



## STANDARD EQUIPMENT

### ENGINE:

- Automatic engine warm-up system
- Dry type air cleaner, double element
- Engine, Komatsu SAA6D114E-3
- Engine overheat prevention system
- Radiator and oil cooler dust proof net
- Suction fan
- Large capacity fuel pre-filter
- Precleaner

### ELECTRICAL SYSTEM:

- Alternator, 24 V/60 A
- Auto-decelerator
- Batteries, 2 X 12 V/126 Ah
- Starting motor, 24 V/7.5 kW
- Working light, boom X 1 and right console

### HYDRAULIC SYSTEM:

- Boom holding valve
- Power maximizing system
- Pressure Proportional Control (PPC) hydraulic control system
- Two-mode settings for boom
- Working mode selection system

### GUARDS AND COVERS:

- Fan guard structure
- Track guiding guard, center section (each side)

### UNDERCARRIAGE:

- Hydraulic track adjusters (Each side)
- Track roller, 8 each side
- Track shoe, 600 mm triple grouser

### OPERATOR ENVIRONMENT:

- A/C with defroster
- Large high resolution LCD monitor
- Rear view mirrors (RH, LH, rear, sidewise)
- Seat belt, retractable
- Seat suspension

### WORK EQUIPMENT:

- Arm
  - 2200 mm arm, heavy duty
- Boom
  - 6470 mm boom, heavy duty

### OTHER EQUIPMENT:

- Large capacity Counterweight
- Electric horn
- Rear reflector
- Slip-resistant plates
- Fuel refill pump



## OPTIONAL EQUIPMENT

### HYDRAULIC SYSTEM:

- Service valve
- Rock breaker attachment piping kit

### DGMS EQUIPMENT:

- Rear view camera
- Battery disconnect switch
- Audio visual Alarm
- Automatic fire suppression system

### OPERATOR ENVIRONMENT:

- Cabin accessories
  - Fan
- Manual fire extinguisher
- Bolt-on top guard
- Cab front guard - Full height guard

### WORK EQUIPMENT:

- Boom
  - 6000 mm boom, heavy duty

### ELECTRICAL SYSTEM:

- Working lights (2 on cab)

### ATTACHMENT:

- Hydraulic breaker
- Hydraulic quick coupler

# KOMATSU®

## PC300LC-8M0

## PC 300LC

### HORSEPOWER

Gross: 194 kW 260 HP / 1950 min<sup>-1</sup>  
Net: 187 kW 250 HP / 1950 min<sup>-1</sup>

### OPERATING WEIGHT

33740 – 34100 kg

### BUCKET CAPACITY

1.4 – 2.30 m<sup>3</sup>



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# KOMATSU®

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Photos may include optional equipment.

**WALK-AROUND**



Large bucket cylinder

Heavy-duty Boom

Heavy-duty Arm

Large Counterweight

Large capacity bucket

**PRODUCTIVITY, ECOLOGY & ECONOMY**

- High Production and Low Fuel Consumption by Total Control of the Engine, Hydraulic and Electronic System
- Low Emission Engine and Low Operation Noise
- Large Drawbar Pull and Digging Force
- Two-mode Setting for Boom

**COMFORT & SAFETY**

- Large Comfortable Cabin
- Factory Fitted DGMS items (Optional)

**ICT \* & KOMTRAX**

- Large High Resolution Liquid Crystal Display (LCD) Monitor
- Equipment Management Monitoring System
- KOMTRAX

\* Information and Communication Technology

**MAINTENANCE & RELIABILITY**

- Easy Maintenance
- High Rigidity Work Equipment



		PC300LC-8M0
<b>HORSEPOWER</b>	Gross:	194 kW 260 HP / 1950 min <sup>-1</sup>
	Net:	187 kW 250 HP / 1950 min <sup>-1</sup>
<b>OPERATING WEIGHT</b>		33740 – 33400 kg
<b>BUCKET CAPACITY</b>		1.4 – 2.3 m <sup>3</sup>

Photos may include optional equipment.

# PRODUCTIVITY, ECOLOGY & ECONOMY

## Low Fuel Consumption

The newly-developed Komatsu SAA6D114E-3 engine enables NOx emissions to be significantly reduced with the accurate multi-stage fuel injection by the engine controller. It improves total engine durability using high-pressure fuel injection system developed specifically for construction machinery. This excavator significantly reduces hourly fuel consumption using the highly-efficient matching techniques of engine and hydraulic unit and also provides features that promote energy-saving operations such as the E mode and ECO gauge.

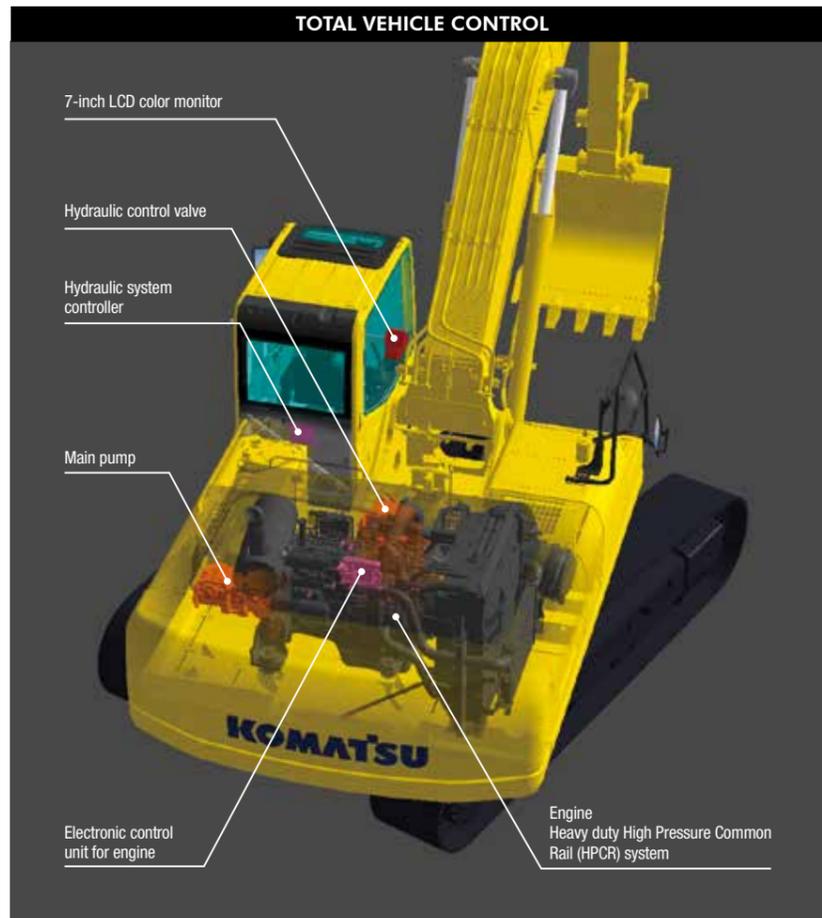
### Fuel consumption

**3% reduced**

Vs. PC300LC-7  
Based on typical work pattern collected via KOMTRAX.  
Fuel consumption varies depending on job conditions.

