading operations are most efficient.
OFF	Oil flow to the boom is increased. 90° loading operations are most efficient.



Power Mode

Economy Mode

Heavy Lift Mode

Swing Priority Mode

# RELIABILITY FEATURES

## Excellent Reliability and Durability

### Boom Foot Hoses

The boom foot hoses are arranged under the boom foot to reduce hose bend during operation and to extend hose life.



### O-Ring Face Seal

The hydraulic hose seal has been changed from a conventional taper seal to an O-ring seal. This provides improved sealing performance during operation.

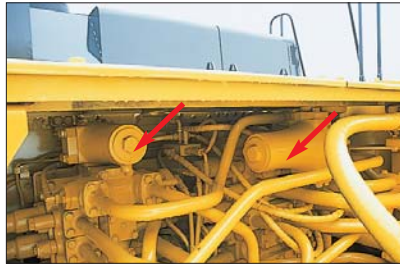
### Fuel Pre-Filter (with Water Separator)

Removes water and contaminants from fuel to enhance fuel system reliability.



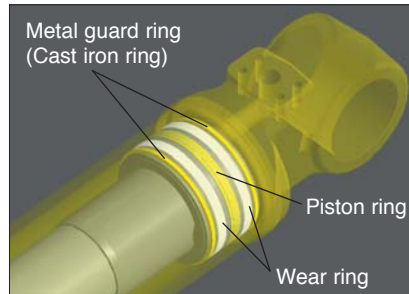
### High-Pressure In-line Filtration

The PC800LC-8 has the most extensive filtration system available, providing in-line filters as standard equipment. An in-line filter in the outlet port of each main hydraulic pump reduces failures caused by contamination.



### Metal Guard Rings

Metal guard rings protect all the hydraulic cylinders and improve reliability.



### Circuit Breaker

With the standard circuit breaker, the machine can be easily restarted after repair.



### Sturdy Undercarriage

The undercarriage is strengthened to provide excellent reliability and durability when working on rocky ground or blasted rock.



**Sturdy guards** shield the travel motors and piping from rock damage.



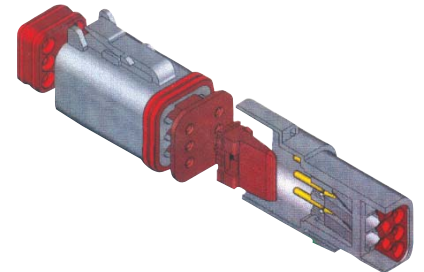
**Track roller guard (full length) (optional)**

### Strengthened Revolving Frame Underguard

Guards the upper machine body from rock damage and protects engine and hydraulic components.

### DT-type Connectors

DT-type connectors seal tight and have higher reliability.



# WORKING ENVIRONMENT

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

## Large Comfortable Cab

### Comfortable Cab

The PC800LC-8's cab offers an exceptionally comfortable operating environment. The large cab enables full flat reclining of the seat back with headrest.

### Pressurized Cab

The automatic air conditioner, air filters and a higher internal air pressure (6.0 mm Aq **0.2" Aq**) minimizes external dust from entering the cab.

### Low Noise Design

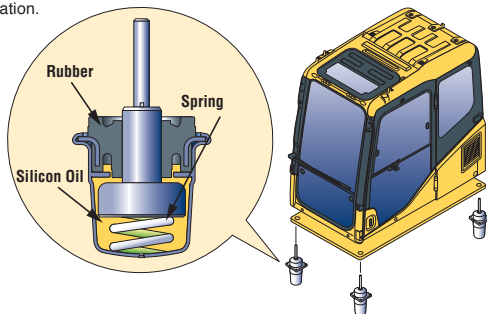
Both engine noise and swing and hydraulic relief noise are remarkably reduced.

### Low Vibration with Cab Damper Mounting

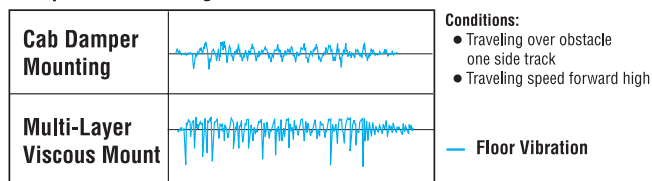
The PC800LC-8 uses a new, improved cab damper mount system that incorporates longer stroke and the addition of a spring. The new cab damper mounting, combined with a strengthened left and right side deck, aids vibration reduction at the operator's seat.

Vibration at the floor is reduced from 120 dB (VL) to 115 dB (VL).

dB (VL) is index for expressing size of vibration.



### Comparison of Riding Comfort



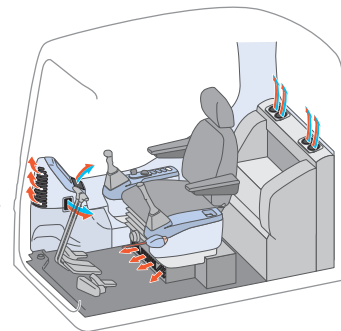
Vertical direction on graph shows size of vibration.



Photo may include optional equipment

### Automatic Air Conditioner

A 6900 kcal **27,400 Btu** automatic air conditioner is standard. 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.



Skylight



Sliding Window



Washable Floormat

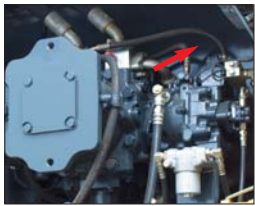
*The PC800LC-8's cab floor-mat is easy to keep clean. The gently inclined surface has a flanged floor-mat and drainage holes to facilitate runoff.*

# WORKING ENVIRONMENT (continued)

**Step light with timer** provides light for about one minute to allow the operator to exit the machine after operation.



**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.

**Slip-resistant plates** Serrated plates on working surfaces provide improved foot traction.



**Slip-resistant plates**

**Horn interconnected with warning light** gives visual and audible notice for directing trucks or other communication.



*Seat with headrest reclined full flat*

Photo may include optional equipment

## Multi-position Controls

The multi-position, PPC (proportional pressure 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"**

## Lock Lever

Makes all hydraulic cab controls inoperable when placed in lock position. Neutral start function only allows machine to be started in lock position.



**Defroster**



**Cab Frame Mounted Wiper**



**Bottle Holder and Magazine Rack**



# EASY MAINTENANCE

## Komatsu Designed the PC800LC-8 for Easy Service Access

### Easy Checking and Maintenance of Engine

Engine check points are concentrated on one side of the engine to facilitate daily checks. Thermal guards are placed around high-temperature parts such as the turbocharger.



### One-touch Drain Cock

Easier, cleaner engine oil changes.

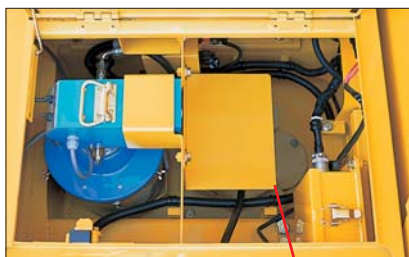
### Reduced Maintenance Costs

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

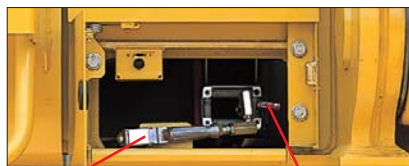


### Electric Operated Grease Gun Equipped with Hose Reel

Greasing is made easy with the electric operated grease gun with hose reel and indicator.



Grease drum storage location (top view)



**Grease gun**  
The grease gun can be reached from ground level.

**Indicator**

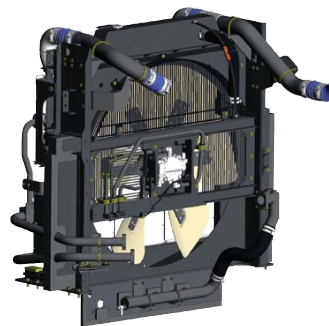
### Wide Catwalk and Large Handrails

Easy operator cab access and maintenance checks.



### Easy Cleaning of Radiator

The hydraulically driven fan can be reversed to facilitate cleaning of the cooling unit. In addition, this feature can reduce warm-up time in low temperatures.



### Convenient Utility Space

Utility space provides great convenience to store tools, coveralls, filters, etc.



### Increased Fuel Tank Capacity

Fuel tank capacity is increased from 880 ltr **232 U.S. gal** to 980 ltr **259 U.S. gal** to extend operating hours before refueling.

### Access Steps

Steps allow access from left hand catwalk to top of machine for engine check and maintenance.



### Dust Indicator with 5-step Indication

Informs of air cleaner clogging in 5 steps to warn of filter condition.



### Divided Type Engine Cover

The divided engine cover allows inspection points around the engine to be easily accessed.



# PC800LC-8 HYDRAULIC EXCAVATOR

## High-Quality EMMS Self-Diagnostic System



- **Abnormality Checking Function**

In case any abnormality should occur, the monitoring system checks whether hydraulic pressure, solenoid ON/OFF status, engine speed, electrical connections, etc. are within normal condition to keep machine downtime to a minimum.

- **Maintenance History Memory Function**

Maintenance records such as replacement of engine oil, hydraulic oil, filters, etc. can be stored. Operator is warned when service is due.

- **Trouble Data Memory Function**

Trouble data is stored to serve as reference for future troubleshooting. Error codes are displayed to aid in service diagnosis.

