

# 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

## 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.



## 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.

## 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.

**HORSEPOWER**  
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**OPERATING WEIGHT**  
PC300-8: 31100 – 32010 kg  
68,560 – 70,570 lb  
PC300LC-8: 31600 – 32580 kg  
69,670 – 71,830 lb

**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.

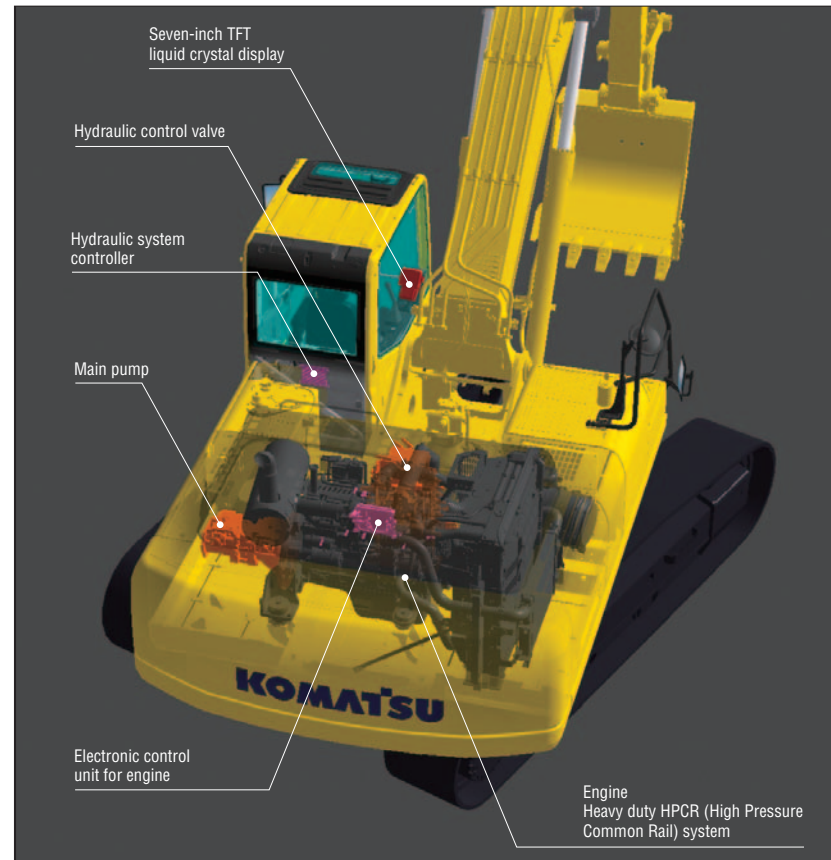
\*HPCR : High Pressure Common Rail

## 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.



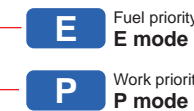
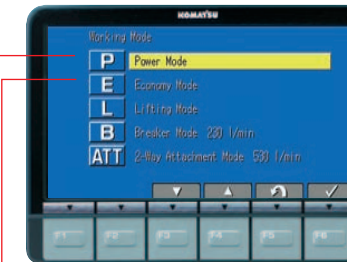
## Working Modes Selectable

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)

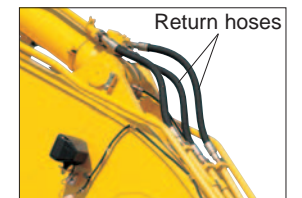
**Maximum arm crowd force (ISO):**  
160 kN (16.3t) → **171 kN (17.4t)** **7% UP**  
(with Power Max.)

**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

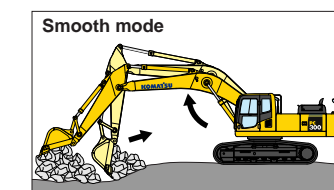
## Smooth Loading Operation

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.