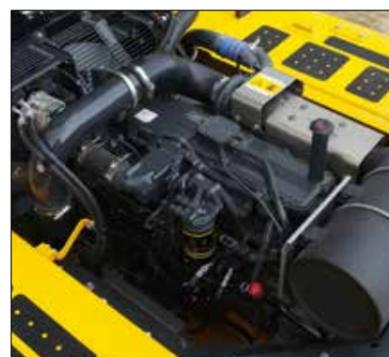
## Komatsu Technology

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.



## Low Emission Engine

Komatsu SAA6D114E-3 reduces NOx emission by 33% compared with the PC300LC-7. This engine is U.S. EPA Tier 3 and EU Stage 3A emission equivalent.



## Low Operation Noise

Enables low noise operation using the low-noise engine and methods to cut noise at source.

## Idling Caution

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



## 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

## Working Modes Selection

The PC300LC-8M0 excavator is equipped with six working modes (P, E, L, B, ATT/P and ATT/E mode). Each mode is designed to match engine speed and pump output to the application. This provides the 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>	Economy mode	<ul style="list-style-type: none"> <li>• Good cycle time</li> <li>• Better fuel economy</li> </ul>
<b>L</b>	Lifting mode	<ul style="list-style-type: none"> <li>• Suitable attachment speed</li> <li>• Lifting capacity is increased 7% by raising hydraulic pressure.</li> </ul>
<b>B</b>	Breaker mode	<ul style="list-style-type: none"> <li>• Optimum engine rpm, hydraulic flow</li> </ul>
<b>ATT/P</b>	Attachment Power mode	<ul style="list-style-type: none"> <li>• Optimum engine rpm, hydraulic flow, 2 way</li> <li>• Power mode</li> </ul>
<b>ATT/E</b>	Attachment Economy mode	<ul style="list-style-type: none"> <li>• Optimum engine rpm, hydraulic flow, 2 way</li> <li>• Economy mode</li> </ul>

## Maximum Drawbar Pull

Maximum drawbar pull provides superb steering and slope climbing performance.

**Maximum drawbar pull:**  
**264 kN (26900 kgf)**



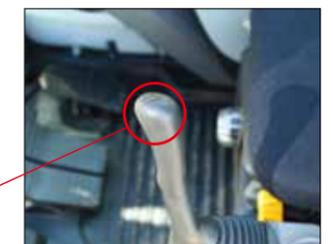
## High Digging Force

One-touch power max. switch when kept pressed, temporarily increases digging force for 8.5 seconds of operation.

**Maximum arm crowd force (ISO 6015):**  
**235 kN (24 t)**  
(With Power Max.)

**Maximum bucket digging force (ISO 6015):**  
**259 kN (26.4 t)**  
(With Power Max.)

Measured with Power Max. function, 2200 mm arm and ISO 6015 rating.



One-touch power max. switch

## Smooth Loading Operation

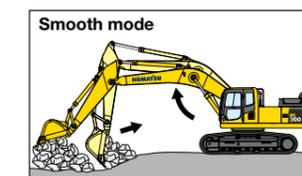
Two return hoses improve hydraulic performance. In the arm out function, a portion of the oil is returned directly to the tank providing smooth operation.



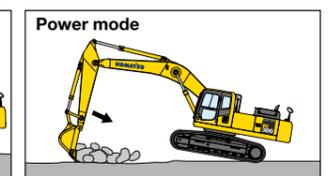
Return hoses

## 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.

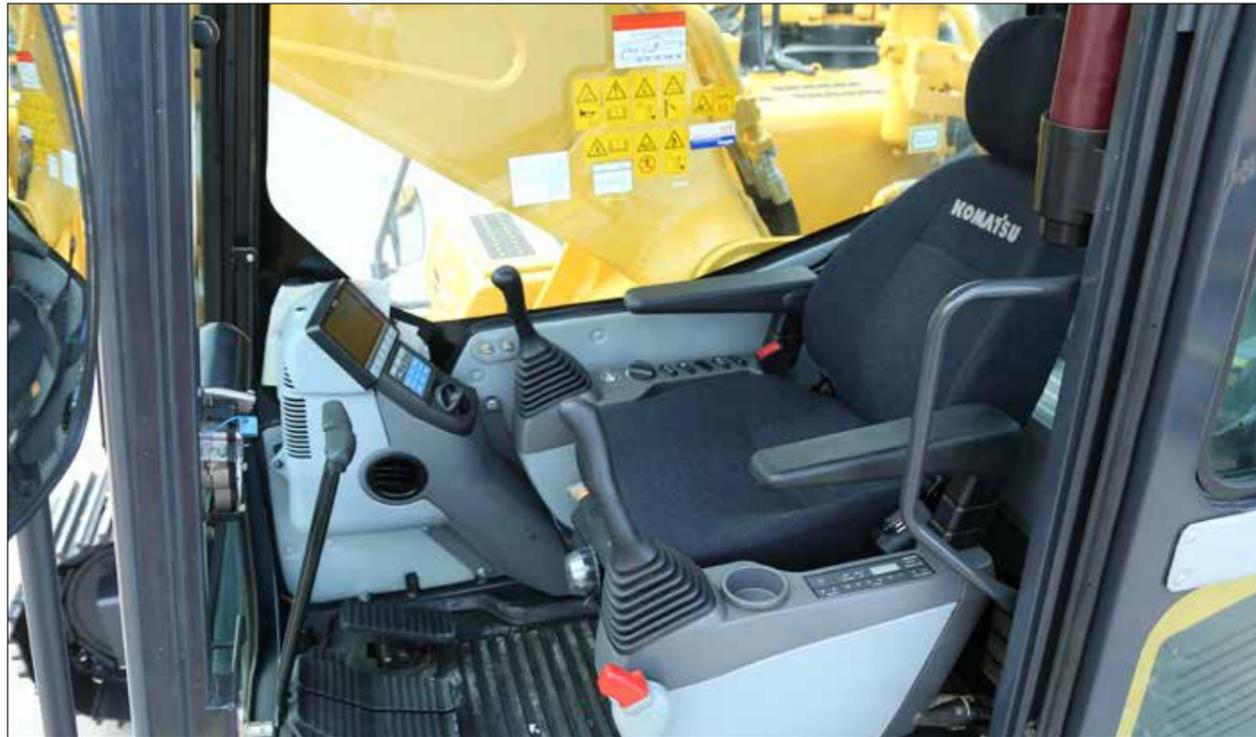


**Smooth mode**  
Boom floats upward, reducing lifting of machine front. This facilitates gathering blasted rock and scraping down operations.