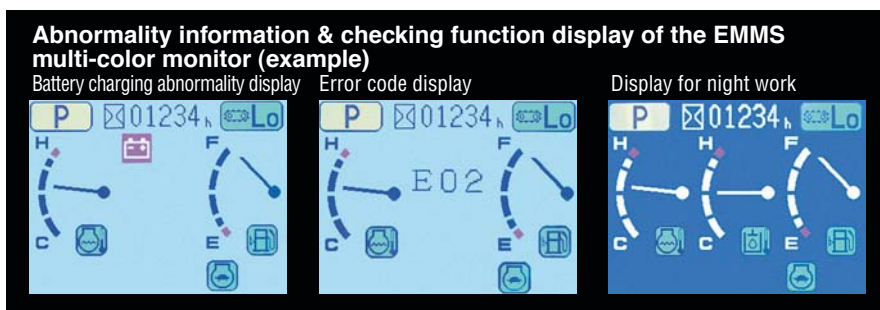
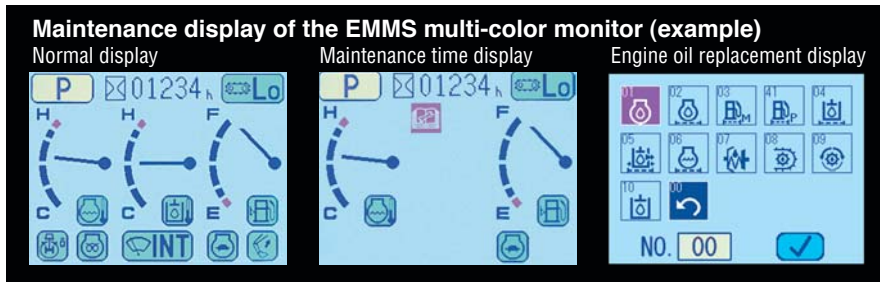


Photo may include optional equipment

# SPECIFICATIONS



## ENGINE

Model	Komatsu SAA6D140E-5
Type	4-cycle, water-cooled, direct injection
Aspiration	Turbocharged, aftercooled, cooled EGR
Number of cylinders	6
Bore	140 mm <b>5.51"</b>
Stroke	165 mm <b>6.50"</b>
Piston displacement	15.24 ltr <b>930 in<sup>3</sup></b>
Governor	All-speed, electronic
Horsepower	
SAE J1995	Gross 370 kW <b>496 HP</b>
ISO 9249 / SAE J1349	Net 363 kW <b>487 HP</b>
Hydraulic fan at maximum speed	Net 338 kW <b>454 HP</b>
Rated rpm	1800 rpm
Fan drive type	Hydraulic

EPA Tier 3 and EU stage 3A emission certified.



## HYDRAULIC SYSTEM

Type	EOLSS (Electronic Open-center Load Sensing System)
Number of selectable working modes	3

### Main pumps:

Type	Two (2) variable capacity piston pumps
Pumps for	Boom, arm, bucket, swing, and travel circuits

### Maximum flow:

Main	2 x 494 ltr/min <b>2 x 130.5 U.S. gpm</b>
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Fan drive pump . . . . . Variable capacity piston type

### Hydraulic motors:

Travel	2 x axial piston motors with parking brake
Swing	2 x axial piston motors with swing holding brake

### Relief valve setting:

Implement circuits	31.4 MPa 320 kg/cm <sup>2</sup>	<b>4,550 psi</b>
Travel circuit	34.3 MPa 350 kg/cm <sup>2</sup>	<b>4,980 psi</b>
Swing circuit	28.4 MPa 290 kg/cm <sup>2</sup>	<b>4,120 psi</b>
Heavy lift circuit	34.3 MPa 350 kg/cm <sup>2</sup>	<b>4,980 psi</b>
Pilot circuit	2.9 MPa 30 kg/cm <sup>2</sup>	<b>430 psi</b>

### Hydraulic cylinders:

Number of cylinders—bore x stroke		
Boom	2 – 200 mm x 1950 mm	<b>7.9" x 76.8"</b>
Arm:		
Standard	1 – 200 mm x 2250 mm	<b>7.9" x 88.6"</b>
SE	1 – 185 mm x 1610 mm	<b>7.3" x 63.4"</b>
Bucket:		
Standard	1 – 185 mm x 1610 mm	<b>7.3" x 63.4"</b>
SE	1 – 225 mm x 1420 mm	<b>8.9" x 55.9"</b>



## SWING SYSTEM

Driven by	2 x Hydraulic motors
Swing reduction	Planetary gear
Swing circle lubrication	Grease bathed
Swing lock	Oil disc brake
Swing speed	6.8 rpm
Swing torque	28968 kg·m <b>209,461 ft. lbs.</b>



## DRIVES AND BRAKES

Steering control	Two levers with pedals
Drive method	Fully hydrostatic
Travel motors	Axial piston motors, in-shoe design
Reduction system	Planetary double reduction
Maximum drawbar pull	559 kN 57000 kg <b>125,660 lb</b>
Gradeability	70%
Maximum travel speed: High	4.2 km/h <b>2.6 mph</b>
Low	2.8 km/h <b>1.7 mph</b>
Service brake	Hydraulic lock
Parking brake	Oil disc brake



## UNDERCARRIAGE

Center frame	H-leg frame
Track frame	Box-section
Track chain	Sealed
Track adjuster	Hydraulic
No. of shoes	51 each side
No. of carrier rollers	3 each side
No. of track rollers	9 each side



## COOLANT AND LUBRICANT CAPACITY (REFILLING)

Fuel tank	980 ltr <b>258.9 US gal</b>
Radiator	100 ltr <b>26.4 US gal</b>
Engine	58 ltr <b>15.3 US gal</b>
Final drive, each side	20 ltr <b>5.3 US gal</b>
Swing drive	2 x 24.5 ltr <b>2 x 6.5 US gal</b>
Hydraulic tank	440 ltr <b>116.2 US gal</b>



## OPERATING WEIGHT (APPROXIMATE)

Operating weight, including 8200 mm **26'11"** boom, 3600 mm **11'10"** arm, SAE heaped 3.1 m<sup>3</sup> **4.05 yd<sup>3</sup>** backhoe bucket, operator, lubricant, coolant, full fuel tank, and the standard equipment.

Double-Grouser Shoes	Operating Weight	Ground Pressure
810 mm <b>32"</b>	81600 kg <b>179,900 lb</b>	0.92 kg/cm <sup>2</sup> <b>13.1 psi</b>
1010 mm <b>40"</b>	83000 kg <b>182,980 lb</b>	0.75 kg/cm <sup>2</sup> <b>10.7 psi</b>
1110 mm <b>44"</b>	83700 kg <b>184,530 lb</b>	0.69 kg/cm <sup>2</sup> <b>9.78 psi</b>



## WORKING FORCES

Boom Length: 8200 mm **26'11"**

	Arms	3600 mm <b>11'10"</b>	4600 mm <b>15'1"</b>	5600 mm <b>18'4"</b>
SAE rating	Bucket digging force	30200 kg <b>66,580 lb</b>	30200 kg <b>66,580 lb</b>	30200 kg <b>66,580 lb</b>
	Arm crowd force	24200 kg <b>53,350 lb</b>	21800 kg <b>48,060 lb</b>	18500 kg <b>40,790 lb</b>
ISO rating	Bucket digging force	34000 kg <b>74,960 lb</b>	34000 kg <b>74,960 lb</b>	34000 kg <b>74,960 lb</b>
	Arm crowd force	25500 kg <b>56,220 lb</b>	22600 kg <b>49,820 lb</b>	19100 kg <b>42,110 lb</b>

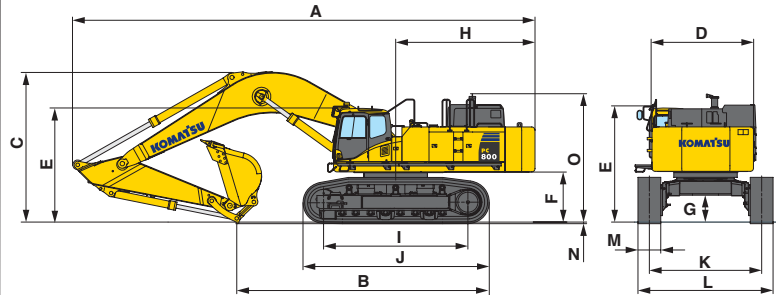
# PC800LC-8 HYDRAULIC EXCAVATOR



## PC800LC-8 STANDARD BOOM DIMENSIONS

Boom Length: 8200 mm 26'11"

	<b>Arm length</b>	3600 mm <b>11'10"</b>	4600 mm <b>15'1"</b>	5600 mm <b>18'4"</b>
A	Overall length	14405 mm <b>47'3"</b>	14435 mm <b>47'4"</b>	14115 mm <b>46'4"</b>
B	Length on ground (transport)	8105 mm <b>26'7"</b>	8225 mm <b>27'0"</b>	7940 mm <b>26'1"</b>
C	Overall height (to top of boom)	4690 mm <b>15'5"</b>	5630 mm <b>18'6"</b>	6260 mm <b>20'6"</b>
D	Overall width	3195 mm <b>10'6"</b>		
E	Overall height (to top of cab)	3565 mm <b>11'8"</b>		
F	Ground clearance, counterweight	1560 mm <b>5'1"</b>		
G	Minimum ground clearance	840 mm <b>2'9"</b>		
H	Tail swing radius	4400 mm <b>14'5"</b>		
I	Length of track on ground	5020 mm <b>16'6"</b>		
J	Track length	6330 mm <b>20'9"</b>		
K	Track gauge	3500 mm <b>11'6"</b>		
L	Width of crawler When retracted	4515 mm <b>14'10"</b> 3975 mm <b>13'0"</b>		
M	Shoe width	1010 mm <b>40"</b>		
N	Grouser height	50 mm <b>2.0"</b>		
O	Height (to top of exhaust)	4005 mm <b>13'2"</b>		



