

# KOMATSU®

## PC300-8 PC300LC-8

### HORSEPOWER

Gross: 194 kW 260 HP @ 1950 rpm

Net: 184 kW 246 HP @ 1950 rpm

### OPERATING WEIGHT

PC300-8: 31100– 32010 kg

68,560– 70,570 lb

PC300LC-8: 31600– 32580 kg

69,670– 71,830 lb

ecot3

PC  
300



Photo may include optional equipment.

HYDRAULIC EXCAVATOR

# WALK-AROUND

## [SERVICE MANUAL DOWNLOAD HERE](#)

### **Productivity Features**

- **High Production and Low Fuel Consumption**

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

- **Large Drawbar Pull**

provides superb steering and slope climbing performance.

- **Large Digging Force**

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

- **Two-mode Setting for Boom**

Switch selection allows either powerful digging or smooth boom operation.

See page 5.

### **Large TFT LCD Monitor**

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

TFT : Thin Film Transistor  
LCD : Liquid Crystal Display

See page 8.

### **Safety Design**

- ROPS cab (ISO 12117-2)
- Slip-resistant plates for safe work on machine
- Safety enhancement with large side-view, sidewise, and rear mirrors added.
- Rear view monitoring system for easy checking behind the machine (optional)

See page 7.



### **Easy Maintenance**

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

See page 9.

### Ecology and Economy Features

- Low emission engine  
A powerful turbocharged and air to air aftercooled Komatsu SAA6D114E-3 engine provides **184 kW** 246 HP. This engine is EPA Tier 3 and EU Stage 3A emissions certified, without sacrificing power or machine productivity.
  - Economy mode saves fuel consumption.
  - Low operation noise
- See pages 4 and 5.

### Large Comfortable Cab

- Low-noise cab
  - Low vibration with cab damper mounting
  - Highly pressurized cab with optional air conditioner
  - Operator seat and console with armrest that enables operations in the appropriate operational posture.
- See page 6.

#### HORSEPOWER

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PC300LC-8: 31600 – 32580 kg

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#### BUCKET CAPACITY

0.52 – 1.80 m<sup>3</sup>

0.68 – 2.35 yd<sup>3</sup>



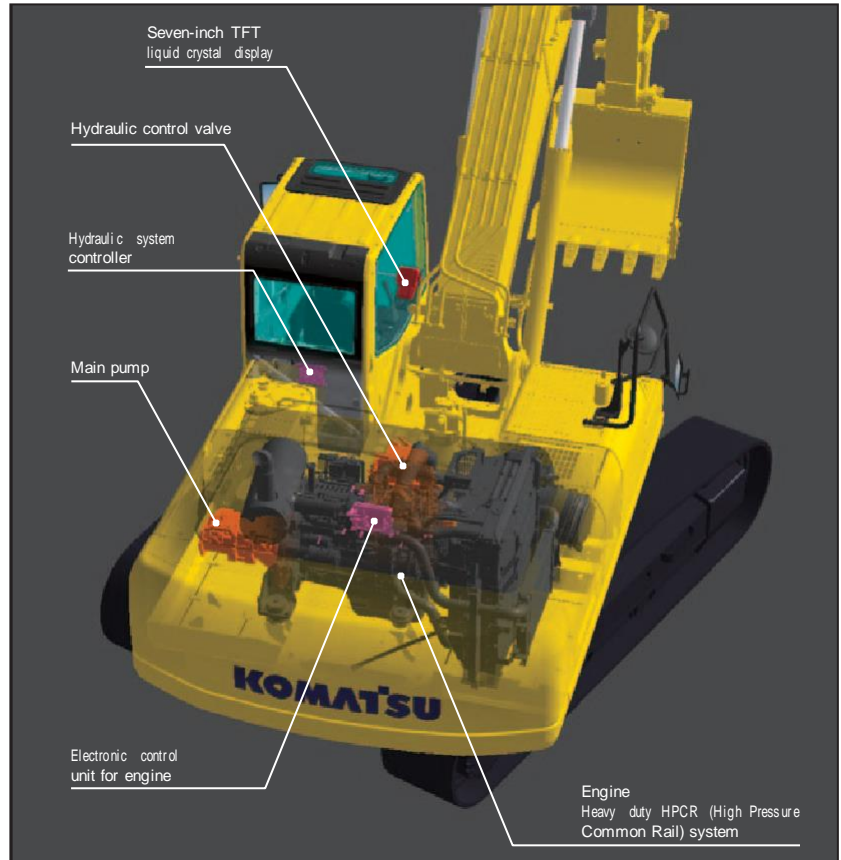
Photo may include optional equipment.

# PRODUCTIVITY & ECOLOGY FEATURES

## Komatsu Technology



Komatsu develops and produces all major components, such as engines, electronics and hydraulic components, in house. With this "Komatsu Technology," and adding customer feedback, Komatsu is achieving great advancements in technology. To achieve both high levels of productivity and economical performance, Komatsu has developed the main components with a total control system. The result is a new generation of high performance and environment friendly excavators.



## Environment-friendly Clean Engine

The PC300-8 gets its exceptional power and work capacity from a Komatsu SAA6D114E-3 engine. Output is **184 kW** 246 HP, providing increased hydraulic power and improved fuel efficiency.

Komatsu SAA6D114E-3 engine is EPA Tier 3 and EU Stage 3A emissions certified and reduced NOx emission by 40%. The SAA6D114E-3 engine adopts the electronically controlled Heavy Duty HPCR\* fuel injection system.

\*HPCR : High Pressure Common Rail

## Hydraulics

Unique two-pump system ensures smooth compound movement of the work equipment. HydraMind controls both pumps for efficient engine power use. This system also reduces hydraulic loss during operation.

## Low Operation Noise

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



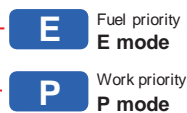
**Working Modes Selectable**

Two established work modes are further improved.