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

## COMFORT

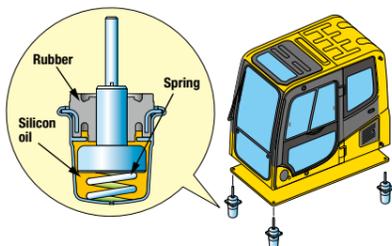


### Low Cab Noise

The 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

PC300LC-8M0 uses viscous damper mounting for cab that incorporates longer stroke and the addition of a spring. The cab damper mounting combined with high rigidity deck aids vibration reduction at operator seat.



### Wide Cab

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.



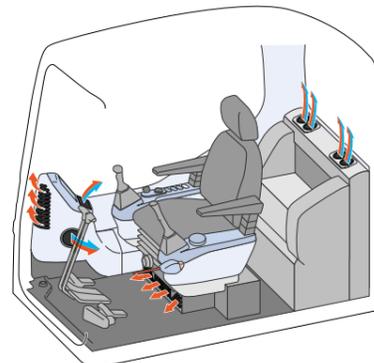
### Pressurized Cab\*

Standard air conditioner (A/C), air filter and higher internal air pressure prevent external dust from entering the cab.

\*Non-A/C cabin optional

### Automatic Air Conditioner (A/C)

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

### Slip-resistant Plates

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

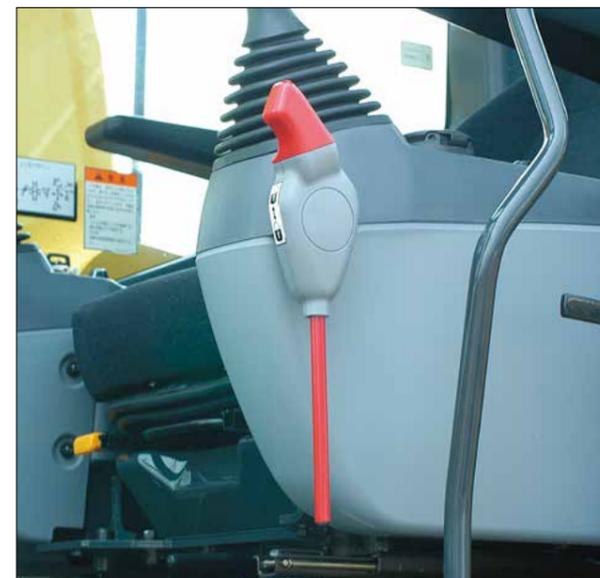


### Pump/Engine Room Partition

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

### Lock Lever

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



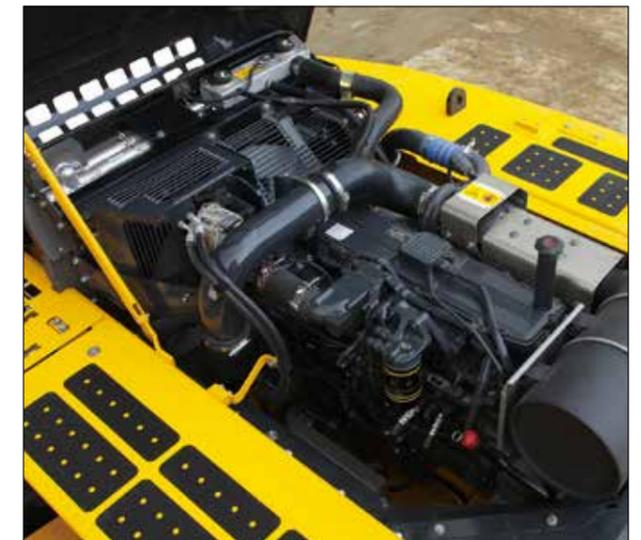
### Large Side-view, Rear and Sidewise Mirrors

Large right-side mirror and additional rear & right side mirrors allow the PC300LC-8M0 to meet the visibility requirements. (ISO 5006 : 2006)



### Thermal and Fan Guards

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



# ICT & KOMTRAX



## Large LCD Monitor

A large user-friendly high resolution LCD color monitor enables safe, accurate and smooth work. Visibility and resolution are further improved in 7-inch large LCD. Simple and easy to operate switches. Function keys facilitate multi-function operations. Displays data in various 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 Fuel consumption gauge
- 9 Function switches menu

### Basic operation switches

- 1 Auto-decelerator
- 2 Working mode selector
- 3 Traveling selector
- 4 Buzzer cancel

## Supports Efficiency Improvement

Main screen display advises for promoting energy-saving operations. The operator can use the ECO guidance menu to check the operation records, ECO guidance records, average fuel consumption logs, etc.