## BACKHOE BUCKET, ARM, AND BOOM COMBINATION

Bucket Type	Bucket			Standard Boom 8200 mm 26'11"			Long Boom 10000 mm 32'10"		SE Boom 7100 mm 23'4"
	Capacity	Width	Weight	Arm			Arm		SE Arm
				3600 mm 11'10"	4600 mm 15'1"	5600 mm 18'4"	4600 mm 15' 1"	5600 mm 18'4"	2945 mm 9'8"
Komatsu HP Heavy Duty Plate Lip w/ Wear Plate	1.70 m <sup>3</sup> 2.23 yd <sup>3</sup>	914 mm 36"	2544 kg 5609 lb	V	V	V	V	W	V
	2.09 m <sup>3</sup> 2.73 yd <sup>3</sup>	1067 mm 42"	2732 kg 6023 lb	V	V	W	W	X	V
	2.48 m <sup>3</sup> 3.25 yd <sup>3</sup>	1219 mm 48"	2998 kg 6610 lb	V	V	X	X	Y	V
	2.89 m <sup>3</sup> 3.78 yd <sup>3</sup>	1372 mm 54"	3190 kg 7032 lb	V	V	Y	Y	Z	V
	3.29 m <sup>3</sup> 4.31 yd <sup>3</sup>	1524 mm 60"	3456 kg 7619 lb	V	W	Z	Z	Z	V
	3.71 m <sup>3</sup> 4.85 yd <sup>3</sup>	1676 mm 66"	3652 kg 8052 lb	W	X	Z	Z	Z	V
	4.12 m <sup>3</sup> 5.39 yd <sup>3</sup>	1829 mm 72"	3919 kg 8639 lb	X	Y	Z	Z	Z	V
4.53 m <sup>3</sup> 5.93 yd <sup>3</sup>	1981 mm 78"	4115 kg 9072 lb	Y	Z	Z	Z	Z	W	
Komatsu HPS Heavy Duty Plate Lip w/ Wear Plate & Horiz. Strips	1.70 m <sup>3</sup> 2.23 yd <sup>3</sup>	914 mm 36"	2748 kg 6059 lb	V	V	V	V	W	V
	2.09 m <sup>3</sup> 2.73 yd <sup>3</sup>	1067 mm 42"	2963 kg 6533 lb	V	V	X	W	X	V
	2.48 m <sup>3</sup> 3.25 yd <sup>3</sup>	1219 mm 48"	3257 kg 7180 lb	V	V	Y	X	Z	V
	2.89 m <sup>3</sup> 3.78 yd <sup>3</sup>	1372 mm 54"	3475 kg 7662 lb	V	W	Z	Y	Z	V
	3.29 m <sup>3</sup> 4.31 yd <sup>3</sup>	1524 mm 60"	3769 kg 8309 lb	V	X	Z	Z	Z	V
	3.71 m <sup>3</sup> 4.85 yd <sup>3</sup>	1676 mm 66"	3993 kg 8802 lb	W	Y	Z	Z	Z	V
4.12 m <sup>3</sup> 5.39 yd <sup>3</sup>	1829 mm 72"	4286 kg 9449 lb	X	Y	Z	Z	Z	W	
Komatsu HPX Severe Duty Wear Plate & Horiz. Strips & Cast Steel Shrouds	1.70 m <sup>3</sup> 2.23 yd <sup>3</sup>	914 mm 36"	2916 kg 6429 lb	V	V	V	V	W	V
	2.09 m <sup>3</sup> 2.73 yd <sup>3</sup>	1067 mm 42"	3131 kg 6903 lb	V	V	X	W	Y	V
	2.48 m <sup>3</sup> 3.25 yd <sup>3</sup>	1219 mm 48"	3425 kg 7550 lb	V	V	Y	Y	Z	V
	2.89 m <sup>3</sup> 3.78 yd <sup>3</sup>	1372 mm 54"	3643 kg 8032 lb	V	W	Z	Z	Z	V
	3.29 m <sup>3</sup> 4.31 yd <sup>3</sup>	1524 mm 60"	3937 kg 8679 lb	W	X	Z	Z	Z	V
	3.71 m <sup>3</sup> 4.85 yd <sup>3</sup>	1676 mm 66"	4160 kg 9172 lb	X	Y	Z	Z	Z	V
	4.12 m <sup>3</sup> 5.39 yd <sup>3</sup>	1829 mm 72"	4454 kg 9819 lb	X	Y	Z	Z	Z	W

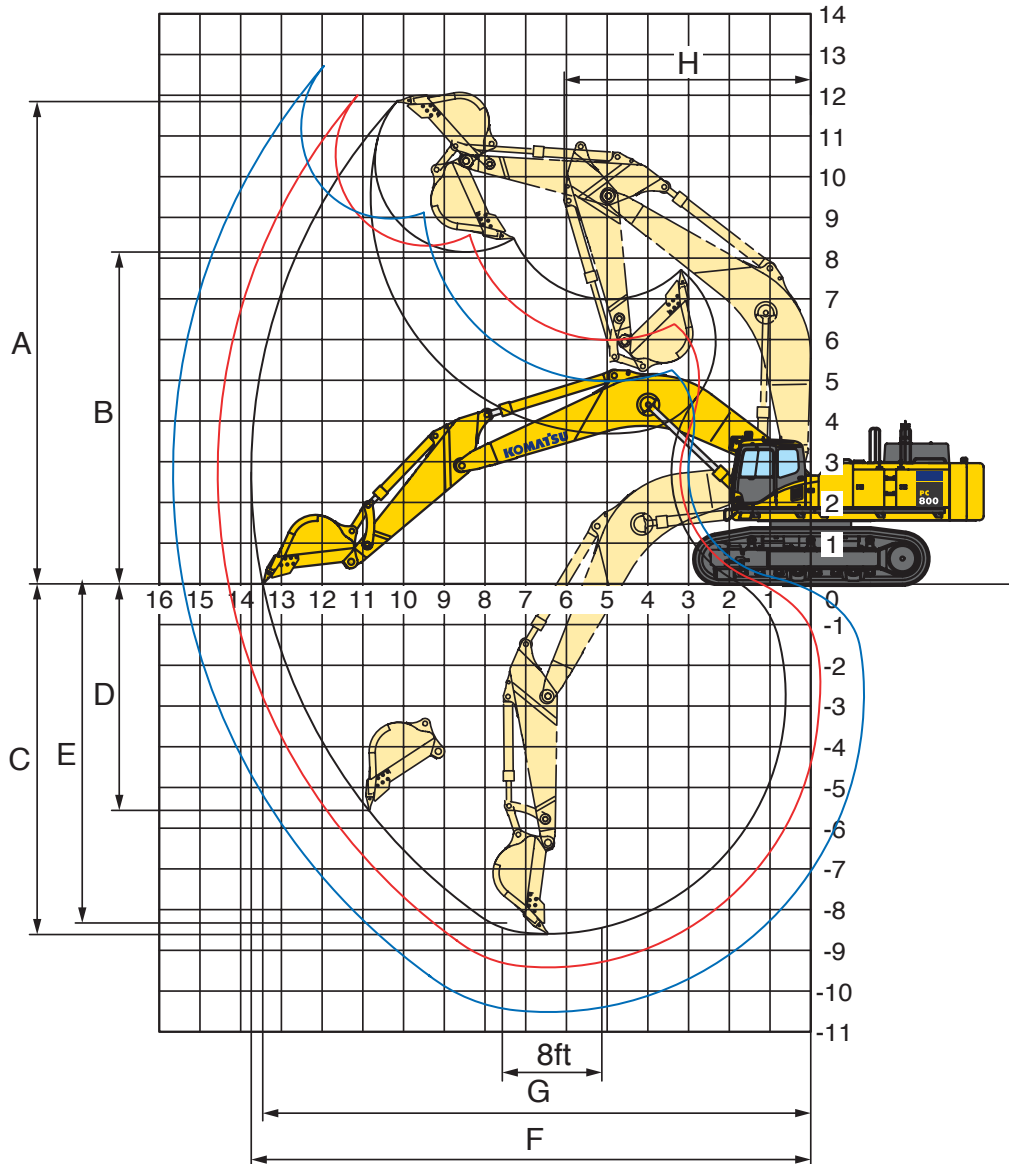
V – Used with weights up to 3,500 lb/yd<sup>3</sup>, W – Used with weights up to 3,000 lb/yd<sup>3</sup>

X – Used with weights up to 2,500 lb/yd<sup>3</sup>, Y – Used with weights up to 2,000 lb/yd<sup>3</sup>, Z – Not useable

# WORKING RANGES



PC800LC-8 STANDARD BOOM WORKING RANGE



Boom Length: 8200 mm 26'11"

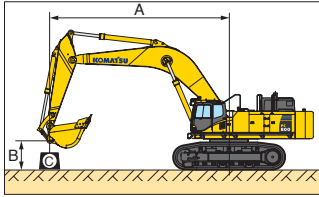
	Arm length	3600 mm 11'10"	4600 mm 15'1"	5600 mm 18'4"
A	Max. digging height	11840 mm 38'10"	11990 mm 39'4"	12690 mm 41'8"
B	Max. dumping height	8145 mm 26'9"	8295 mm 27'3"	8890 mm 29'2"
C	Max. digging depth	8600 mm 28'3"	9590 mm 31'6"	10595 mm 34'9"
D	Max. vertical wall digging depth	5575 mm 18'3"	6575 mm 21'7"	7920 mm 26'0"
E	Max. digging depth of cut for 8' level	8445 mm 27'8"	9455 mm 31'0"	10500 mm 34'5"
F	Max. digging reach	13740 mm 45'1"	14575 mm 47'10"	15635 mm 51'3"
G	Max. digging reach at ground level	13460 mm 44'2"	14310 mm 46'11"	15385 mm 50'6"
H	Min. swing radius	6060 mm 19'11"	6085 mm 20'0"	6145 mm 20'2"

# PC800LC-8 HYDRAULIC EXCAVATOR

## LIFTING CAPACITIES



### PC800LC-8 STANDARD BOOM LIFTING CAPACITY



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

- Conditions:
- Arm length: 3600 mm 11'10"
  - Boom length: 8200 mm 26'11"
  - Bucket: 3.1 m<sup>3</sup> 4.05 yd<sup>3</sup> (SAE heaped)
  - Bucket weight: 2950 kg 6,500 lb.
  - Heavy Lift mode: On