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



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



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

**Eco-gauge that Assists Energy-saving Operations**

Equipped with the Eco-gauge that can be recognized at a glance on the right of the multi-function color monitor for environment-friendly energy-saving operations. Allows focus on operation in the green range with reduced CO<sub>2</sub> emissions and efficient fuel consumption.



Eco-gauge

**Idling Caution**

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



**Larger Maximum Drawbar Pull**

Larger maximum drawbar pull provides superb steering and slope climbing performance.

**Maximum drawbar pull:**  
264 kN 26900 kgf  
59,300 lb



**Large Digging Force**

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

**Maximum arm crowd force (ISO):**  
160 kN (16.3t) ➔ **171 kN (17.4t)** **7% UP**  
(with Power Max.)

**Maximum bucket digging force (ISO):**  
212 kN (21.6t) ➔ **227 kN (23.1t)** **7% UP**  
(with Power Max.)

\*Measured with Power Max function, 3185 mm 10'5" arm and ISO rating

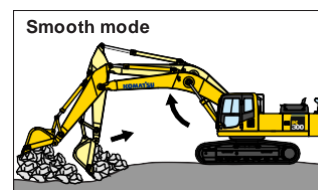
**Smooth Loading Operation**

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

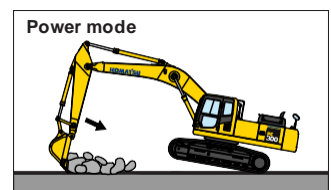


**Two-mode Setting for Boom**

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



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



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

# WORKING ENVIRONMENT

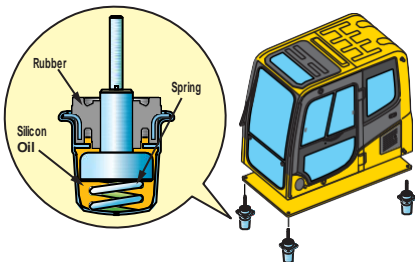


## Low Cab Noise

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

## Low Vibration with Cab Damper Mounting

PC300-8 uses viscous damper mounting for cab that incorporates longer stroke and the addition of a spring. The new cab damper mounting combined with high rigidity deck aids vibration reduction at operator seat.



## Wide Newly-designed Cab

Newly-designed wide spacious cab includes seat with reclining backrest. The seat height and longitudinal inclination are easily adjusted using a pull-up lever. You can set the appropriate operational posture of armrest together with the console. Reclining the seat further enables you to place it into the fully flat state with the headrest attached.



## Pressurized Cab

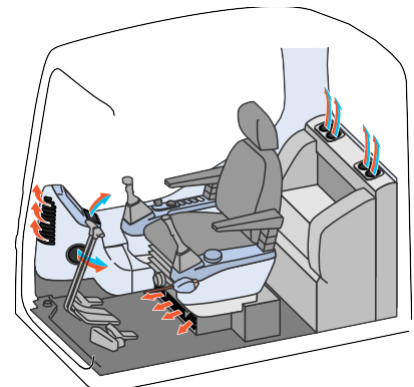
Optional air conditioner, air filter and a higher internal air pressure (+6.0 mm Aq +0.2" Aq) prevent external dust from entering the cab.

## Automatic Air Conditioner (optional)

Enables you to easily and precisely set cab atmosphere with the instruments on the large LCD.



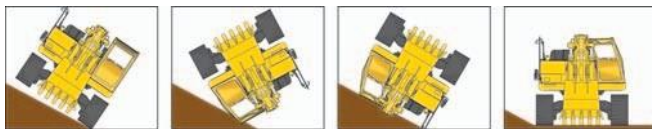
The bi-level control function keeps the operator's head and feet cool and warm respectively. This improved air flow function keeps the inside of the cab comfortable throughout the year. Defroster function keeps front glass clear.



## Safety Features

### ROPS Cab

The machine is equipped with a ROPS cab that conforms to ISO 12117-2 for excavators as standard equipment. The ROPS cab has high shock-absorption performance, featuring excellent durability and impact strength. It also satisfies the requirements of ISO OPG top guard level 1 for falling objects. Combined with the retractable seat belt, the ROPS cab protects the operator in case of tipping over and against falling objects.



### Slip-resistant Plates

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



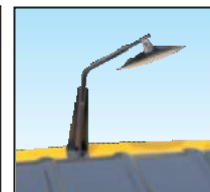
### Lock Lever

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



### Large Side-view, Rear, and Sidewise Mirrors

Enlarged left-side mirror and addition of rear and side mirror allow the PC300-8 to meet the new ISO visibility requirements.



### Pump/engine Room Partition

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

### Thermal and Fan Guards

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



## Large LCD Color Monitor

### Large Multi-lingual LCD Monitor

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



#### Indicators

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

#### Basic operation switches

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

### Mode Selection

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

Working Mode	Application	Advantage
P	Power mode	<ul style="list-style-type: none"> <li>Maximum production/power</li> <li>Fast cycle time</li> </ul>
E	Economy mode	<ul style="list-style-type: none"> <li>Excellent fuel economy</li> </ul>
L	Lifting mode	<ul style="list-style-type: none"> <li>Hydraulic pressure is increased by 7%</li> </ul>
B	Breaker operation	<ul style="list-style-type: none"> <li>Optimum engine rpm, hydraulic flow</li> </ul>
ATT	Attachment mode	<ul style="list-style-type: none"> <li>Optimum engine rpm, hydraulic flow, 2 way</li> </ul>

### Lifting Mode

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

### EMMS

#### (Equipment Management Monitoring System)

#### Monitor Function

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



#### Maintenance Function

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



#### Trouble Data Memory Function

Monitor stores abnormalities for effective troubleshooting.



# MAINTENANCE FEATURES

## Easy Maintenance

### Easy Radiator Cleaning

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



### Equipped with the Eco-drain Valve as Standard

Prevents clothes and the ground from becoming contaminated due to oil leakage when replacing the engine oil.