## Equipment Management Monitoring System

### Monitor function

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



### Maintenance function

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



### Trouble data memory function

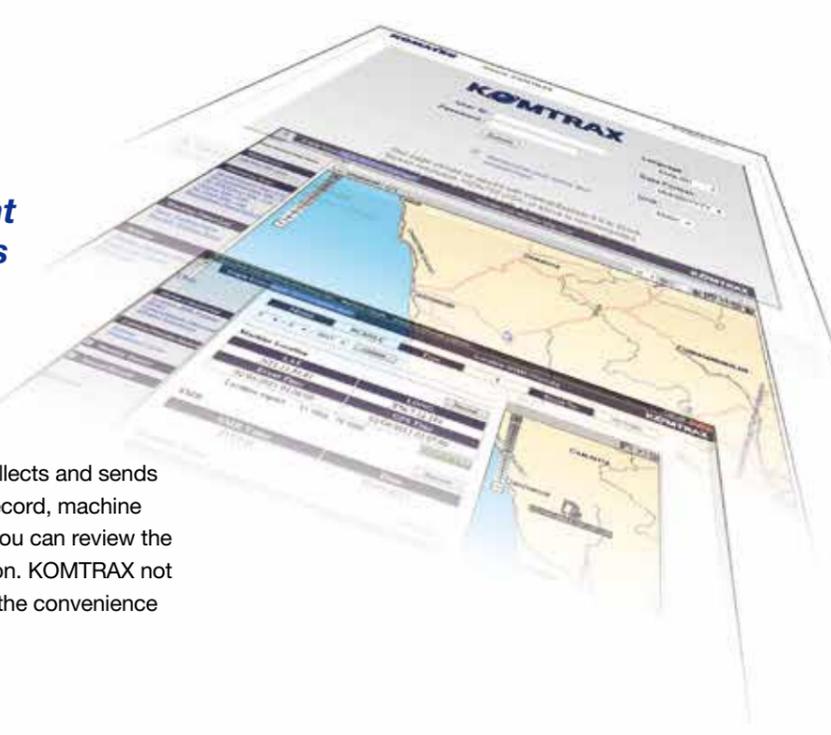
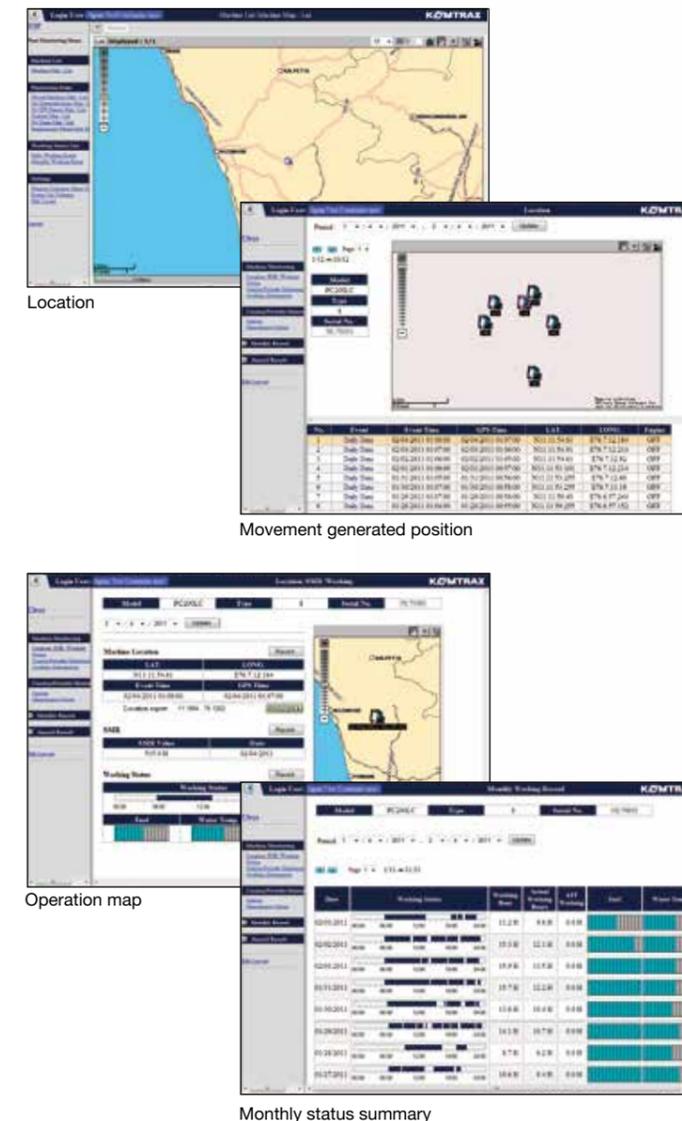
Monitor stores abnormalities for effective troubleshooting.

# KOMTRAX

*assists customer's equipment management and contributes to Fuel Cost Saving*

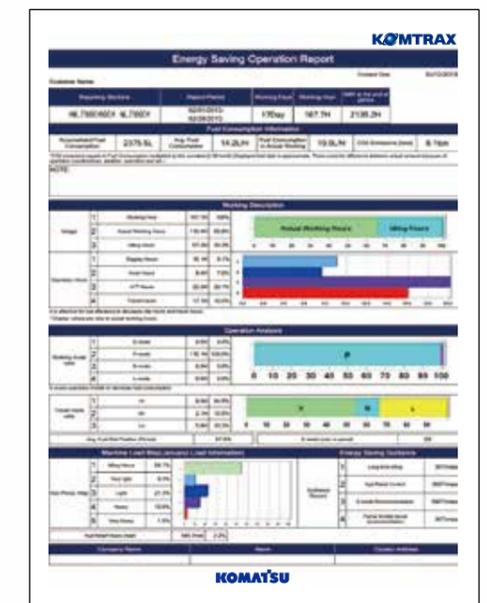
## Equipment Management Support

KOMTRAX terminal installed on your machine collects and sends information such as machine location, working record, machine conditions, etc. using wireless communication. You can review the KOMTRAX data remotely via the online application. KOMTRAX not only gives you information on your machine, but the convenience of managing your fleet on the web.



## Energy-saving Operation Report

KOMTRAX can provide various useful information which includes the energy-saving operation report created based on the operating information of your machine such as fuel consumption and idle time.



## MAINTENANCE

### Side-by-side Cooling

Since radiator and oil cooler are arranged in parallel, it is easy to clean, remove and install them.



### Equipped with Drain Valve as Standard

Prevents clothes and the ground from becoming contaminated due to oil spillage and facilitates easy draining of engine oil during scheduled maintenance.



### 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

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

Removes water and contaminants in the fuel to ensure clean fuel flow to engine.



### 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 resultant power decrease. Reliability is improved by a new seal design.



### Large Fuel Tank Capacity

Large capacity, rust prevention treated fuel tank extends operating hours before refueling.



## RELIABILITY

### High-Rigid Work Equipment

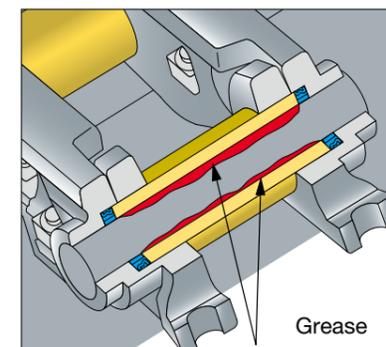
Boom and arms are constructed of thick plates of high tensile strength steel. In addition, these structures are designed with large cross-sectional areas and generous use

of castings. The result is working attachments that exhibit long term durability and high resistance to bending and torsional stress.



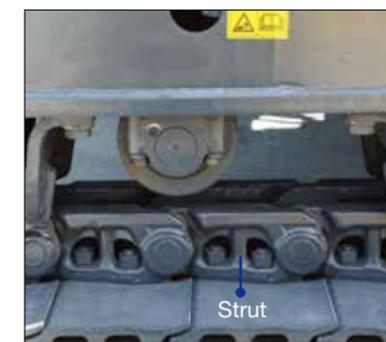
### Grease Sealed Track

PC300LC-8M0 uses grease sealed tracks for extended undercarriage life.