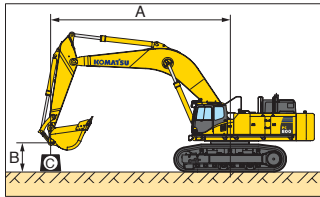
PC800LC-8		Shoe: 810 mm 32"										Unit: kg lb	
B	A	3.0 m 10'		4.6 m 15'		6.1 m 20'		7.6 m 25'		9.1 m 30'		☉ Maximum	
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
9.1 m 30'												*8300 *18,300	*8300 *18,300
7.6 m 25'										*12650 *27,900	*12650 *27,900	*8350 *18,400	*8350 *18,400
6.1 m 20'								*15600 *34,400	*15600 *34,400	*13700 *30,200	*13700 *30,200	*8700 *19,200	*8700 *19,200
4.6 m 15'				*33150 *73,100	*33150 *73,100	*22650 *50,000	*22650 *50,000	*17800 *39,200	*17800 *39,200	*15000 *33,100	*15000 *33,100	*9250 *20,400	*9250 *20,400
3.0 m 10'						*26400 *58,200	*26400 *58,200	*19950 *44,000	19450 42,900	*16350 *36,000	14550 32,000	*10100 *22,300	9100 20,100
1.5 m 5'						*28850 *63,600	25600 56,400	*21700 *47,800	18350 40,400	*17450 *38,500	13850 30,500	*11350 *25,000	8900 19,700
0.0 m 0'				*15650 *34,500	*15650 *34,500	*29800 *65,700	24700 54,400	*22700 *50,000	17600 38,800	*18200 *40,100	13300 29,300	*13200 *29,100	9050 20,000
-1.5 m -5'	*14300 *31,500	*14300 *31,500	*22250 *49,000	*22250 *49,000	*29550 *65,200	24350 53,600	*22900 *50,400	17200 37,900	*18350 *40,500	13000 28,700	*14300 *31,500	9600 21,200	
-3.0 m -10'	*21500 *47,400	*21500 *47,400	*30400 *67,000	*30400 *67,000	*28250 *62,300	24400 53,700	*22150 *48,900	17100 37,700	*17750 *39,200	12900 28,500	*14900 *32,900	10700 23,600	
-4.6 m -15'	*29600 *65,200	*29600 *65,200	*33000 *72,800	*33000 *72,800	*25650 *56,600	24700 54,600	*20300 *44,700	17300 38,200	*15950 *35,200	13150 29,000	*15550 *34,300	12800 28,300	
-6.1 m -20'			*27000 *59,500	*27000 *59,500	*21250 *46,900	*21250 *46,900	*16450 *36,300	*16450 *36,300			*15950 *35,100	*15950 *35,100	

PC800LC-8		Shoe: 1010 mm 40"										Unit: kg lb	
B	A	3.0 m 10'		4.6 m 15'		6.1 m 20'		7.6 m 25'		9.1 m 30'		☉ Maximum	
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
9.1 m 30'												*8300 *18,300	*8300 *18,300
7.6 m 25'										*12650 *27,900	*12650 *27,900	*8350 *18,400	*8350 *18,400
6.1 m 20'								*15600 *34,400	*15600 *34,400	*13700 *30,200	*13700 *30,200	*8700 *19,200	*8700 *19,200
4.6 m 15'				*33150 *73,100	*33150 *73,100	*22650 *50,000	*22650 *50,000	*17800 *39,200	*17800 *39,200	*15000 *33,100	*15000 *33,100	*9250 *20,400	*9250 *20,400
3.0 m 10'						*26400 *58,200	*26400 *58,200	*19950 *44,000	19800 43,600	*16350 *36,000	14800 32,600	*10100 *22,300	9300 20,500
1.5 m 5'						*28850 *63,600	26100 57,500	*21700 *47,800	18700 41,200	*17450 *38,500	14100 31,100	*11350 *25,000	9100 20,100
0.0 m 0'				*15650 *34,500	*15650 *34,500	*29800 *65,700	25150 55,500	*22700 *50,000	17950 39,500	*18200 *40,100	13600 29,900	*13200 *29,100	9250 20,400
-1.5 m -5'	*14300 *31,500	*14300 *31,500	*22250 *49,000	*22250 *49,000	*29550 *65,200	24800 54,700	*22900 *50,400	17550 38,700	*18350 *40,500	13250 29,300	*14300 *31,500	9800 21,700	
-3.0 m -10'	*21500 *47,400	*21500 *47,400	*30400 *67,000	*30400 *67,000	*28250 *62,300	24850 54,800	*22150 *48,900	17450 38,500	*17750 *39,200	13200 29,100	*14900 *32,900	10950 24,100	
-4.6 m -15'	*29600 *65,200	*29600 *65,200	*33000 *72,800	*33000 *72,800	*25650 *56,600	25250 55,600	*20300 *44,700	17650 39,000	*15950 *35,200	13400 29,600	*15550 *34,300	13100 28,900	
-6.1 m -20'			*27000 *59,500	*27000 *59,500	*21250 *46,900	*21250 *46,900	*16450 *36,300	*16450 *36,300			*15950 *35,100	*15950 *35,100	

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



## PC800LC-8 STANDARD BOOM LIFTING CAPACITY



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

- Conditions:
- Arm length: 3600 mm **11'10"**
  - Boom length: 8200 mm **26'11"**
  - Bucket: 3.1 m<sup>3</sup> **4.05 yd<sup>3</sup>** (SAE heaped)
  - Bucket weight: 2950 kg **6,500 lb.**
  - Heavy Lift mode: On

PC800LC-8 Shoe: 1110 mm 44"		Unit: kg lb											
B	A	3.0 m 10'		4.6 m 15'		6.1 m 20'		7.6 m 25'		9.1 m 30'		☉ Maximum	
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
9.1 m 30'												*8300 *18,300	*8300 *18,300
7.6 m 25'										*12650 *27,900	*12650 *27,900	*8350 *18,400	*8350 *18,400
6.1 m 20'								*15600 *34,400	*15600 *34,400	*13700 *30,200	*13700 *30,200	*8700 *19,200	*8700 *19,200
4.6 m 15'				*33150 *73,100	*33150 *73,100	*22650 *50,000	*22650 *50,000	*17800 *39,200	*17800 *39,200	*15000 *33,100	*15000 *33,100	*9250 *20,400	*9250 *20,400
3.0 m 10'						*26400 *58,200	*26400 *58,200	*19950 *44,000	19950 44,000	*16350 *36,000	14950 33,000	*10100 *22,300	9400 20,700
1.5 m 5'						*28850 *63,600	26300 58,000	*21700 *47,800	18850 41,600	*17450 *38,500	14250 31,400	*11350 *25,000	9250 20,300
0.0 m 0'				*15650 *34,500	*15650 *34,500	*29800 *65,700	25400 56,000	*22700 *50,000	18100 39,900	*18200 *40,100	13700 30,300	*13200 *29,100	9400 20,700
-1.5 m -5'	*14300 *31,500	*14300 *31,500	*22250 *49,000	*22250 *49,000	*29550 *65,200	25050 55,200	*22900 *50,400	17700 39,100	*18350 *40,500	13400 29,600	*14300 *31,500	9950 21,900	
-3.0 m -10'	*21500 *47,400	*21500 *47,400	*30400 *67,000	*30400 *67,000	*28250 *62,300	25100 55,300	*22150 *48,900	17650 38,900	*17750 *39,200	13350 29,400	*14900 *32,900	11050 24,400	
-4.6 m -15'	*29600 *65,200	*29600 *65,200	*33000 *72,800	*33000 *72,800	*25650 *56,600	25500 56,200	*20300 *44,700	17850 39,400	*15950 *35,200	13550 29,900	*15550 *34,300	13250 29,200	
-6.1 m -20'			*27000 *59,500	*27000 *59,500	*21250 *46,900	*21250 *46,900	*16450 *36,300	*16450 *36,300				*15950 *35,100	*15950 *35,100

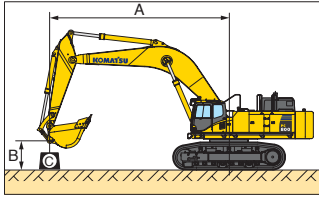
Ratings are based on ISO Standard No. 10567. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.  
 \*Load is limited by hydraulic capacity rather than tipping.

# PC800LC-8 HYDRAULIC EXCAVATOR

## LIFTING CAPACITIES



### PC800LC-8 STANDARD BOOM LIFTING CAPACITY



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

- Conditions:
- Arm length: 4600 mm 15'11"
  - Boom length: 8200 mm 26'11"
  - Bucket: 2.8 m<sup>3</sup> 3.66 yd<sup>3</sup> (SAE heaped)
  - Bucket weight: 2730 kg 6,017 lb.
  - Heavy Lift mode: On

PC800LC-8		Shoe: 810 mm 32"										Unit: kg lb	
B	A	4.6 m 15'		6.1 m 20'		7.6 m 25'		9.1 m 30'		10.7 m 35'		☉ Maximum	
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
9.1 m 30'										*8150 *18,000	*8150 *18,000	*7000 *15,400	*7000 *15,400
7.6 m 25'										*10050 *22,200	*10050 *22,200	*7050 *15,500	*7050 *15,500
6.1 m 20'								*12100 *26,700	*12100 *26,700	*11200 *24,600	*11200 *24,600	*7250 *16,000	*7250 *16,000
4.6 m 15'						*15800 *34,800	*15800 *34,800	*13500 *29,800	*13500 *29,800	*12050 *26,600	11950 26,300	*7650 *16,900	*7650 *16,900
3.0 m 10'				*23700 *52,200	*23700 *52,200	*18200 *40,100	*18200 *40,100	*15050 *33,200	14900 32,900	*13000 *28,700	11400 25,100	*8300 *18,300	7950 17,500
1.5 m 5'				*27000 *59,500	26500 58,500	*20350 *44,800	18800 41,500	*16400 *36,200	14100 31,100	*13900 *30,700	10850 24,000	*9200 *20,200	7750 17,100
0.0 m 0'		*16900 *37,200	*16900 *37,200	*28950 *63,800	25100 55,300	*21850 *48,100	17850 39,300	*17500 *38,500	13400 29,600	*14600 *32,200	10450 23,000	*10450 *23,100	7850 17,300
-1.5 m -5'		*20850 *46,000	*20850 *46,000	*29600 *65,300	24350 53,700	*22600 *49,800	17200 37,900	*18050 *39,800	12950 28,600	*14950 *32,900	10100 22,300	*12350 *27,300	8200 18,100
-3.0 m -10'		*26700 *58,900	*26700 *58,900	*29100 *64,200	24100 53,100	*22500 *49,600	16900 37,300	*18000 *39,700	12700 28,100	*14700 *32,400	9950 22,000	*13300 *29,300	8950 19,700
-4.6 m -15'		*34700 *76,600	*34700 *76,600	*27500 *60,600	24200 53,400	*21450 *47,300	16900 37,300	*17100 *37,700	12750 28,100			*14000 *30,900	10350 22,800
-6.1 m -20'		*31950 *70,400	*31950 *70,400	*24400 *53,800	*24400 *53,800	*19100 *42,100	17250 38,000	*14800 *32,600	13050 28,800			*14700 *32,500	13000 28,700