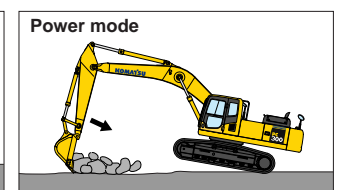


## Two-mode Setting for Boom

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

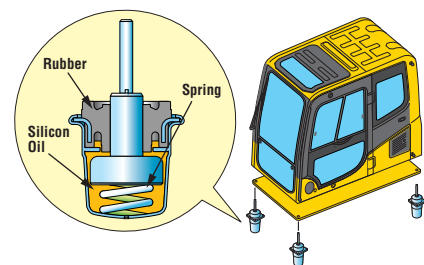


### Low Cab Noise

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.

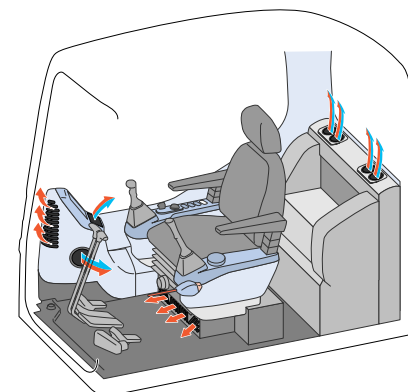


### Pressurized Cab

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)

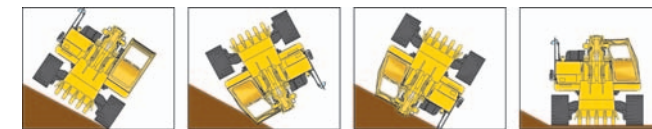
Enables you to easily and precisely set cab atmosphere with the instruments on the large LCD. The bi-level control function keeps the operator's head and feet cool and warm respectively. This improved air flow function keeps the inside of the cab comfortable throughout the year. Defroster function keeps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



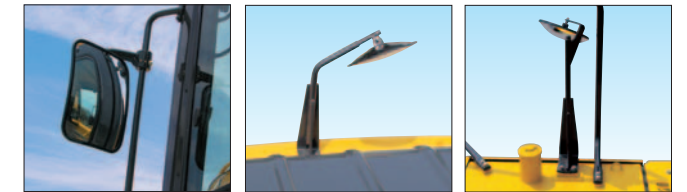
### Lock Lever

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.



# MAINTENANCE FEATURES

## Large LCD Color Monitor

### Large Multi-lingual LCD Monitor

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



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

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

### Mode Selection

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

Working Mode	Application	Advantage
P	Power mode	<ul style="list-style-type: none"> <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.



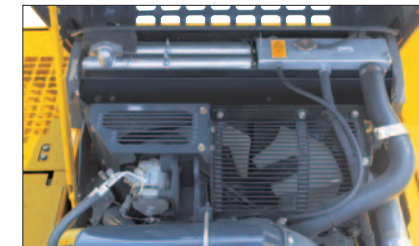
#### Trouble Data Memory Function

Monitor stores abnormalities for effective troubleshooting.

## 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.

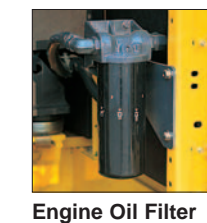


### Large Fuel Tank Capacity

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.

# SPECIFICATIONS

## ENGINE

Model ..... Komatsu SAA6D114E-3  
 Type ..... Water-cooled, 4-cycle, direct injection  
 Aspiration ..... Turbocharged, aftercooled  
 Number of cylinders ..... 6  
 Bore ..... 114 mm 4.49"  
 Stroke ..... 135 mm 5.31"  
 Piston displacement ..... 8.27 ltr 505 in<sup>3</sup>  
 Horsepower:  
 SAE J1995 ..... Gross 194 kW 260 HP  
 ISO 9249 / SAE J1349 ..... Net 184 kW 246 HP  
 Rated rpm ..... 1950 rpm  
 Fan drive type ..... Mechanical  
 Governor ..... All-speed control, electronic

EPA Tier 3 and EU Stage 3A emissions certified.