### Track Link with Strut

PC300LC-8M0 uses track links with strut, providing superb durability.



### Sturdy Frame Structure

The revolving frame, center frame and undercarriage are designed by using the most advanced three-dimensional CAD and Finite Element Method (FEM) analysis technology.

### Highly Reliable Electronic Devices

Exclusively designed electronic devices have passed severe testing.

- Controller
- Sensors
- Connectors
- Heat resistant wiring

### Reliable Components

All major machine components, such as engine, hydraulic pumps, hydraulic motors and control valves are exclusively designed and manufactured by Komatsu ensuring reliable performance over long period of time.

# KOMATSU BUCKET

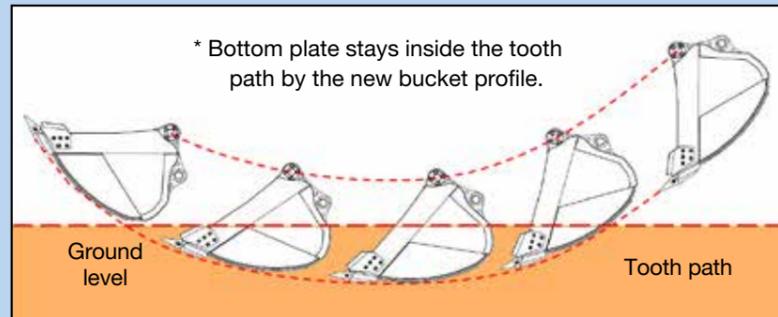
# SE SPEC.

## Feature of [ME Bucket] (More suitable shape and Effectiveness Bucket)

### High Productivity by Low-resistant Excavation



The new Ideal bucket profile produces lower resistance inside & outside bucket and production will be substantially increased.



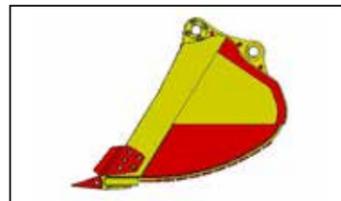
### KOMATSU "ME" Bucket with Larger Width

"ME" more efficient bucket options made available with additional wear plates and long service life

- Low resistant excavation
- High durability
- High productivity
- High fuel efficiency



Conventional



"ME" Bucket

### Category and Feature

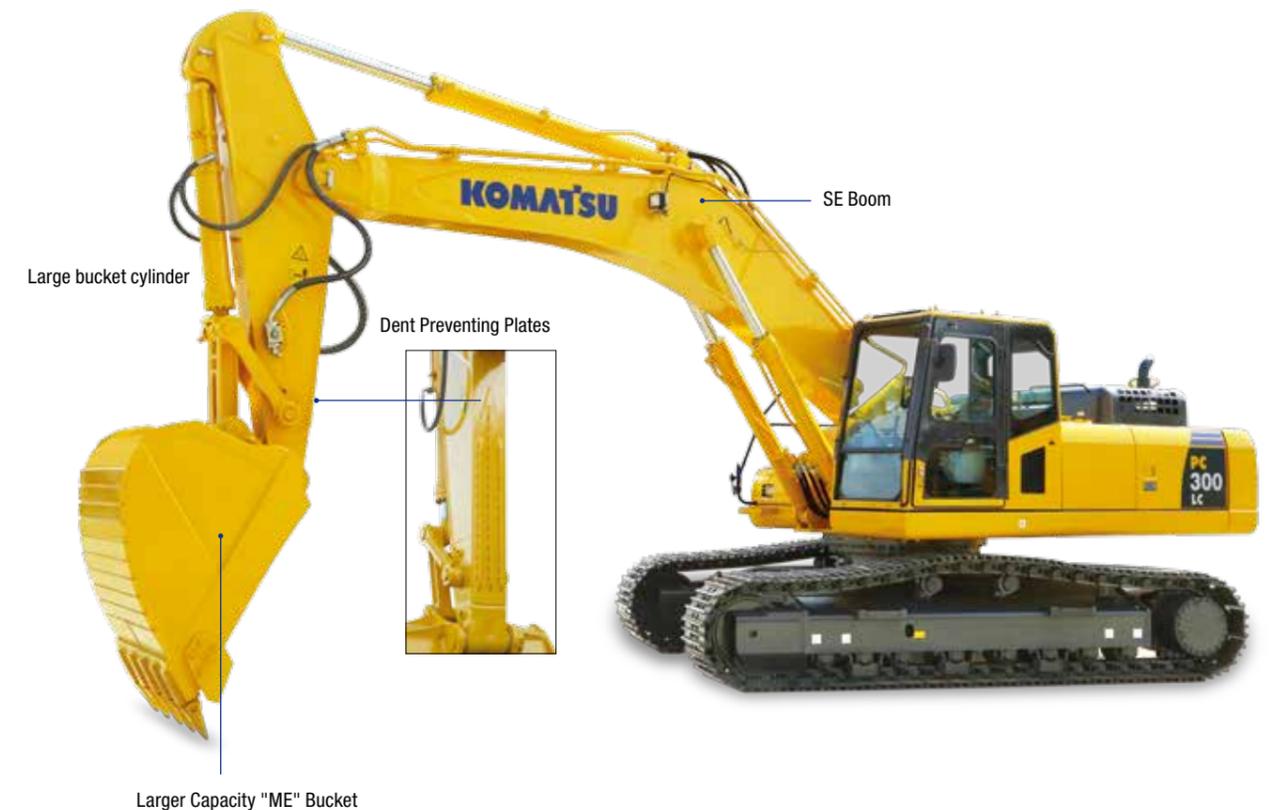
Category	Load / Wear / Soil (Application)	Image
Standard	<b>Load</b> Machine power is mostly medium, but occasionally high. Bucket movements are smooth with minor shock load. Bucket penetrates easily. <b>Wear</b> Material is lightly abrasive. Some sand may be medium abrasive. <b>Soil</b> Mostly loose sand, gravel and finely broken materials.	
More Efficient "ME"	<b>Load</b> High productivity by low-resistant excavation. Medium, but continuous load. <b>Wear</b> Material is not abrasive. <b>Soil</b> Loose soil, sand & clay	
Heavy Duty HD	<b>Load</b> Machine power is high during majority of the work. Medium, but continuous shock load. <b>Wear</b> Material is abrasive. Light scratch marks can be seen at the bucket. <b>Soil</b> Limestone, shot rock, compact mix of sand, gravel and clay.	