### High-capacity Air Cleaner

High capacity air cleaner is comparable to that of larger machines. The larger 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.



### Large Fuel Tank Capacity

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

### Easy Access to Engine Oil Filter and Fuel Drain Valve

Engine oil level gauge, and fuel filter are one side mounted to improve accessibility. Engine oil filter and fuel drain valve are remotely mounted to improve accessibility.



Engine Oil Filter



Fuel Drain Valve

### Long Work Equipment Greasing Interval (optional)

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

### Equipped with the Fuel Pre-filter (with Water Separator)

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



### Long-life Oil, Filter

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



Hydraulic oil filter (Eco-white element)

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



Photo may include optional equipment.

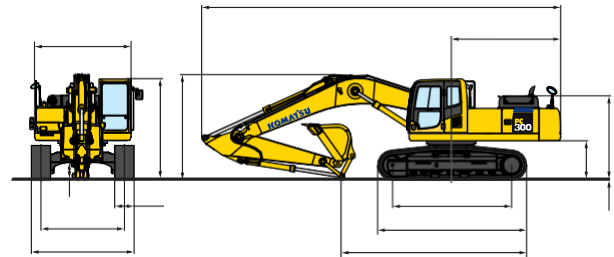




## DIMENSIONS

	Arm Length	2220 mm 7'3"	2550 mm 8'4"	3185 mm 10'5"	4020 mm 13'2"
A	Overall length	11300 mm 37'1"	11180 mm 36'8"	11140 mm 36'7"	11170 mm 36'8"
B	Length on ground (transport): PC300-8 PC300LC-8	7320 mm 24'0" 7495 mm 24'7"	6685 mm 21'11" 6860 mm 22'6"	5755 mm 18'11" 5930 mm 19'5"	5300 mm 17'5" 5475 mm 18'0"
C	Overall height (to top of boom)*	3480 mm 11'5"	3450 mm 11'4"	3285 mm 10'9"	3760 mm 12'4"

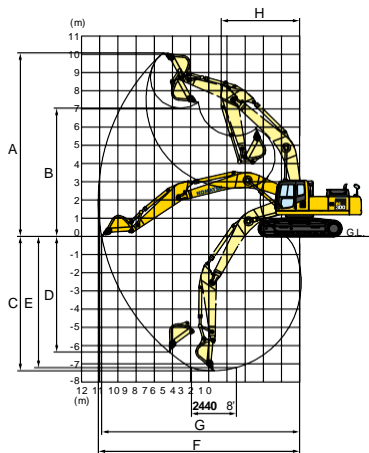
	PC300-8	PC300LC-8	
D	Overall width	3190 mm 10'6"	3290 mm 10'10"
E	Overall height (to top of cab)*	3145 mm 10'4"	3145 mm 10'4"
F	Ground clearance, counterweight	1185 mm 3'11"	1185 mm 3'11"
G	Ground clearance (minimum)	500 mm 1'8"	500 mm 1'8"
H	Tail swing radius	3450 mm 11'4"	3450 mm 11'4"
I	Track length on ground	3700 mm 12'2"	4030 mm 13'3"
J	Track length	4625 mm 15'2"	4955 mm 16'3"
K	Track gauge	2590 mm 8'6"	2590 mm 8'6"
L	Width of crawler	3190 mm 10'6"	3290 mm 10'10"
M	Shoe width	600 mm 24"	700 mm 28"
N	Grouser height	36 mm 1.4"	36 mm 1.4"
O	Machine cab height	2585 mm 8'6"	2585 mm 8'6"
P	Machine cab width**	3090 mm 10'2"	3090 mm 10'2"
Q	Distance, swing center to rear end	3405 mm 11'2"	3405 mm 11'2"



\* : Including grouser height  
\*\* : Including handrail



## WORKING RANGE



	Arm	2220 mm 7'3"	2550 mm 8'4"	3185 mm 10'5"	4020 mm 13'2"
A	Max. digging height	9460 mm 31'0"	9965 mm 32'8"	10100 mm 33'2"	10550 mm 34'7"
B	Max. dumping height	6520 mm 21'5"	6895 mm 22'7"	7050 mm 23'2"	7490 mm 24'7"
C	Max. digging depth	6400 mm 21'0"	6750 mm 22'2"	7380 mm 24'3"	8200 mm 26'11"
D	Max. vertical wall digging depth	4890 mm 16'1"	5880 mm 19'4"	6400 mm 21'0"	7280 mm 23'11"
E	Max. digging depth of cut for 8' level	6130 mm 20'1"	6520 mm 21'5"	7180 mm 23'7"	8045 mm 26'5"
F	Max. digging reach	10120 mm 33'2"	10550 mm 34'7"	11100 mm 36'5"	11900 mm 39'1"
G	Max. digging reach at ground level	9910 mm 32'6"	10355 mm 34'0"	10920 mm 35'10"	11730 mm 38'6"
H	Min. swing radius	4470 mm 14'8"	4450 mm 14'7"	4310 mm 14'2"	4370 mm 14'4"
SAE rating	Bucket digging force at power max.	228 kN 23300 kgf/51,370 lb	228 kN 23300 kgf/51,370 lb	200 kN 20400 kgf/44,970 lb	200 kN 20400 kgf/44,970 lb
	Arm crowd force at power max.	225 kN 22900 kgf/50,490 lb	193 kN 19700 kgf/43,430 lb	165 kN 16800 kgf/37,040 lb	139 kN 14200 kgf/31,310 lb
ISO rating	Bucket digging force at power max.	259 kN 26400 kgf/58,200 lb	259 kN 26400 kgf/58,200 lb	227 kN 23100 kgf/50,930 lb	227 kN 23100 kgf/50,930 lb
	Arm crowd force at power max.	235 kN 24000 kgf/52,910 lb	201 kN 20500 kgf/45,190 lb	171 kN 17400 kgf/38,360 lb	144 kN 14700 kgf/32,410 lb