## HYDRAULICS

Type ..... HydraMind (Hydraulic Mechanical Intelligence New Design) system, closed-center system with load sensing valves and pressure compensated valves  
 Number of selectable working modes ..... 4  
 Main pump:  
 Type ..... Two-variable displacement piston type  
 Pumps for ..... Boom, arm, bucket, swing, and travel circuits  
 Maximum flow ..... 535 ltr/min 141 U.S. gal/min  
 Supply for control circuit ..... Self-reducing valve  
 Hydraulic motors:  
 Travel ..... 2 x axial piston motors with parking brake  
 Swing ..... 1 x axial piston motor with swing holding brake  
 Relief valve setting:  
 Implement circuits ..... 37.3 MPa 380 kgf/cm<sup>2</sup> 5,400 psi  
 Travel circuit ..... 37.3 MPa 380 kgf/cm<sup>2</sup> 5,400 psi  
 Swing circuit ..... 27.9 MPa 285 kgf/cm<sup>2</sup> 4,050 psi  
 Pilot circuit ..... 3.2 MPa 33 kgf/cm<sup>2</sup> 470 psi  
 Hydraulic cylinders:  
 (Number of cylinders – bore x stroke x rod diameter)  
 Boom ..... 2-140 mm x 1480 mm x 100 mm 5.5" x 58.3" x 3.9"  
 Arm ..... 1-160 mm x 1825 mm x 110 mm 6.3" x 71.9" x 4.3"  
 Bucket: ..... for 3.19 m 10'5" and 4.02 m 13'2" Arm  
 1-140 mm x 1285 mm x 100 mm 5.5" x 50.6" x 3.9"  
 ..... for 2.22 m 7'3" and 2.55 m 8'4" Arm  
 1-150 mm x 1285 mm x 110 mm 5.9" x 50.6" x 4.3"

## DRIVES AND BRAKES

Steering control ..... Two levers with pedals  
 Drive method ..... Hydrostatic  
 Maximum drawbar pull ..... 264 kN 26900 kgf 59,300 lb  
 Gradeability ..... 70%, 35°  
 Maximum travel speed: High ..... 5.5 km/h 3.4 mph  
 (Auto-Shift) Mid ..... 4.5 km/h 2.8 mph  
 Low ..... 3.2 km/h 2.0 mph  
 Service brake ..... Hydraulic lock  
 Parking brake ..... Mechanical disc brake

## SWING SYSTEM

Drive method ..... Hydrostatic  
 Swing reduction ..... Planetary gear  
 Swing circle lubrication ..... Grease-bathed  
 Service brake ..... Hydraulic lock  
 Holding brake/Swing lock ..... Mechanical disc brake  
 Swing speed ..... 9.5 rpm

## UNDERCARRIAGE

Center frame ..... X-frame  
 Track frame ..... Box-section  
 Seal of track ..... Sealed track  
 Track adjuster ..... Hydraulic  
 Number of shoes (each side):  
 PC300-8 ..... 45  
 PC300LC-8 ..... 48  
 Number of carrier rollers ..... 2 each side  
 Number of track rollers (each side):  
 PC300-8 ..... 7  
 PC300LC-8 ..... 8

## COOLANT AND LUBRICANT CAPACITY (REFILLING)

Fuel tank ..... 605 ltr 160 U.S. gal  
 Coolant ..... 32.0 ltr 8.5 U.S. gal  
 Engine ..... 35.0 ltr 9.2 U.S. gal  
 Final drive, each side ..... 9.0 ltr 2.4 U.S. gal  
 Swing drive ..... 16.5 ltr 4.4 U.S. gal  
 Hydraulic tank ..... 188 ltr 49.7 U.S. gal

## OPERATING WEIGHT (APPROXIMATE)

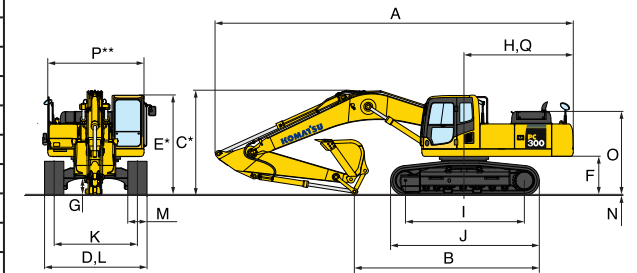
Operating weight including 6470 mm 21'3" one-piece boom, 3185 mm 10'5" arm, SAE heaped 1.4 m<sup>3</sup> 1.83 yd<sup>3</sup> bucket, rated capacity of lubricants, coolant, full fuel tank, operator, and standard equipment.