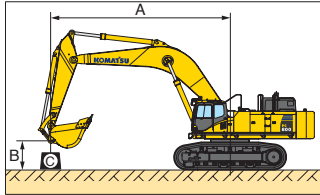
PC800LC-8		Shoe: 1010 mm 40"										Unit: kg lb	
B	A	4.6 m 15'		6.1 m 20'		7.6 m 25'		9.1 m 30'		10.7 m 35'		☉ Maximum	
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
9.1 m 30'										*8150 *18,000	*8150 *18,000	*7000 *15,400	*7000 *15,400
7.6 m 25'										*10050 *22,200	*10050 *22,200	*7050 *15,500	*7050 *15,500
6.1 m 20'								*12100 *26,700	*12100 *26,700	*11200 *24,600	*11200 *24,600	*7250 *16,000	*7250 *16,000
4.6 m 15'						*15800 *34,800	*15800 *34,800	*13500 *29,800	*13500 *29,800	*12050 *26,600	*12050 *26,600	*7650 *16,900	*7650 *16,900
3.0 m 10'				*23700 *52,200	*23700 *52,200	*18200 *40,100	*18200 *40,100	*15050 *33,200	*15050 *33,200	*13000 *28,700	11650 25,600	*8300 *18,300	8150 17,900
1.5 m 5'				*27000 *59,500	*27000 *59,500	*20350 *44,800	19150 42,300	*16400 *36,200	14350 31,700	*13900 *30,700	11100 24,500	*9200 *20,200	7950 17,500
0.0 m 0'		*16900 *37,200	*16900 *37,200	*28950 *63,800	25550 56,400	*21850 *48,100	18150 40,100	*17500 *38,500	13700 30,200	*14600 *32,200	10650 23,500	*10450 *23,100	8050 17,700
-1.5 m -5'		*20850 *46,000	*20850 *46,000	*28050 *61,900	24800 54,700	*22600 *49,800	17550 38,700	*18050 *39,800	13250 29,200	*14950 *32,900	10350 22,800	*12350 *27,300	8400 18,500
-3.0 m -10'		*23450 *51,700	*23450 *51,700	*28350 *62,500	24550 54,200	*22500 *49,600	17250 38,000	*18000 *39,700	13000 28,700	*14700 *32,400	10200 22,500	*13300 *29,300	9150 20,200
-4.6 m -15'		*24500 *54,000	*24500 *54,000	*27500 *60,600	24700 54,400	*21450 *47,300	17250 38,100	*17100 *37,700	13000 28,700			*14000 *30,900	10600 23,300
-6.1 m -20'		*26600 *58,700	*26600 *58,700	*24400 *53,800	*24400 *53,800	*19100 *42,100	17600 38,800	*14800 *32,600	13300 29,400			*14700 *32,500	13250 29,300

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





## PC800LC-8 STANDARD BOOM LIFTING CAPACITY



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

- Conditions:
- Arm length: 4600 mm 15'1"
  - Boom length: 8200 mm 26'11"
  - Bucket: 2.8 m<sup>3</sup> 3.66 yd<sup>3</sup> (SAE heaped)
  - Bucket weight: 2730 kg 6,017 lb.
  - Heavy Lift mode: On

PC800LC-8 Shoe: 1110 mm 44"		Unit: kg lb											
B	A	4.6 m 15'		6.1 m 20'		7.6 m 25'		9.1 m 30'		10.7 m 35'		☉ Maximum	
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
9.1 m 30'										*8150 *18,000	*8150 *18,000	*7000 *15,400	*7000 *15,400
7.6 m 25'										*10050 *22,200	*10050 *22,200	*7050 *15,500	*7050 *15,500
6.1 m 20'								*12100 *26,700	*12100 *26,700	*11200 *24,600	*11200 *24,600	*7250 *16,000	*7250 *16,000
4.6 m 15'						*15800 *34,800	*15800 *34,800	*13500 *29,800	*13500 *29,800	*12050 *26,600	*12050 *26,600	*7650 *16,900	*7650 *16,900
3.0 m 10'				*23700 *52,200	*23700 *52,200	*18200 *40,100	*18200 *40,100	*15050 *33,200	*15050 *33,200	*13000 *28,700	11750 25,900	*8300 *18,300	8200 18,100
1.5 m 5'				*27000 *59,500	*27000 *59,500	*20350 *44,800	19350 42,600	*16400 *36,200	14500 32,000	*13900 *30,700	11200 24,700	*9200 *20,200	8050 17,700
0.0 m 0'	*16900 *37,200	*16900 *37,200	*28950 *63,800	25800 56,900	*21850 *48,100	18350 40,500	*17500 *38,500	13850 30,500	*14600 *32,200	10750 23,800	*10450 *23,100	8100 17,900	
-1.5 m -5'	*20850 *46,000	*20850 *46,000	*29600 *65,300	25050 55,300	*22600 *49,800	17700 39,100	*18050 *39,800	13350 29,500	*14950 *32,900	10450 23,100	*12350 *27,300	8500 18,700	
-3.0 m -10'	*26700 *58,900	*26700 *58,900	*29100 *64,200	24800 54,700	*22500 *49,600	17450 38,400	*18000 *39,700	13150 29,000	*14700 *32,400	10300 22,700	*13300 *29,300	9250 20,400	
-4.6 m -15'	*34700 *76,600	*34700 *76,600	*27500 *60,600	24950 55,000	*21450 *47,300	17450 38,500	*17100 *37,700	13150 29,000			*14000 *30,900	10700 23,600	
-6.1 m -20'	*31950 *70,400	*31950 *70,400	*24400 *53,800	*24400 *53,800	*19100 *42,100	17750 39,200	*14800 *32,600	13450 29,700			*14700 *32,500	13400 29,600	

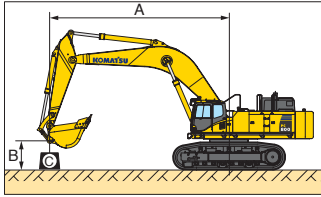
Ratings are based on ISO Standard No. 10567. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.  
 \*Load is limited by hydraulic capacity rather than tipping.

# PC800LC-8 HYDRAULIC EXCAVATOR

## LIFTING CAPACITIES



### PC800LC-8 STANDARD BOOM LIFTING CAPACITY



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

- Conditions:
- Arm length: 5600 mm 18'4"
  - Boom length: 8200 mm 26'11"
  - Bucket: 2.8 m<sup>3</sup> 3.66 yd<sup>3</sup> (SAE heaped)
  - Bucket weight: 2730 kg 6,017 lb.
  - Heavy Lift mode: On

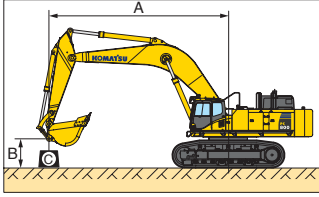
PC800LC-8		Shoe: 810 mm 32"												Unit: kg lb	
B	A	4.6 m 15'		6.1 m 20'		7.6 m 25'		9.1 m 30'		10.7 m 35'		12.2 m 40'		☉ Maximum	
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
9.1 m 30'												*4800 *10,600	*4800 *10,600	*4600 *10,100	*4600 *10,100
7.6 m 25'												*6450 *14,300	*6450 *14,300	*4550 *10,100	*4550 *10,100
6.1 m 20'										*9000 *19,900	*9000 *19,900	*7650 *16,900	*7650 *16,900	*4700 *10,300	*4700 *10,300
4.6 m 15'								*11700 *25,800	*11700 *25,800	*10600 *23,300	*10600 *23,300	*8900 *19,700	*8900 *19,700	*4900 *10,800	*4900 *10,800
3.0 m 10'				*20400 *44,900	*20400 *44,900	*15950 *35,200	*15950 *35,200	*13350 *29,400	*13350 *29,400	*11650 *25,700	11450 25,200	*10400 *22,900	8800 19,400	*5250 *11,600	*5250 *11,600
1.5 m 5'	*21850 *48,200	*21850 *48,200	*24250 *53,500	*24250 *53,500	*18350 *40,500	*18350 *40,500	*14900 *32,900	14150 31,200	*12650 *27,900	10800 23,800	*11100 *24,500	8400 18,500	*5750 *12,700	*5750 *12,700	
0.0 m 0'	*17550 *38,700	*17550 *38,700	*27000 *59,500	25250 55,700	*20300 *44,700	17800 39,300	*16200 *35,800	13300 29,300	*13550 *29,900	10250 22,600	*11650 *25,700	8000 17,700	*6500 *14,300	6450 14,200	
-1.5 m -5'	*19100 *42,100	*19100 *42,100	*28500 *62,800	24100 53,100	*21500 *47,400	16950 37,400	*17100 *37,800	12700 28,000	*14150 *31,200	9800 21,600	*12000 *26,400	7750 17,100	*7550 *16,600	6700 14,700	
-3.0 m -10'	*22950 *50,600	*22950 *50,600	*28800 *63,500	23500 51,800	*21950 *48,400	16450 36,200	*17500 *38,600	12300 27,100	*14350 *31,600	9550 21,000	*11900 *26,200	7600 16,800	*9050 *20,000	7200 15,900	
-4.6 m -15'	*28600 *63,100	*28600 *63,100	*28000 *61,700	23350 51,500	*21550 *47,600	16250 35,800	*17200 *37,900	12150 26,800	*13900 *30,700	9450 20,900			*11500 *25,400	8100 17,900	
-6.1 m -20'	*34800 *76,800	*34800 *76,800	*25900 *57,100	23600 52,100	*20100 *44,400	16400 36,100	*15900 *35,100	12250 27,000					*12550 *27,600	9750 21,500	
-7.6 m -25'	*29350 *64,700	*29350 *64,700	*22150 *48,800	*22150 *48,800	*17100 *37,700	16850 37,200							*13100 *28,900	12950 28,500	