### Bucket Line-up

Category	Working Condition	Bucket Capacity (Heaped) (Cu.m)	Width (mm)		Weight (kg)	Tooth Quantity	PC300LC-8M0 Boom+Arm(m)	
			Without side cutters	with side cutters			6.5+2.2	6+2.2
Standard	Soft gravel & General construction	1.60	1522	1640	1580	6	○	x
		2.10	1565	1685	1725	5	□	□
More Efficient (ME)	Irrigation & Soft soil work	1.90	1516	1616	1745	5	○	○
		2.10	1493	1593	1990	5	□	□
		2.30	1603	1703	2095	5	x	□
Heavy duty (HD)	Blue metal Quarry, Limestone	1.40	1370	1474	1520	5	○	x

● : Material upto 2.4 ton/m<sup>3</sup> ○ : Material upto 1.8 ton/m<sup>3</sup> □ : Material upto 1.5 ton/m<sup>3</sup> x : Not usable

PC300LC-8M0 SE spec. is equipped with a large reinforced ME bucket to increase the efficiency of loading a tipper with large amount of loose materials.



Photos may include optional equipment.

# ATTACHMENT

## Komatsu Genuine Attachment Tool

A wide range of Komatsu-genuine attachment tools for hydraulic excavators are provided to suit customers' specific applications.

### Hydraulic breaker

The hydraulic breaker is an attachment tool used for breaking rock beds and paved surfaces, demolishing concrete structures, etc. The large gas chamber, ideal gas ratio and long-stroke piston deliver a powerful impact force. Since the breaker unit does not require an accumulator, the number of parts has been reduced, resulting in lower maintenance costs.

Komatsu breaker delivers high impact force with every blow thus, ideal choice for primary & secondary breaking.

Model type	JTHB350-3	
Working weight	kg	2790
Oil flow	l/min	180 - 230
Operating pressure	MPa	13 - 18
Impact rate	bpm	350 - 450
Chisel diameter	mm	∅ 146



- Anti-Blank Blow System
- Accumulator FREE design
- High Impact Energy
- High Reliability & Durability
- Low Operating Cost

## Hydraulic Quick Coupler

Hydraulic Quick Coupler is used to facilitate frequent changes between attachments such as bucket, breaker etc., thus, saves time and reduces operator fatigue. The Twin Lock series Hydraulic Quick Coupler is completely automatic and with Automatic Blocking System makes the operation easy and safe.

- Fully Automatic (Hydraulic coupling)
- Twin Lock Mechanism
- Automatic Blocking System (ABS)
- Blocking Bar
- Lifting Eye
- Casting Manufacturing



# KOMATSU TOTAL SUPPORT



## Komatsu Total Support

To keep your machine available and minimize operation costs, Komatsu Distributor provides total equipment support before and after procuring the machine.

### Fleet recommendation

Komatsu Distributor will study the customer jobsite and provide the most optimum fleet recommendation with detailed information to meet your application needs when you are considering to buy new machines or to replace the existing ones.



### Product support

Komatsu machines are supported by Larsen & Toubro's strong nationwide network, parts outlets and service centers.

### Parts availability

Komatsu Distributor is available for regular and emergency requirements of the customers for supply of genuine and quality guaranteed Komatsu parts.

### Technical support

Komatsu Distributor offers effective services for maintenance and support of Komatsu machine.

- Preventive Maintenance (PM) clinic
- Oil & Wear analysis program
- Undercarriage inspection service
- Hose inspection



### Repair & maintenance service

Komatsu Distributor offers quality repair service and periodical maintenance to the customers, while utilizing and promoting Komatsu programs.

# SPECIFICATIONS



## ENGINE

Model ..... Komatsu SAA6D114E-3  
 Type ..... Water-cooled, 4-cycle, direct injection  
 Aspiration ..... Turbocharged, aftercooled  
 Number of cylinders ..... 6  
 Bore ..... 114 mm  
 Stroke ..... 135 mm  
 Piston displacement ..... 8.27 L  
 Horsepower:  
 SAE J1995 ..... Gross 194 kW 260 HP  
 ISO 9249 / SAE J1349 ..... Net 187 kW 250 HP  
 Rated rpm ..... 1950 min<sup>-1</sup>  
 Fan drive method for radiator cooling ..... Mechanical  
 Governor ..... All-speed control, electronic

U.S. EPA Tier 3 and EU Stage 3A emissions equivalent.



## HYDRAULICS

Type . . . HydrauMind (Hydraulic Mechanical Intelligence New Design) system, closed-center system with load sensing valves and pressure compensated valves  
 Number of selectable working modes ..... 6  
 Main pump:  
 Type ..... Two variable displacement piston type  
 Pumps for ..... Boom, arm, bucket, swing, and travel circuits  
 Maximum flow ..... 535 L/min  
 Supply for control circuit ..... Self-reducing valve  
 Hydraulic motors:  
 Travel ..... 2 x axial piston motor with parking brake  
 Swing ..... 1 x axial piston motor with swing holding brake  
 Relief valve setting:  
 Implement circuits ..... 37.3 MPa 380 kg/cm<sup>2</sup>  
 Travel circuit ..... 37.3 MPa 380 kg/cm<sup>2</sup>  
 Swing circuit ..... 27.9 MPa 285 kg/cm<sup>2</sup>  
 Pilot circuit ..... 3.2 MPa 33 kg/cm<sup>2</sup>  
 Hydraulic cylinders:  
 (Number of cylinders – bore x stroke x rod diameter)  
 Boom ..... 2–140 mm x 1480 mm x 100 mm  
 Arm ..... 1–160 mm x 1825 mm x 110 mm  
 Bucket for 2.22 m arm ..... 1–150 mm x 1285 mm x 110 mm



## DRIVES AND BRAKES

Steering control ..... Two levers with pedals  
 Drive method ..... Hydrostatic  
 Maximum drawbar pull ..... 264 kN 26900 kg  
 Gradeability ..... 70%, 35°  
 Maximum travel speed: High ..... 5.5 km/h  
 (Auto-shift) Mid ..... 4.5 km/h  
 (Auto-shift) Low ..... 3.2 km/h  
 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 min<sup>-1</sup>



## UNDERCARRIAGE

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



## COOLANT AND LUBRICANT CAPACITY (REFILLING)

Fuel tank ..... 605 L  
 Coolant ..... 31 L  
 Engine ..... 37 L  
 Final drive (Each side) ..... 9 L  
 Swing drive ..... 16 L  
 Hydraulic tank ..... 188 L



## OPERATING WEIGHT (APPROXIMATE)

Operating weight including 6470 mm one-piece boom, 2200 mm arm, SAE J 296 heaped 2.10 m<sup>3</sup> GP bucket, rated capacity of lubricants, coolant, full fuel tank, operator, and standard equipment.