## BACKHOE BUCKET, ARM, AND BOOM COMBINATION

Bucket Capacity (heaped)		Width		Weight		Number of Teeth	Arm Length			
SAE, PCSA	CECE	Without Side Cutters	With Side Cutters	With Side Cutters			2.22 m 7'3"	2.55 m 8'4"	3.19 m 10'5"	4.02 m 13'2"
0.52 m <sup>3</sup> 0.68 yd <sup>3</sup>	0.48 m <sup>3</sup> 0.63 yd <sup>3</sup>	610 mm 24.0"	740 mm 29.1"	664 kg 1,460 lb		3	§	§	§	§
1.14 m <sup>3</sup> 1.49 yd <sup>3</sup>	1.00 m <sup>3</sup> 1.31 yd <sup>3</sup>	1145 mm 45.1"	1275 mm 50.2"	900 kg 1,980 lb		4	§	§	§	§
1.40 m <sup>3</sup> 1.83 yd <sup>3</sup>	1.20 m <sup>3</sup> 1.57 yd <sup>3</sup>	1340 mm 52.8"	1445 mm 56.9"	1015 kg 2,240 lb		5	§	§	§	◆
1.60 m <sup>3</sup> 2.09 yd <sup>3</sup>	1.40 m <sup>3</sup> 1.83 yd <sup>3</sup>	1515 mm 59.6"	1645 mm 64.8"	1102 kg 2,430 lb		6	□	□	□	X
1.80 m <sup>3</sup> 2.35 yd <sup>3</sup>	1.60 m <sup>3</sup> 2.09 yd <sup>3</sup>	1700 mm 66.9"	—	*1115 kg 2,460 lb		6	◆	◆	◆	X
**1.40 m <sup>3</sup> 1.83 yd <sup>3</sup>	1.20 m <sup>3</sup> 1.57 yd <sup>3</sup>	1458 mm 57.4"	—	1508 kg 3,320 lb		5	§	§	§	X

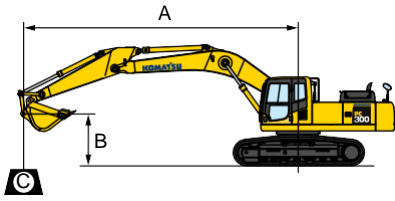
§ : General purpose use, density up to 1.8 ton/m<sup>3</sup> 1.52 U.S. ton/yd<sup>3</sup> X: Not usable

□ : General purpose use, density up to 1.5 ton/m<sup>3</sup> 1.26 U.S. ton/yd<sup>3</sup> \* : Without side cutters

◆ : Light duty work, density up to 1.2 ton/m<sup>3</sup> 1.01 U.S. ton/yd<sup>3</sup> \*\* : Rock bucket (with side shroud)



# LIFTING CAPACITY WITH LIFTING MODE



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

PC300-8		Arm: 2200 mm 7'3"		Bucket: 1.40 m³ 1.83 yd³ SAE heaped		Shoe: 600 mm 24" triple grouser									
B	A	⊙ 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	Cf	Cs
7.5 m 24'		*8650 kg 19,100 lb	6750 kg 14,900 lb												
6.0 m 19'		7350 kg 16,200 lb	5000 kg 11,100 lb			7450 kg 16,400 lb	5100 kg 11,200 lb	*9100 kg 20,100 lb	7700 kg 17,000 lb						
4.5 m 14'		6200 kg 13,700 lb	4150 kg 9,200 lb			7250 kg 16,000 lb	4900 kg 10,800 lb	*10250 kg 22,800 lb	7200 kg 15,900 lb	*13800 kg 30,400 lb	11600 kg 25,600 lb				
3.0 m 9'		5650 kg 12,400 lb	3750 kg 8,200 lb			6950 kg 15,300 lb	4650 kg 10,200 lb	10050 kg 22,200 lb	6700 kg 14,800 lb						
1.5 m 4'		5450 kg 12,000 lb	3500 kg 7,800 lb			6700 kg 14,800 lb	4400 kg 9,700 lb	9600 kg 21,100 lb	6250 kg 13,800 lb						
0 m 0'		5600 kg 12,300 lb	3650 kg 8,000 lb			6550 kg 14,500 lb	4250 kg 9,400 lb	9300 kg 20,500 lb	6000 kg 13,300 lb						
-1.5 m -4'		6150 kg 13,600 lb	4000 kg 8,800 lb			6500 kg 14,400 lb	4250 kg 9,300 lb	9250 kg 20,400 lb	5950 kg 13,100 lb	15150 kg 33,400 lb	9550 kg 21,100 lb				
-3.0 m -9'		7550 kg 16,600 lb	4900 kg 10,800 lb					9400 kg 20,700 lb	6100 kg 13,400 lb	*13400 kg 29,600 lb	9750 kg 21,500 lb	*14850 kg 32,700 lb	*14850 kg 32,700 lb		
-4.5 m -14'		*7750 kg 17,100 lb	7350 kg 16,300 lb					*6550 kg 14,400 lb	6450 kg 14,200 lb	*9850 kg 21,800 lb	*9850 kg 21,800 lb				