Shoes	PC300-8		PC300LC-8	
	Operating Weight	Ground Pressure	Operating Weight	Ground Pressure
600 mm 24"	31100 kg 68,560 lb	62.9 kPa 0.64 kgf/cm <sup>2</sup> 9.12 psi	31600 kg 69,670 lb	59.0 kPa 0.60 kgf/cm <sup>2</sup> 8.56 psi
700 mm 28"	31660 kg 69,800 lb	54.8 kPa 0.56 kgf/cm <sup>2</sup> 7.95 psi	32200 kg 70,990 lb	51.6 kPa 0.53 kgf/cm <sup>2</sup> 7.48 psi
800 mm 31.5"	32010 kg 70,570 lb	48.5 kPa 0.49 kgf/cm <sup>2</sup> 7.03 psi	32580 kg 72,000 lb	45.7 kPa 0.47 kgf/cm <sup>2</sup> 6.63 psi

## DIMENSIONS

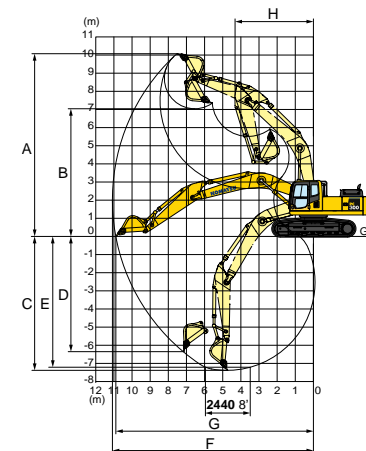
	Arm Length	2220 mm 7'3"	2550 mm 8'4"	3185 mm 10'5"	4020 mm 13'2"
A	Overall length	11300 mm 37'1"	11180 mm 36'8"	11140 mm 36'7"	11170 mm 36'8"
B	Length on ground (transport): PC300-8 PC300LC-8	7320 mm 24'0" 7495 mm 24'7"	6685 mm 21'11" 6860 mm 22'6"	5755 mm 18'11" 5930 mm 19'5"	5300 mm 17'5" 5475 mm 18'0"
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"
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	□	□	□	✕
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	●	●	●	✕
**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	○	○	○	✕

○: General purpose use, density up to 1.8 ton/m<sup>3</sup> 1.52 U.S. ton/yd<sup>3</sup> ✕: 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 swing center
B: Bucket hook height
C: Lifting capacity
Cf: Rating over front
Cs: Rating over side
Symbol with circled dot: Rating at maximum reach

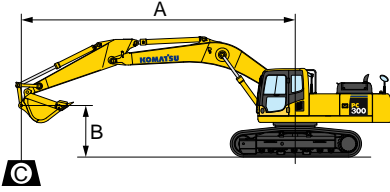


Table for PC300-8 with Arm: 2200 mm 7'3". Columns include reach (A) and lifting capacity (Cf, Cs) for various heights (B).

Table for PC300-8 with Arm: 2550 mm 8'4". Columns include reach (A) and lifting capacity (Cf, Cs) for various heights (B).

Table for PC300-8 with Arm: 3185 mm 10'5". Columns include reach (A) and lifting capacity (Cf, Cs) for various heights (B).

Table for PC300-8 with Arm: 4020 mm 13'2". Columns include reach (A) and lifting capacity (Cf, Cs) for various heights (B).

\*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.







## 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"

# KOMATSU®