Shoes	PC300LC-8M0	
	Operating Weight	Ground Pressure
600 mm	33740 kg	63.8 kPa 0.65 kg/cm <sup>2</sup>

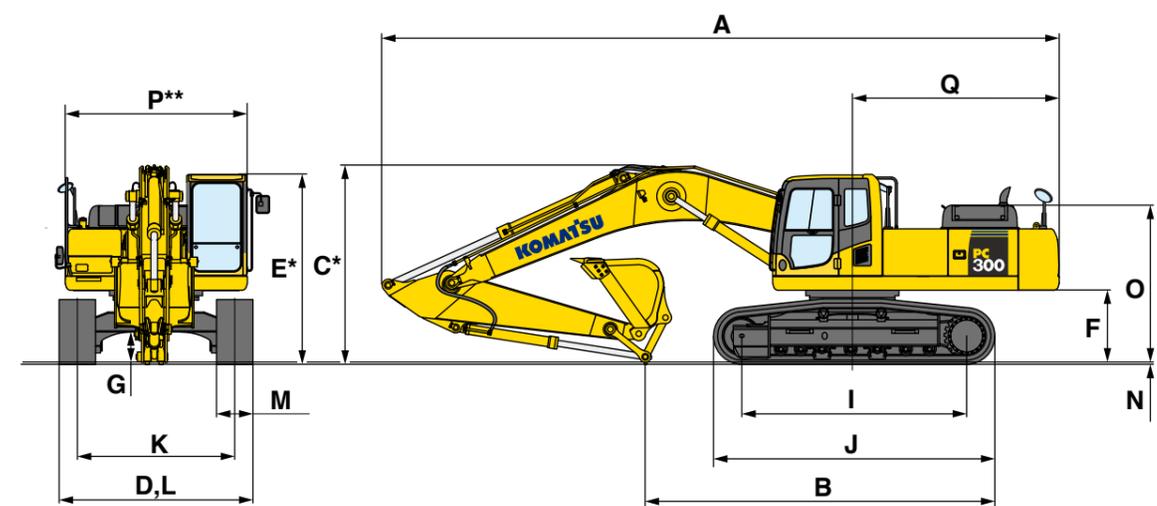
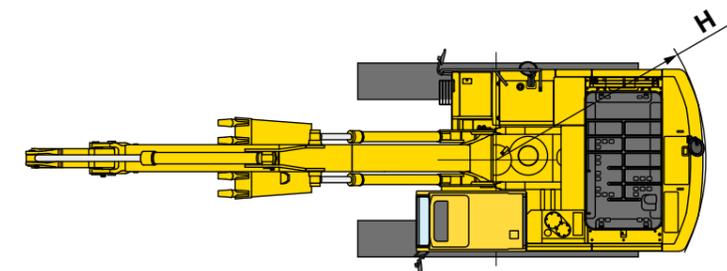
Operating weight including 6000 mm one-piece boom, 2200 mm arm, SAE J 296 heaped 2.30 m<sup>3</sup> bucket, rated capacity of lubricants, coolant, full fuel tank, operator, and standard equipment.

Shoes	PC300LC-8M0 SE Spec.	
	Operating Weight	Ground Pressure
600 mm	34100 kg	63.9 kPa 0.65 kg/cm <sup>2</sup>



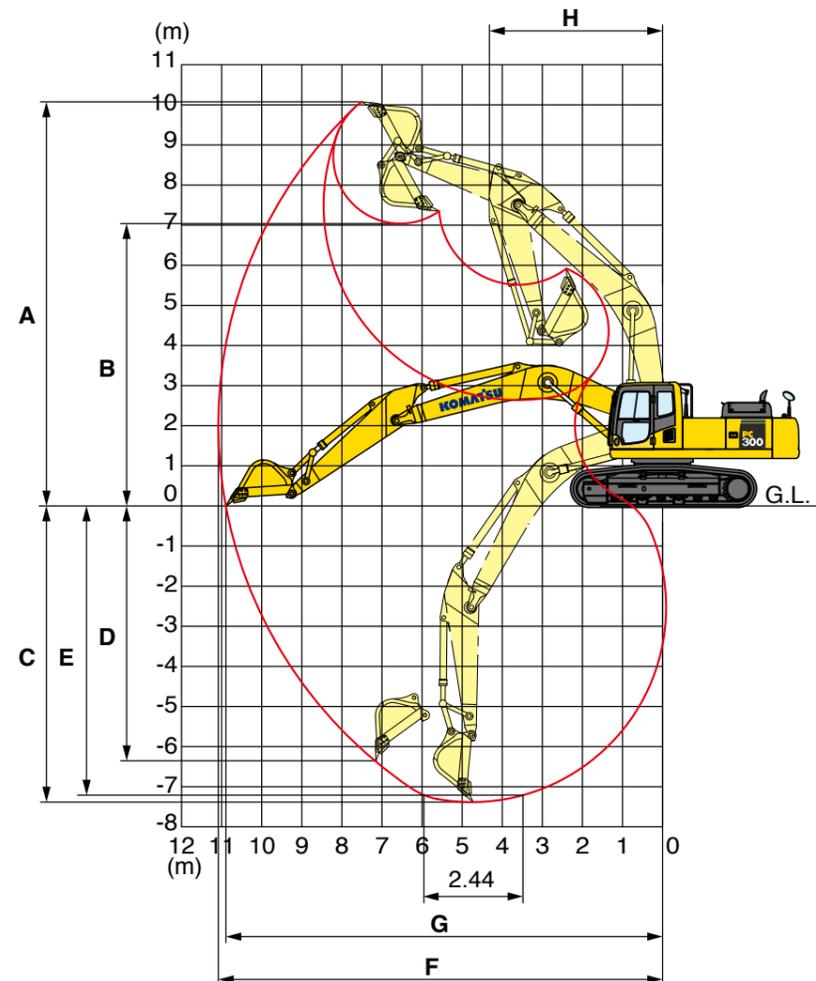
## DIMENSIONS

Model	PC300LC-8M0	PC300LC-8M0 SE SPEC.
<b>Boom Length</b>	6470 mm	6000 mm
<b>Arm Length</b>	2200 mm	2200 mm
<b>Bucket Capacity</b>	2.1 m <sup>3</sup>	2.3 m <sup>3</sup>
<b>A</b> Overall length	11405 mm	10940 mm
<b>B</b> Length on ground (Transport)	6980 mm	4485 mm
<b>C</b> Overall height (To top of boom)*	3480 mm	3710 mm
<b>Model</b>		
<b>D</b> Overall width	3190 mm	
<b>E</b> Overall height (To top of cab)*	3135 mm	
<b>F</b> Ground clearance, counterweight	1185 mm	
<b>G</b> Ground clearance (Minimum)	500 mm	
<b>H</b> Tail swing radius	3550 mm	
<b>I</b> Track length on ground	4030 mm	
<b>J</b> Track length	4955 mm	
<b>K</b> Track gauge	2590 mm	
<b>L</b> Width of crawler	3190 mm	
<b>M</b> Shoe width	600 mm	
<b>N</b> Grouser height	36 mm	
<b>O</b> Machine cab height	2585 mm	
<b>P</b> Machine cab width	3165 mm	
<b>Q</b> Distance, swing center to rear end	3510 mm	