PC800LC-8		Shoe: 1010 mm 40"												Unit: kg lb	
B	A	4.6 m 15'		6.1 m 20'		7.6 m 25'		9.1 m 30'		10.7 m 35'		12.2 m 40'		☉ Maximum	
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
9.1 m 30'												*4800 *10,600	*4800 *10,600	*4600 *10,100	*4600 *10,100
7.6 m 25'												*6450 *14,300	*6450 *14,300	*4550 *10,100	*4550 *10,100
6.1 m 20'										*9000 *19,900	*9000 *19,900	*7650 *16,900	*7650 *16,900	*4700 *10,300	*4700 *10,300
4.6 m 15'								*11700 *25,800	*11700 *25,800	*10600 *23,300	*10600 *23,300	*8900 *19,700	*8900 *19,700	*4900 *10,800	*4900 *10,800
3.0 m 10'				*20400 *44,900	*20400 *44,900	*15950 *35,200	*15950 *35,200	*13350 *29,400	*13350 *29,400	*11650 *25,700	*11650 *25,700	*10400 *22,900	9000 19,800	*5250 *11,600	*5250 *11,600
1.5 m 5'	*21850 *48,200	*21850 *48,200	*24250 *53,500	*24250 *53,500	*18350 *40,500	*18350 *40,500	*14900 *32,900	14400 31,800	*12650 *27,900	11050 24,300	*11100 *24,500	8600 18,900	*5750 *12,700	*5750 *12,700	
0.0 m 0'	*17550 *38,700	*17550 *38,700	*27000 *59,500	25750 56,700	*20300 *44,700	18150 40,100	*16200 *35,800	13600 30,000	*13550 *29,900	10500 23,100	*11650 *25,700	8200 18,100	*6500 *14,300	*6500 *14,300	
-1.5 m -5'	*19100 *42,100	*19100 *42,100	*28500 *62,800	24550 54,100	*21500 *47,400	17300 38,100	*17100 *37,800	12950 28,600	*14150 *31,200	10050 22,100	*12000 *26,400	7950 17,500	*7550 *16,600	6850 15,100	
-3.0 m -10'	*22950 *50,600	*22950 *50,600	*28800 *63,500	23950 52,800	*21950 *48,400	16800 37,000	*17500 *38,600	12550 27,700	*14350 *31,600	9750 21,500	*11900 *26,200	7800 17,200	*9050 *20,000	7400 16,300	
-4.6 m -15'	*28600 *63,100	*28600 *63,100	*28000 *61,700	23850 52,500	*21550 *47,600	16600 36,600	*17200 *37,900	12400 27,400	*13900 *30,700	9700 21,400			*11500 *25,400	8300 18,300	
-6.1 m -20'	*34800 *76,800	*34800 *76,800	*25900 *57,100	24100 53,100	*20100 *44,400	16700 36,900	*15900 *35,100	12550 27,600					*12550 *27,600	10000 22,000	
-7.6 m -25'	*29350 *64,700	*29350 *64,700	*22150 *48,800	*22150 *48,800	*17100 *37,700	17100 37,700							*13100 *28,900	*13100 *28,900	

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



## PC800LC-8 STANDARD BOOM LIFTING CAPACITY



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

- Conditions:
- Arm length: 5600 mm 18'4"
  - Boom length: 8200 mm 26'11"
  - Bucket: 2.8 m<sup>3</sup> 3.66 yd<sup>3</sup> (SAE heaped)
  - Bucket weight: 2730 kg 6,017 lb.
  - Heavy Lift mode: On

PC800LC-8 Shoe: 1110 mm 44"		Unit: kg lb													
B	A	4.6 m 15'		6.1 m 20'		7.6 m 25'		9.1 m 30'		10.7 m 35'		12.2 m 40'		⊗ Maximum	
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
9.1 m 30'												*4800 *10,600	*4800 *10,600	*4600 *10,100	*4600 *10,100
7.6 m 25'												*6450 *14,300	*6450 *14,300	*4550 *10,100	*4550 *10,100
6.1 m 20'										*9000 *19,900	*9000 *19,900	*7650 *16,900	*7650 *16,900	*4700 *10,300	*4700 *10,300
4.6 m 15'								*11700 *25,800	*11700 *25,800	*10600 *23,300	*10600 *23,300	*8900 *19,700	*8900 *19,700	*4900 *10,800	*4900 *10,800
3.0 m 10'				*20400 *44,900	*20400 *44,900	*15950 *35,200	*15950 *35,200	*13350 *29,400	*13350 *29,400	*11650 *25,700	*11650 *25,700	*10400 *22,900	9100 20,000	*5250 *11,600	*5250 *11,600
1.5 m 5'	*21850 *48,200	*21850 *48,200	*24250 *53,500	*24250 *53,500	*18350 *40,500	*18350 *40,500	*14900 *32,900	14550 32,100	*12650 *27,900	11150 24,600	*11100 *24,500	8700 19,100	*5750 *12,700	*5750 *12,700	
0.0 m 0'	*17550 *38,700	*17550 *38,700	*27000 *59,500	26000 57,300	*20300 *44,700	18350 40,500	*16200 *35,800	13700 30,300	*13550 *29,900	10600 23,400	*11650 *25,700	8300 18,300	*6500 *14,300	*6500 *14,300	
-1.5 m -5'	*19100 *42,100	*19100 *42,100	*28500 *62,800	24800 54,700	*21500 *47,400	17450 38,500	*17100 *37,800	13100 28,900	*14150 *31,200	10150 22,400	*12000 *26,400	8050 17,700	*7550 *16,600	6950 15,300	
-3.0 m -10'	*22950 *50,600	*22950 *50,600	*28800 *63,500	24200 53,400	*21950 *48,400	16950 37,400	*17500 *38,600	12700 28,000	*14350 *31,600	9900 21,800	*11900 *26,200	7900 17,400	*9050 *20,000	7500 16,500	
-4.6 m -15'	*28600 *63,100	*28600 *63,100	*28000 *61,700	24100 53,100	*21550 *47,600	16750 37,000	*17200 *37,900	12550 27,700	*13900 *30,700	9800 21,600			*11500 *25,400	8400 18,600	
-6.1 m -20'	*34800 *76,800	*34800 *76,800	*25900 *57,100	24350 53,600	*20100 *44,400	16900 37,300	*15900 *35,100	12650 27,900					*12550 *27,600	10100 22,300	
-7.6 m -25'	*29350 *64,700	*29350 *64,700	*22150 *48,800	*22150 *48,800	*17100 *37,700	*17100 *37,700								*13100 *28,900	*13100 *28,900

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

# PC800LC-8 HYDRAULIC EXCAVATOR

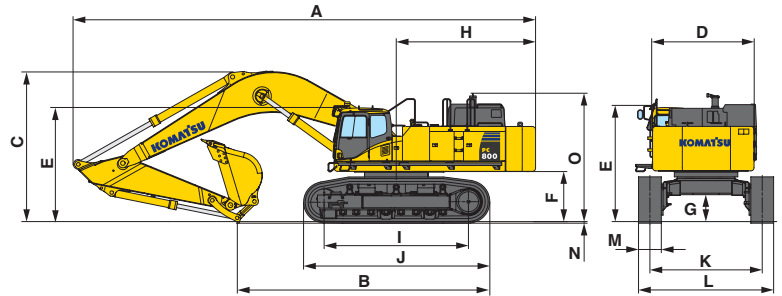
# DIMENSIONS AND WORKING RANGE



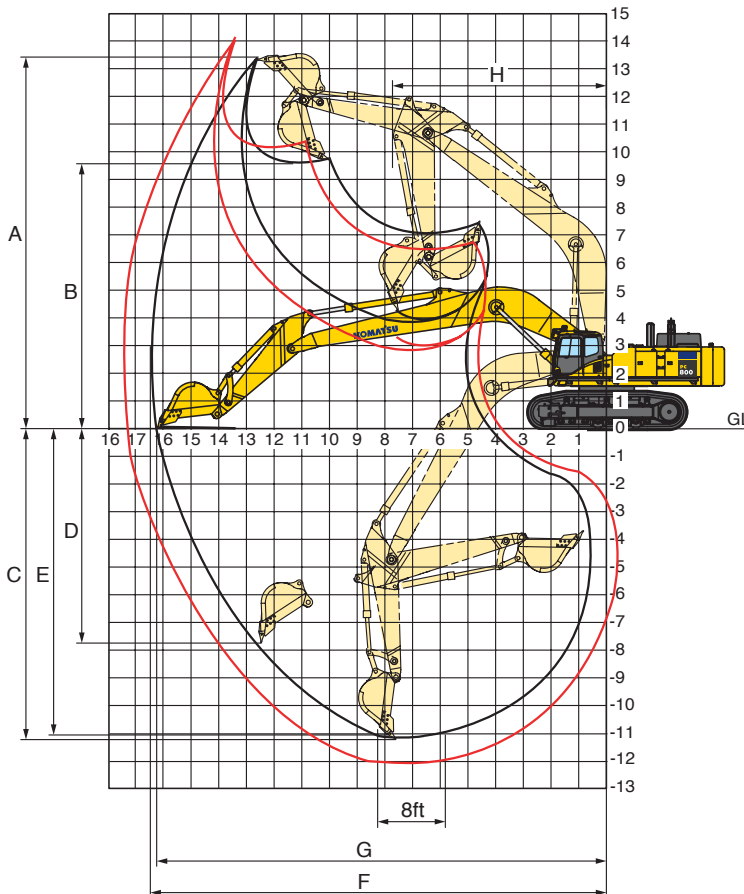
## PC800LC-8 LONG BOOM DIMENSIONS

Boom Length: 10000 mm 32'10"

	Arm length	4600 mm	15'1"	5600 mm	18'4"
A	Overall length	16150 mm	53'0"	15895 mm	52'2"
B	Length on ground (transport)	10230 mm	33'7"	9840 mm	32'3"
C	Overall height (to top of boom)	5640 mm	18'6"	6080 mm	20'0"
D	Overall width	3195 mm	10'6"		
E	Overall height (to top of cab)	3565 mm	11'8"		
F	Ground clearance, counterweight	1560 mm	5'1"		
G	Min. ground clearance	840 mm	2'9"		
H	Tail swing radius	4400 mm	14'5"		
I	Length of track on ground	5020 mm	16'6"		
J	Track length	6330 mm	20'9"		
K	Track gauge	3500 mm	11'6"		
L	Width of crawler When retracted	4310 mm	14'2"	3770 mm	12'4"
M	Shoe width	810 mm	32"		
N	Grouser height	50 mm	2"		
O	Height (to top of exhaust)	4005 mm	13'2"		