PC300-8		Arm: 2550 mm 8'4"		Bucket: 1.40 m³ 1.83 yd³ SAE heaped		Shoe: 600 mm 24" triple grouser									
B	A	⊙ 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	Cf	Cs
7.5 m 24'		*7600 kg 16,700 lb	5750 kg 12,600 lb												
6.0 m 19'		6500 kg 14,300 lb	4450 kg 9,800 lb			7550 kg 16,700 lb	5200 kg 11,500 lb								
4.5 m 14'		5600 kg 12,400 lb	3750 kg 8,300 lb			7350 kg 16,200 lb	5000 kg 11,000 lb	*9900 kg 21,900 lb	7350 kg 16,200 lb	*13000 kg 28,600 lb	11900 kg 26,200 lb				
3.0 m 9'		5150 kg 11,400 lb	3400 kg 7,500 lb	5150 kg 11,400 lb	3400 kg 7,500 lb	7050 kg 15,500 lb	4700 kg 10,400 lb	10200 kg 22,500 lb	6850 kg 15,100 lb	*15500 kg 34,100 lb	10650 kg 23,500 lb				
1.5 m 4'		5000 kg 11,000 lb	3250 kg 7,200 lb	5000 kg 11,000 lb	3250 kg 7,200 lb	6750 kg 14,900 lb	4450 kg 9,900 lb	9700 kg 21,400 lb	6350 kg 14,100 lb						
0 m 0'		5100 kg 11,300 lb	3300 kg 7,300 lb	4950 kg 10,900 lb	3200 kg 7,000 lb	6600 kg 14,500 lb	4300 kg 9,500 lb	9400 kg 20,700 lb	6100 kg 13,400 lb	*14650 kg 32,300 lb	9500 kg 20,900 lb				
-1.5 m -4'		5550 kg 12,300 lb	3600 kg 8,000 lb			6500 kg 14,400 lb	4250 kg 9,300 lb	9250 kg 20,400 lb	6000 kg 13,200 lb	*15200 kg 33,600 lb	9550 kg 21,100 lb				
-3.0 m -9'		6600 kg 14,600 lb	4300 kg 9,500 lb			6600 kg 14,500 lb	4300 kg 9,500 lb	9350 kg 20,600 lb	6050 kg 13,400 lb	*14250 kg 31,500 lb	9750 kg 21,500 lb	*17150 kg 37,800 lb	*17150 kg 37,800 lb		
-4.5 m -14'		*7400 kg 16,400 lb	6000 kg 13,200 lb					*8300 kg 18,300 lb	6350 kg 14,000 lb	*10500 kg 24,300 lb	9550 kg 22,000 lb	*13100 kg 28,900 lb	*13100 kg 28,900 lb		

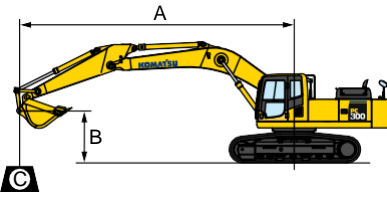
PC300-8		Arm: 3185 mm 10'5"		Bucket: 1.40 m³ 1.83 yd³ SAE heaped		Shoe: 600 mm 24" triple grouser									
B	A	⊙ MAX		9.0m 29'		7.5 m 24'		6.0 m 19'		4.5 m 14'		3.0 m 9'			
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.5 m 24'		*5300 kg 11,700 lb	4950 kg 10,900 lb			*6850 kg 15,200 lb	5400 kg 11,900 lb								
6.0 m 19'		*5250 kg 11,600 lb	3950 kg 8,700 lb			*7250 kg 16,000 lb	5350 kg 11,800 lb								
4.5 m 14'		5050 kg 11,200 lb	3350 kg 7,400 lb	5350 kg 11,800 lb	3600 kg 7,900 lb	7500 kg 16,500 lb	5150 kg 11,300 lb	*9200 kg 20,300 lb	7600 kg 16,700 lb						
3.0 m 9'		4700 kg 10,300 lb	3050 kg 6,800 lb	5250 kg 11,500 lb	3450 kg 7,600 lb	7150 kg 15,800 lb	4850 kg 10,700 lb	10450 kg 23,000 lb	7050 kg 15,600 lb	*15000 kg 33,100 lb	11200 kg 24,700 lb				
1.5 m 4'		4550 kg 10,000 lb	2950 kg 6,500 lb	5050 kg 11,200 lb	3300 kg 7,300 lb	6900 kg 15,200 lb	4550 kg 10,100 lb	9900 kg 21,800 lb	6550 kg 14,500 lb	16000 kg 35,300 lb	10200 kg 22,500 lb				
0 m 0'		4600 kg 10,200 lb	3000 kg 6,600 lb	4950 kg 10,900 lb	3200 kg 7,100 lb	6650 kg 14,700 lb	4350 kg 9,600 lb	9500 kg 21,000 lb	6200 kg 13,700 lb	15400 kg 34,000 lb	9700 kg 21,400 lb				
-1.5 m -4'		4950 kg 11,000 lb	3200 kg 7,100 lb	4900 kg 10,800 lb	3150 kg 7,000 lb	6550 kg 14,400 lb	4250 kg 9,400 lb	9350 kg 20,600 lb	6050 kg 13,300 lb	15250 kg 33,700 lb	9550 kg 21,100 lb	*9600 kg 21,100 lb	*9600 kg 21,100 lb		
-3.0 m -9'		5750 kg 12,700 lb	3750 kg 8,200 lb			6550 kg 14,400 lb	4250 kg 9,400 lb	9350 kg 20,600 lb	6050 kg 13,300 lb	15300 kg 33,800 lb	9700 kg 21,400 lb	*18050 kg 39,700 lb	*18050 kg 39,700 lb		
-4.5 m -14'		7450 kg 16,400 lb	4900 kg 10,800 lb					9450 kg 20,900 lb	6200 kg 13,700 lb	*12850 kg 28,400 lb	9550 kg 21,100 lb	*16600 kg 36,600 lb	*16600 kg 36,600 lb		
-6.0 m -19'		*6300 kg 13,900 lb	*6300 kg 13,900 lb							*8150 kg 18,000 lb	*8150 kg 18,000 lb				