## PC800LC-8 LONG BOOM WORKING RANGE



Boom Length: 10000 mm 32'10"

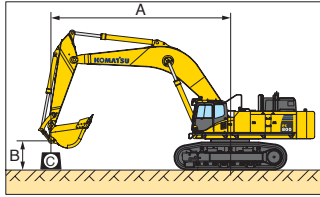
	Arm length	4600 mm	15'1"	5600 mm	18'4"
A	Max. digging height	13270 mm	43'6"	13970 mm	45'10"
B	Max. dumping height	9530 mm	31'3"	10135 mm	33'3"
C	Max. digging depth	11165 mm	36'8"	12170 mm	39'11"
D	Max. vertical wall digging depth	8010 mm	26'3"	9415 mm	30'11"
E	Max. digging depth of cut for 8' level	11030 mm	36'2"	12075 mm	39'7"
F	Max. digging reach	16450 mm	54'0"	17505 mm	57'5"
G	Max. digging reach at ground level	16215 mm	53'2"	17285 mm	56'8"
H	Min. swing radius	7525 mm	24'8"	7575 mm	24'10"

	ISO rating	30200 kg	66,580 lb	30200 kg	66,580 lb
SAE rating	Bucket digging force	30200 kg	66,580 lb	30200 kg	66,580 lb
	Arm crowd force	21800 kg	48,060 lb	18500 kg	40,790 lb
ISO rating	Bucket digging force	34000 kg	74,960 lb	34000 kg	74,960 lb
	Arm crowd force	22600 kg	49,820 lb	19100 kg	42,110 lb

# LIFTING CAPACITIES



### PC800LC-8 LONG BOOM LIFTING CAPACITY



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

- Conditions:
- Arm length: See below
  - Boom length: 10000 mm 32'10"
  - Bucket: 2.0 m<sup>3</sup> 2.62 yd<sup>3</sup> (SAE heaped)
  - Bucket weight: 2300 kg 5,070 lb.
  - Heavy Lift mode: On

PC800LC-8		Arm: 4600 mm 15'1"				Shoe: 1010 mm 40"								Unit: kg lb	
B	A	6.1 m 20'		7.6 m 25'		9.1 m 30'		10.7 m 35'		12.2 m 40'		13.7 m 45'		☉ Maximum	
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
10.7 m 35'										*7700 *17,000	*7700 *17,000			*7600 *16,700	*7600 *16,700
9.1 m 30'										*7800 *17,200	*7800 *17,200			*7550 *16,600	*7550 *16,600
7.6 m 25'										*8100 *17,900	*8100 *17,900	*7800 *17,200	7400 16,300	*7650 *16,800	7200 15,900
6.1 m 20'						*10850 *24,000	*10850 *24,000	*9550 *21,000	*9550 *21,000	*8650 *19,000	*8650 *19,000	*8050 *17,800	7200 15,900	*7850 *17,400	6450 14,300
4.6 m 15'			*15150 *33,400	*15150 *33,400	*12250 *27,000	*12250 *27,000	*10450 *23,100	*10450 *23,100	*9250 *20,400	8850 19,500	8850 19,500	*8450 *18,600	6900 15,200	*8100 *17,900	5950 13,100
3.0 m 10'			*17250 *38,000	*17250 *38,000	*13650 *30,100	13600 30,000	*11400 *25,100	10600 23,400	*9900 *21,800	8350 18,400	8350 18,400	*8850 *19,500	6600 14,600	*8350 *18,400	5650 12,400
1.5 m 5'			*18900 *41,600	16550 36,500	*14800 *32,700	12700 28,000	*12250 *27,000	9950 21,900	*10500 *23,100	7900 17,400	7900 17,400	*9250 *20,400	6300 13,900	*8650 *19,000	5500 12,100
0.0 m 0'			*19950 *43,900	15650 34,500	*15700 *34,600	12000 26,400	*12900 *28,400	9450 20,800	*10950 *24,200	7550 16,600	7550 16,600	*9550 *21,000	6050 13,400	8900 19,700	5500 12,100
-1.5 m -5'		*16850 *37,100	*16850 *37,100	*20400 *45,000	15200 33,500	*16200 *35,700	11550 25,400	*13350 *29,400	9100 20,000	*11250 *24,800	7300 16,100	*9600 *21,200	5900 13,100	9200 20,300	5650 12,500
-3.0 m -10'		*21950 *48,400	21550 47,500	*20350 *44,800	15050 33,100	*16350 *36,000	11300 25,000	*13450 *29,700	8900 19,600	*11300 *24,900	7150 15,800			*9750 *21,500	6050 13,300
-4.6 m -15'		*24950 *55,000	21850 48,200	*19750 *43,500	15100 33,300	*16000 *35,300	11300 25,000	*13200 *29,100	8900 19,600	*10950 *24,100	7200 15,900			*10200 *22,500	6750 14,900
-6.1 m -20'		*23150 *51,100	22350 49,300	*18550 *40,900	15450 34,000	*15100 *33,300	11550 25,400	*12350 *27,200	9050 20,000					*10700 *23,600	7900 17,500
-7.6 m -25'		*20450 *45,100	*20450 *45,100	*16500 *36,400	16000 35,300	*13300 *29,400	12000 26,400							*11100 *24,500	10050 22,200

PC800LC-8		Arm: 5600 mm 18'4"				Shoe: 1010 mm 40"								Unit: kg lb	
B	A	6.1 m 20'		7.6 m 25'		9.1 m 30'		10.7 m 35'		12.2 m 40'		13.7 m 45'		☉ Maximum	
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
10.7 m 35'														*5200 *11,400	*5200 *11,400
9.1 m 30'												*6450 *14,200	*6450 *14,200	*5100 *11,300	*5100 *11,300
7.6 m 25'										*6950 *15,300	*6950 *15,300	*6650 *14,700	*6650 *14,700	*5150 *11,300	*5150 *11,300
6.1 m 20'										*7500 *16,500	*7500 *16,500	*7000 *15,400	*7000 *15,400	*5250 *11,600	*5250 *11,600
4.6 m 15'						*10700 *23,600	*10700 *23,600	*9200 *20,200	*9200 *20,200	*8150 *17,900	*8150 *17,900	*7400 *16,400	6850 15,100	*5450 *12,000	4900 10,800
3.0 m 10'				*15250 *33,600	*15250 *33,600	*12150 *26,800	*12150 *26,800	*10150 *22,400	*10150 *22,400	*8800 *19,500	8300 18,300	*7900 *17,400	6500 14,300	*5750 *12,700	4600 10,100
1.5 m 5'				*17150 *37,800	16750 36,900	*13450 *29,600	12700 28,000	*11100 *24,400	9850 21,700	*9500 *20,900	7750 17,100	*8350 *18,400	6100 13,500	*6200 *13,700	4450 9,800
0.0 m 0'		*13950 *30,700	*13950 *30,700	*18550 *40,900	15550 34,300	*14500 *32,000	11800 26,000	*11900 *26,200	9200 20,300	*10050 *22,200	7300 16,100	*8750 *19,300	5800 12,800	*6800 *15,000	4400 9,800
-1.5 m -5'		*15750 *34,700	*15750 *34,700	*19400 *42,700	14800 32,700	*15250 *33,600	11200 24,700	*12450 *27,500	8750 19,300	*10500 *23,100	6950 15,300	*9050 *19,900	5550 12,300	*7600 *16,800	4550 10,000
-3.0 m -10'		*19200 *42,300	*19200 *42,300	*19700 *43,400	14450 31,800	*15600 *34,400	10850 23,900	*12800 *28,200	8450 18,600	*10700 *23,600	6700 14,800	*9100 *20,100	5450 12,000	8200 18,100	4800 10,600
-4.6 m -15'		*24050 *53,000	20800 45,800	*19500 *42,900	14350 31,700	*15600 *34,400	10700 23,600	*12800 *28,200	8300 18,300	*10650 *23,500	6650 14,600	*8900 *19,600	5450 12,000	*8650 *19,100	5300 11,700
-6.1 m -20'		*23850 *52,600	21150 46,600	*18700 *41,300	14500 32,000	*15100 *33,200	10750 23,800	*12350 *27,200	8400 18,500	*10150 *22,300	6750 14,900			*9050 *20,000	6100 13,500
-7.6 m -25'		*21800 *48,000	21800 48,000	*17250 *38,100	14950 32,900	*13900 *30,700	11100 24,400	*11250 *24,800	8650 19,100					*9450 *20,900	7500 16,500

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

# PC800LC-8 HYDRAULIC EXCAVATOR

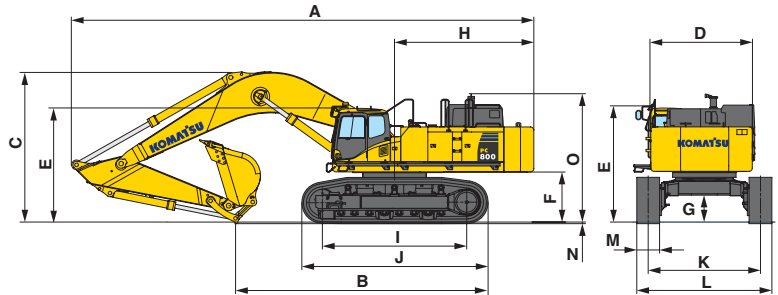
# DIMENSIONS AND WORKING RANGE



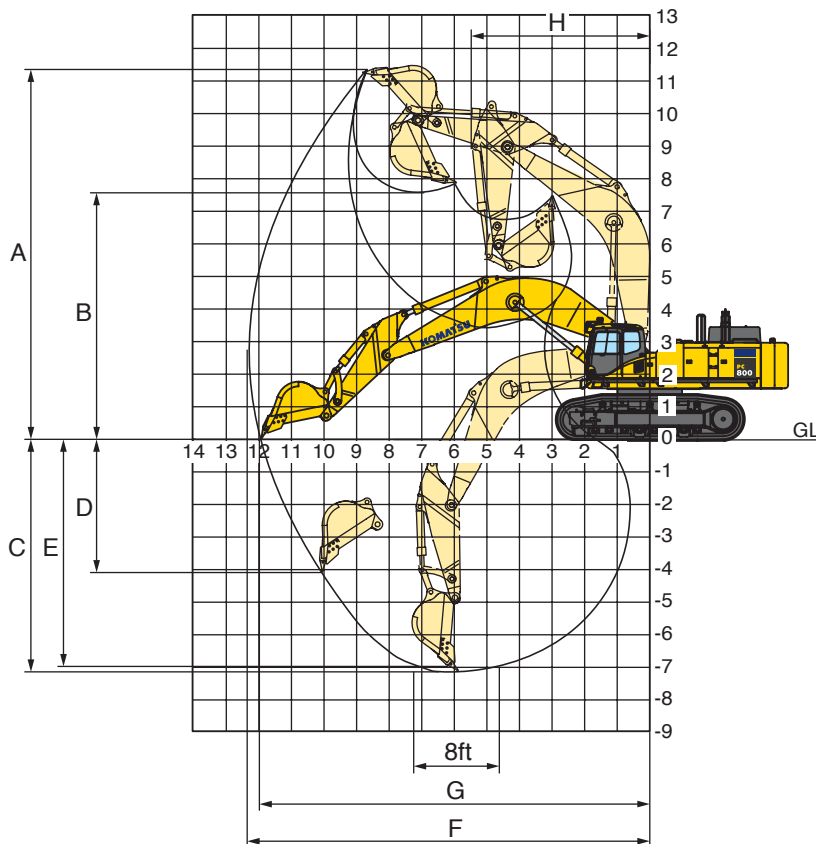
## PC800LC-8 SE DIMENSIONS

Boom Length: 7100 mm 23'4"

	<b>Arm length</b>	2945 mm	9'8"
A	Overall length	13130 mm	43'1"
B	Length on ground (transport)	7935 mm	26'0"
C	Overall height (to top of boom)	4615 mm	15'2"
D	Overall width	3195 mm	10'6"
E	Overall height (to top of cab)	3565 mm	11'8"
F	Ground clearance, counterweight	1560 mm	5'1"
G	Min. ground clearance	840 mm	2'9"
H	Tail swing radius	4400 mm	14'5"
I	Length of track on ground	5020 mm	16'6"
J	Track length	6330 mm	20'9"
K	Track gauge	3500 mm	11'6"
L	Width of crawler When retracted	4310 mm 3770 mm	14'2" 12'4"
M	Shoe width	810 mm	32"
N	Grouser height	50 mm	2"
O	Height (to top of exhaust)	4005 mm	13'2"



## PC800LC-8 SE WORKING RANGE



Boom Length: 7100 mm 23'4"

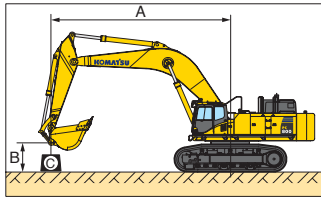
	<b>Arm</b>	2945 mm	9'8"
<b>A</b>	Max. digging height	11330 mm	37'2"
<b>B</b>	Max. dumping height	7525 mm	24'8"
<b>C</b>	Max. digging depth	7130 mm	23'5"
<b>D</b>	Max. vertical wall digging depth	4080 mm	13'5"
<b>E</b>	Max. digging depth of cut for 8' level	6980 mm	22'11"
<b>F</b>	Max. digging reach	12265 mm	40'3"
<b>G</b>	Max. digging reach at ground level	11945 mm	39'2"
<b>H</b>	Min. swing radius of implement	5645 mm	18'6"

<b>SAE rating</b>	Bucket digging force	39900 kg	87,960 lb
	Arm crowd force	33800 kg	74,520 lb
<b>ISO rating</b>	Bucket digging force	43900 kg	96,780 lb
	Arm crowd force	34800 kg	76,720 lb

# LIFTING CAPACITIES



**PC800LC-8 SE LIFTING CAPACITY**



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

- Conditions:
- Arm length: 2945 mm 9'8"
  - Boom length: 7100 mm 23'4"
  - Bucket: 4.0 m<sup>3</sup> 5.23 yd<sup>3</sup> (SAE heaped)
  - Bucket weight: 3420 kg 7,538 lb.
  - Heavy Lift mode: On

PC800LC-8 Shoe: 1010 mm 40"		Unit: kg lb											
B	A	3.0 m 10'		4.6 m 15'		6.1 m 20'		7.6 m 25'		9.1 m 30'		☉ Maximum	
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.6 m 25'												*14350 *31,600	*14350 *31,600
6.1 m 20'								*16500 *36,400	*16500 *36,400	*14950 *33,000	*14950 *33,000	*14550 *32,100	13300 29,300
4.6 m 15'				*32050 *70,700	*32050 *70,700	*22850 *50,400	*22850 *50,400	*18400 *40,600	*18400 *40,600	*15900 *35,000	14850 32,700	*14800 *32,600	11950 26,300
3.0 m 10'						*26450 *58,300	*26450 *58,300	*20400 *45,000	19400 42,800	*16950 *37,400	14250 31,400	*15150 *33,400	11250 24,800
1.5 m 5'						*28950 *63,800	26150 57,700	*22000 *48,500	18400 40,600	*17850 *39,400	13650 30,200	*15600 *34,400	11100 24,400
0.0 m 0'				*33400 *73,600	*33400 *73,600	*29850 *65,800	25300 55,800	*22750 *50,200	17800 39,200	*18200 *40,200	13300 29,300	*16150 *35,700	11450 25,300
-1.5 m -5'		*27250 *60,100	*27250 *60,100	*39300 *86,700	*39300 *86,700	*29200 *64,400	25050 55,200	*22500 *49,600	17500 38,600	*17650 *38,900	13150 29,000	*16750 *37,000	12550 27,700
-3.0 m -10'		*41600 *91,700	*41600 *91,700	*35400 *78,100	*35400 *78,100	*26850 *59,200	25250 55,700	*20650 *45,500	17650 38,900			*17250 *38,100	14800 32,700
-4.6 m -15'				*28850 *63,600	*28850 *63,600	*22000 *48,500	*22000 *48,500					*17300 *38,200	*17300 *38,200

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



**ENGINE AND RELATED ITEMS:**

- Air cleaner, double element, dry type
- Engine, Komatsu SAA6D140E-5
- Fuel pre-filter (10 micron) with water separator
- Fuel primary filter (2 micron)
- Variable speed cooling fan, hydraulic drive, reversible

**ELECTRICAL SYSTEM:**

- Alternator, 75 amp, 24 V
- Auto decelerator
- Batteries, 220 Ah, 2 x 12 V
- Horn, electric
- Interconnected horn and warning light
- Power supply, 12V
- Starting motor, 11kW
- Step light with timer
- Working lights-2 boom, 2 cab top front, 1 cab bottom

**UNDERCARRIAGE:**

- 810 mm **32"** double grouser
- 9 track/3 carrier rollers (each side)
- Hydraulic track adjusters (each side)
- Variable track gauge
- Sealed track

**GUARDS AND COVERS:**

- Dust-proof net for radiator and oil cooler
- Engine thermal guards and fan guard
- Pump/engine room partition cover
- Revolving frame undercover
- Track frame center undercover
- Travel motor guards

**OPERATOR ENVIRONMENT:**

- Automatic air conditioner/heater/defroster system
- Damper mount, all-weather, sound-suppressed cab with tinted glass windows, lockable door, intermittent window wiper and washer, floor mat, cigarette lighter and ashtray
- Multi-function color monitor, electronically-controlled throttle dial, electric service meter, gauges (coolant temperature, hydraulic oil temperature and fuel level), caution lights (electric charge, engine oil pressure, and air cleaner clogging), indicator lights (engine preheating and swing lock), level check lights (coolant, engine oil, and hydraulic oil), EMMS self-diagnostic system with trouble data memory
- Seat, fully adjustable with suspension
- Cab with pull-up type front window, lockable

- Rearview mirrors, right and left
- Radio, AM-FM
- Seat belt 78 mm **3"** wide non-cinching

**HYDRAULIC CONTROLS:**

- Fully hydraulic, with Electronic Open-Center Load-Sensing (EOLSS) and engine speed sensing (pump and engine mutual control system)
- Boom and arm holding valves (8200 mm **26'11"** boom only)
- Control levers, wrist control levers for arm, boom, bucket, and swing with PPC system
- Control levers and pedals for steering and travel with PPC system
- In-line high-pressure filters
- Heavy lift mode system
- Oil cooler
- One axial piston motor per track for travel with counter balance valve
- Shockless boom control
- Swing priority selection system
- Two-mode setting for boom
- Two axial piston motors for swing with single-stage relief valve
- Two control valves, 5+4 spools (boom, arm, bucket, swing, and travel)
- Two variable capacity piston main pumps
- Working modes (Power & Economy w/4 settings)

**DRIVE AND BRAKE SYSTEM:**

- Brakes, hydraulic lock travel brakes, oil disc parking
- Hydrostatic two travel speed system with planetary final drive

**OTHER STANDARD EQUIPMENT:**

- Automatic swing holding brake
- Catwalk
- Corrosion resistor
- Counterweight, 13600 kg **29,975 lb**
- Grease gun, electric pump w/indicator
- KOMTRAX™
- Handrails
- Lift capacity chart
- Marks and plates, English
- One-touch engine oil drainage
- Paint, Komatsu standard
- PM tune-up service connector
- Slip-resistant plates
- Travel alarm



- Air suspension seat
- Arms:
  - 3600 mm **11'10"** arm assembly
  - 4600 mm **15'1"** arm assembly
  - 5600 mm **18'4"** arm assembly
  - 2945 mm **9'8"** SE arm assembly
- Booms:
  - 10000 mm **32'10"** long boom assembly
  - 8200 mm **26'11"** boom assembly
  - 7100 mm **23'4"** SE boom assembly
- Cab front guard Level 2
- Counterweight removal device
- Full length track roller guard
- Operator Protective Guard (OPG) Level 2
- Rain visor
- Revolving frame underguard, heavy duty
- Shoes:
  - 1010 mm **40"** double grouser
  - 1110 mm **44"** double grouser
- Service valve
- Sun visor