PC300-8		Arm: 4020 mm 13'2"		Bucket: 1.14 m³ 1.49 yd³ SAE heaped		Shoe: 600 mm 24" triple grouser									
B	A	MAX		9.0m 29'		7.5 m 24'		6.0 m 19'		4.5 m 14'		3.0 m 9'		1.5 m 4.5'	
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.5 m 24'		*4150 kg 9,200 lb	4050 kg 8,900 lb												
6.0 m 19'		*4050 kg 9,000 lb	3300 kg 7,300 lb	5700 kg 12,500 lb	3900 kg 8,600 lb										
4.5 m 14'		*4150 kg 9,100 lb	2900 kg 6,400 lb	5550 kg 12,300 lb	3750 kg 8,300 lb	*7100 kg 15,700 lb	5350 kg 11,800 lb								
3.0 m 9'		4100 kg 9,000 lb	2650 kg 5,800 lb	5350 kg 11,800 lb	3600 kg 7,900 lb	7350 kg 16,300 lb	5000 kg 11,100 lb	*9650 kg 21,300 lb	7300 kg 16,200 lb	*12950 kg 28,600 lb	11800 kg 26,000 lb				
1.5 m 4'		3950 kg 8,700 lb	2550 kg 5,600 lb	5150 kg 11,400 lb	3400 kg 7,500 lb	7000 kg 15,400 lb	4650 kg 10,300 lb	10100 kg 22,300 lb	6750 kg 14,800 lb	*15950 kg 35,200 lb	10550 kg 23,300 lb				
0 m 0'		4000 kg 8,800 lb	2550 kg 5,600 lb	5000 kg 11,000 lb	3250 kg 7,100 lb	6700 kg 14,800 lb	4400 kg 9,700 lb	9600 kg 21,100 lb	6250 kg 13,800 lb	15450 kg 34,100 lb	9700 kg 21,400 lb				
-1.5 m -4'		4250 kg 9,400 lb	2700 kg 5,900 lb	4850 kg 10,700 lb	3100 kg 6,900 lb	6500 kg 14,300 lb	4200 kg 9,300 lb	9250 kg 20,400 lb	5950 kg 13,200 lb	15050 kg 33,100 lb	9350 kg 20,600 lb	*9750 kg 21,500 lb	*9750 kg 21,500 lb	*6900 kg 15,200 lb	*6900 kg 15,200 lb
-3.0 m -9'		4750 kg 10,500 lb	3050 kg 6,700 lb	4850 kg 10,700 lb	3100 kg 6,900 lb	6450 kg 14,200 lb	4150 kg 9,100 lb	9150 kg 20,200 lb	5900 kg 13,000 lb	15000 kg 33,100 lb	9350 kg 20,600 lb	*15450 kg 34,100 lb	*15450 kg 34,100 lb	*9900 kg 21,800 lb	*9900 kg 21,800 lb
-4.5 m -14'		5800 kg 12,800 lb	3750 kg 8,300 lb			6500 kg 14,400 lb	4200 kg 9,300 lb	9250 kg 20,400 lb	6000 kg 13,200 lb	*14500 kg 31,900 lb	9550 kg 21,100 lb	*20000 kg 44,100 lb	*19800 kg 43,600 lb	*14850 kg 32,800 lb	*14850 kg 32,800 lb
-6.0 m -19'		*6550 kg 14,400 lb	5400 kg 11,900 lb					*8150 kg 18,000 lb	6250 kg 13,800 lb	*11050 kg 24,400 lb	9850 kg 21,700 lb	*14600 kg 32,200 lb	*14600 kg 32,200 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.



# LIFTING CAPACITY WITH LIFTING MODE



- A: Reach from swingcenter
- B: Bucket hook height
- C: Lifting capacity
- Cf: Rating overfront
- Cs: Rating over side
- ⊙: Rating at maximum reach

PC300LC-8		Am: 2200 mm 7'3"		Bucket: 1.40 m <sup>3</sup> 1.83 yd <sup>3</sup> SAE heaped		Shoe: 700 mm 28" tiple grouser							
B	A	⊙ 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'		*8650 kg *19,100 lb	7050 kg 15,600 lb										
6.0m 19'		*8300 kg *18,300 lb	5300 kg 11,600 lb			*8200 kg *18,100 lb	5350 kg 11,800 lb	*9100 kg *20,100 lb	8050 kg 17,700 lb				
4.5 m 14'		7350 kg 16,200 lb	4400 kg 9,700 lb			8550 kg 18,900 lb	5150 kg 11,400 lb	*10250 kg *22,600 lb	7550 kg 16,700 lb	*13800 kg *30,400 lb	12100 kg 26,700 lb		
3.0 m 9'		6700 kg 14,800 lb	3950 kg 8,700 lb			8250 kg 18,200 lb	4900 kg 10,800 lb	*11550 kg *25,500 lb	7050 kg 15,500 lb				
1.5 m 4'		6500 kg 14,300 lb	3800 kg 8,300 lb			8000 kg 17,600 lb	4700 kg 10,300 lb	11450 kg 25,200 lb	6350 kg 14,000 lb				
0m 0'		6700 kg 14,700 lb	3850 kg 8,500 lb			7850 kg 17,300 lb	4500 kg 10,000 lb	11150 kg 24,600 lb	6350 kg 14,000 lb				
-1.5 m -4'		7350 kg 16,200 lb	4250 kg 9,400 lb			7800 kg 17,200 lb	4500 kg 9,900 lb	11100 kg 24,400 lb	6300 kg 13,900 lb	*15500 kg *34,200 lb	10100 kg 22,200 lb		
-3.0 m -9'		*8600 kg *19,000 lb	5200 kg 11,500 lb					*10550 kg *23,300 lb	6450 kg 14,200 lb	*13400 kg *29,600 lb	10300 kg 22,700 lb	*14850 kg *32,700 lb	*14850 kg *32,700 lb
-4.5 m -14'		*7750 kg *17,100 lb	*7750 kg *17,100 lb					*6550 kg *14,400 lb	*6550 kg *14,400 lb	*9850 kg *21,800 lb	*9850 kg *21,800 lb		

PC300LC-8		Am: 2550 mm 8'4"		Bucket: 1.40 m <sup>3</sup> 1.83 yd <sup>3</sup> SAE heaped		Shoe: 700 mm 28" tiple grouser							
B	A	⊙ 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'		*7600 kg *16,700 lb	6000 kg 13,200 lb										
6.0m 19'		*7450 kg *16,400 lb	4650 kg 10,300 lb			*7850 kg *17,400 lb	5450 kg 12,000 lb						
4.5 m 14'		6650 kg 14,600 lb	3950 kg 8,700 lb			*8300 kg *18,400 lb	5250 kg 11,600 lb	*9900 kg *21,900 lb	7700 kg 16,900 lb	*13000 kg *28,600 lb	12400 kg 27,400 lb		
3.0 m 9'		6100 kg 13,500 lb	3600 kg 7,900 lb	6100 kg 13,500 lb	3600 kg 7,900 lb	8350 kg 18,400 lb	5000 kg 11,000 lb	*11300 kg *24,900 lb	7150 kg 15,800 lb	*15550 kg *34,100 lb	11200 kg 24,700 lb		
1.5 m 4'		5950 kg 13,100 lb	3450 kg 7,600 lb	6000 kg 13,200 lb	3500 kg 7,700 lb	8050 kg 17,800 lb	4750 kg 10,400 lb	11550 kg 25,500 lb	6700 kg 14,800 lb				
0m 0'		6100 kg 13,500 lb	3500 kg 7,800 lb	5900 kg 13,000 lb	3400 kg 7,500 lb	7850 kg 17,300 lb	4500 kg 10,100 lb	11250 kg 24,800 lb	6450 kg 14,200 lb	*14650 kg *32,300 lb	10000 kg 22,100 lb		
-1.5 m -4'		6650 kg 14,700 lb	3850 kg 8,500 lb			7800 kg 17,200 lb	4500 kg 9,900 lb	11100 kg 24,500 lb	6350 kg 14,000 lb	*16200 kg *35,700 lb	10050 kg 22,200 lb		
-3.0 m -9'		7900 kg 17,400 lb	4550 kg 10,100 lb			7850 kg 17,400 lb	4550 kg 10,100 lb	*11050 kg *24,300 lb	6400 kg 14,100 lb	*14250 kg *31,500 lb	10250 kg 22,600 lb	*17150 kg *37,800 lb	*17150 kg *37,800 lb
-4.5 m -14'		*7400 kg *16,400 lb	6300 kg 13,900 lb					*8300 kg *18,300 lb	6700 kg 14,700 lb	*11050 kg *24,300 lb	10450 kg 23,100 lb	*13100 kg *28,900 lb	*13100 kg *28,900 lb

PC300LC-8		Am: 3185 mm 10'5"		Bucket: 1.40 m <sup>3</sup> 1.83 yd <sup>3</sup> SAE heaped		Shoe: 700 mm 28" tiple grouser							
B	A	⊙ 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'		*5300 kg *11,700 lb	5200 kg 11,400 lb										
6.0m 19'		*5250 kg *11,600 lb	4150 kg 9,100 lb			*7250 kg *16,000 lb	5600 kg 12,400 lb						
4.5 m 14'		*5400 kg *11,900 lb	3550 kg 7,900 lb	6350 kg 14,000 lb	3800 kg 8,400 lb	*7800 kg *17,300 lb	5400 kg 11,900 lb	*9200 kg *20,300 lb	7950 kg 17,500 lb				
3.0 m 9'		5600 kg 12,300 lb	3250 kg 7,200 lb	6200 kg 13,700 lb	3700 kg 8,100 lb	8450 kg 18,700 lb	5100 kg 11,300 lb	*10650 kg *23,500 lb	7400 kg 16,300 lb	*15000 kg *33,100 lb	11750 kg 25,900 lb		
1.5 m 4'		5450 kg 12,000 lb	3150 kg 6,900 lb	6050 kg 13,300 lb	3550 kg 7,800 lb	8150 kg 18,000 lb	4850 kg 10,600 lb	11800 kg 26,000 lb	6900 kg 15,200 lb	*16700 kg *36,900 lb	10700 kg 23,600 lb		
0m 0'		5550 kg 12,200 lb	3200 kg 7,000 lb	5900 kg 13,100 lb	3400 kg 7,500 lb	7950 kg 17,500 lb	4600 kg 10,200 lb	11400 kg 25,100 lb	6550 kg 14,500 lb	*17550 kg *38,600 lb	10200 kg 22,500 lb		
-1.5 m -4'		5950 kg 13,100 lb	3400 kg 7,500 lb	5850 kg 12,900 lb	3350 kg 7,400 lb	7800 kg 17,200 lb	4500 kg 9,900 lb	11200 kg 24,700 lb	6400 kg 14,100 lb	*17000 kg *37,500 lb	10100 kg 22,200 lb	*9600 kg *21,100 lb	*9600 kg *21,100 lb
-3.0 m -9'		6850 kg 15,100 lb	3950 kg 8,700 lb			7800 kg 17,200 lb	4500 kg 10,000 lb	11200 kg 24,700 lb	6400 kg 14,100 lb	*15550 kg *34,200 lb	10200 kg 22,500 lb	*18050 kg *39,700 lb	*18050 kg *39,700 lb
-4.5 m -14'		*7550 kg *16,600 lb	5150 kg 11,400 lb					*9750 kg *21,500 lb	6550 kg 14,500 lb	*12850 kg *28,400 lb	10500 kg 23,100 lb	*16600 kg *36,600 lb	*16600 kg *36,600 lb
-6.0 m -19'		*6300 kg *13,900 lb	*6300 kg *13,900 lb							*8150 kg *18,000 lb	*8150 kg *18,000 lb		

PC300LC-8		Am: 4020 mm 13'2"		Bucket: 1.14 m <sup>3</sup> 1.49 yd <sup>3</sup> SAE heaped		Shoe: 700 mm 28" tiple grouser							
B	A	⊙ 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'		*4150 kg *9,200 lb	*4150 kg *9,200 lb										
6.0m 19'		*4050 kg *9,000 lb	3500 kg 7,800 lb	*6250 kg *13,800 lb	4100 kg 9,000 lb								
4.5 m 14'		*4150 kg *9,100 lb	3100 kg 6,800 lb	*6500 kg *14,400 lb	4000 kg 8,800 lb	*7100 kg *15,700 lb	5600 kg 12,400 lb						
3.0 m 9'		*4300 kg *9,500 lb	2800 kg 6,200 lb	6350 kg 14,000 lb	3800 kg 8,400 lb	*8000 kg *17,700 lb	5300 kg 11,600 lb	*9650 kg *21,300 lb	7650 kg 16,900 lb	*12950 kg *28,600 lb	12300 kg 27,200 lb		
1.5 m 4'		*4650 kg *10,200 lb	2700 kg 6,000 lb	6150 kg 13,500 lb	3600 kg 7,900 lb	8300 kg 18,300 lb	4950 kg 10,900 lb	*11200 kg *24,700 lb	7100 kg 15,600 lb	*15950 kg *35,200 lb	11050 kg 24,400 lb		
0m 0'		4800 kg 10,600 lb	2700 kg 6,000 lb	5950 kg 13,100 lb	3450 kg 7,600 lb	8000 kg 17,600 lb	4650 kg 10,300 lb	11450 kg 25,200 lb	6600 kg 14,600 lb	*17250 kg *38,000 lb	10250 kg 22,600 lb		
-1.5 m -4'		5100 kg 11,200 lb	2900 kg 6,400 lb	5850 kg 12,900 lb	3350 kg 7,300 lb	7750 kg 17,100 lb	4450 kg 9,900 lb	11100 kg 24,500 lb	6300 kg 13,900 lb	*17250 kg *38,000 lb	9850 kg 21,800 lb	*9750 kg *21,500 lb	*9750 kg *21,500 lb
-3.0 m -9'		5700 kg 12,600 lb	3250 kg 7,200 lb	5850 kg 12,800 lb	3300 kg 7,300 lb	7700 kg 17,000 lb	4400 kg 9,700 lb	11000 kg 24,300 lb	6250 kg 13,700 lb	*16400 kg *36,200 lb	9850 kg 21,700 lb	*15450 kg *34,100 lb	*15450 kg *34,100 lb
-4.5 m -14'		6950 kg 15,300 lb	4000 kg 8,800 lb			7800 kg 17,200 lb	4500 kg 9,900 lb	*10900 kg *24,000 lb	6350 kg 13,900 lb	*14500 kg *31,900 lb	10050 kg 22,200 lb	*20000 kg *44,100 lb	*20000 kg *44,100 lb
-6.0 m -19'		*6550 kg *14,400 lb	5700 kg 12,600 lb					*8150 kg *18,000 lb	6600 kg 14,600 lb	*11050 kg *24,400 lb	10300 kg 22,700 lb	*14600 kg *32,200 lb	*14600 kg *32,200 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. 13



## STANDARD EQUIPMENT

- Alternator, 60 Ampere, 24V
- Auto-decel
- Automatic engine warm-up system
- Batteries, 126 Ah/2 x 12V
- Boom holding valve
- Corrosion resistor
- Counterweight
- Dry type air cleaner, double element
- Electric horn
- Engine, Komatsu SAA6D114E-3
- Engine overheat prevention system
- Fan guard structure
- Hydraulic track adjusters (each side)
- Multi-function color monitor
- Power maximizing system
- PPC hydraulic control system
- Radiator & oil cooler dust proof net
- Rear reflector
- Rear view mirror, RH, LH, rear, sidewise
- ROPS cab (ISO 12117-2)
- Seat belt, retractable
- Slip-resistant Plates
- Starting motor, 7.5 kW/24 v x 1
- Suction fan
- Track guiding guard, center section
- Track roller
  - PC300-8, 7 each side
  - PC300LC-8, 8 each side
- Track shoe
  - PC300-8, **600 mm** 24" triple grouser
  - PC300LC-8, **700 mm** 28" triple grouser
- Travel alarm
- Two-mode settings for boom
- Working light, 2 (boom and RH)
- Working mode selection system



## OPTIONAL EQUIPMENT

- Additional filter system for poor-quality fuel
- Air conditioner with defroster
- Arms
  - 2220 mm** 7'3" arm assembly
  - 2550 mm** 8'4" arm assembly
  - 3185 mm** 10'5" arm assembly
  - 4020 mm** 13'2" arm assembly
- Batteries, 140 Ah/2 x 12 V
- Bolt-on top guard, (Operator Protective Guards level 2 (OPG))
- Boom, **6470 mm** 21'3"
- Cab accessories
  - Rain visor
  - Sun visor
- Cab front guard
  - Full height guard
  - Half height guard
- Heater with defroster
- Long lubricating intervals for implement bushing
- Rear view monitoring system
- Seat, suspension with heater
- Seat, suspension
- Service valve
- Shoes, triple grouser shoes
  - PC300-8
    - 700 mm** 28", **800 mm** 31.5"
  - PC300LC-8
    - 600 mm** 24", **800 mm** 31.5"
- Track roller guards (full length)
- Track frame undercover
- Working lights (2 on cab)



## SPECIAL PURPOSE BUCKET

- **Ripper bucket** for hard and rock ground
  - Capacity
    - SAE heaped **0.9 m<sup>3</sup>** 1.18 yd<sup>3</sup>
    - CECE heaped **0.8 m<sup>3</sup>** 1.05 yd<sup>3</sup>
    - Width **1200 mm** 47.2"

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