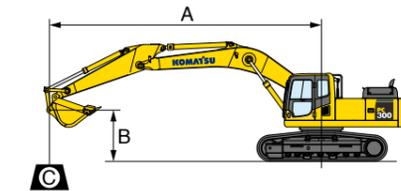


**WORKING RANGE**

Model	PC300LC-8M0	PC300LC-8M0 SE SPEC	
<b>Boom Length</b>	<b>6470 mm</b>	<b>6000 mm</b>	
<b>Arm Length</b>	<b>2220 mm</b>	<b>2200 mm</b>	
<b>A</b> Max. digging height	9295 mm	9000 mm	
<b>B</b> Max. dumping height	6365 mm	6055 mm	
<b>C</b> Max. digging depth	6540 mm	6100 mm	
<b>D</b> Max. vertical wall digging depth	2870 mm	2000 mm	
<b>E</b> Max. digging depth of cut for 2440 mm level	6085 mm	5630 mm	
<b>F</b> Max. digging reach	10245 mm	9775 mm	
<b>G</b> Max. digging reach at ground level	10045 mm	9540 mm	
<b>H</b> Min. swing radius	4470 mm	4085 mm	
<b>SAE 1179 Rating</b>	Bucket digging force at power max.	228 kN 23300 kgf 51370 lb	223 kN 22800 kgf 50510 lb
	Arm crowd force at power max.	225 kN 22900 kgf 50490 lb	215 kN 21900 kgf 48350 lb
	Bucket digging force at power max.	259 kN 26400 kgf 58200 lb	246 kN 25100 kgf 55300 lb
<b>ISO 6015 Rating</b>	Bucket digging force at power max.	235 kN 24000 kgf 52910 lb	224 kN 22822 kgf 50360 lb
	Arm crowd force at power max.	235 kN 24000 kgf 52910 lb	224 kN 22822 kgf 50360 lb
	Arm crowd force at power max.	235 kN 24000 kgf 52910 lb	224 kN 22822 kgf 50360 lb



**LIFTING CAPACITY WITH LIFTING MODE**



- PC300LC-8M0**
- A: Reach from swing center
  - B: Bucket hook height
  - C: Lifting capacity
  - Cf: Rating over front
  - Cs: Rating over side
  - ⊕: Rating at maximum reach

PC300LC-8M0		Boom: 6470 mm		Arm: 2200 mm		Bucket: 2.1 CUM								
B	A	⊕ MAX REACH		9.0m (29')		7.5 m (24')		6.0 m (19')		4.5 m (14')		3.0 m (9')		1.5 m (4.5')
		RADIUS	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.5 m (24')	6.63 m (21.7')	*7900 (17400)	7300 (16100)											
6.0 m (19')	7.64 m (25.1')	*7600 (16700)	5450 (12000)			*7500 (16600)	5700 (12500)	*8450 (18600)	*8450 (18600)					
4.5 m (14')	8.27 m (27.1')	*7500 (16600)	4550 (10000)			*7900 (17400)	5450 (12100)	*9700 (21400)	8250 (18100)	*12700 (28000)	*12700 (28000)			
3.0 m (9')	8.58 m (28.1')	6950 (15300)	4050 (9000)			*8500 (18700)	5200 (11400)	*10900 (24100)	7700 (17000)					
1.5 m (4')	8.62 m (28.3')	6750 (14800)	3900 (8600)			8550 (18800)	5000 (11100)	*11750 (26000)	7250 (16000)					
0.0 m (0')	8.39 m (27.5')	6950 (15300)	4000 (8800)			8350 (18400)	4850 (10700)	*11950 (26400)	6950 (15400)					
-1.5 m (-4')	7.87 m (25.8')	7650 (16900)	4450 (9800)			8300 (18200)	4800 (10600)	*11450 (25300)	6900 (15200)	*14950 (33000)	11100 (24500)			
-3.0 m (-9')	6.99 m (22.9')	*7900 (17500)	5450 (12100)					*10000 (22100)	7000 (15400)	*12900 (28500)	11300 (24900)	*14300 (31600)	*14300 (31600)	
-4.5 m (-14')	5.58 m (18.3')	*7150 (5800)	*7150 (15800)					*5800 (12800)	*5800 (12800)	*9400 (20800)	*9400 (20800)			
-6.0 m (-19')														

\*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 75% OF TIPPING LOAD.

PC300LC-8M0 SE SPEC		Boom: 6000 mm		Arm: 2200 mm		Bucket: 2.3 CUM								
B	A	⊕ MAX REACH		9.0m (29')		7.5 m (24')		6.0 m (19')		4.5 m (14')		3.0 m (9')		1.5 m (4.5')
		RADIUS	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.5 m (24')	5.96 m (19.5')	*8500 (18900)	*8500 (18900)					*8200 (18000)	*8200 (18000)					
6.0 m (19')	7.07 m (23.2')	*8100 (17900)	6150 (13600)					*8550 (18900)	*8500 (18700)					
4.5 m (14')	7.74 m (25.4')	*8000 (17700)	5000 (11000)			*8050 (17700)	5300 (11700)	*9550 (21000)	8050 (17700)	*12650 (27900)	*12650 (27900)			
3.0 m (9')	8.08 m (26.5')	7600 (16800)	4450 (9800)			*8550 (18800)	5050 (11200)	*10800 (23900)	7650 (16800)	*14900 (32900)	12350 (27200)			
1.5 m (4')	8.12 m (26.6')	7350 (16200)	4250 (9400)			8350 (18500)	4850 (10700)	*11700 (25800)	7200 (15900)	*16650 (36700)	11450 (25300)			
0.0 m (0')	7.88 m (25.8')	7650 (16900)	4000 (9700)			8300 (18300)	4800 (10500)	*11900 (26300)	6950 (15400)	*16650 (36700)	11150 (24600)			
-1.5 m (-4')	7.32 m (24.0')	*8500 (18700)	4950 (11000)			8050 (17800)	4750 (10400)	*11300 (24900)	6900 (15200)	*15200 (33500)	11200 (24700)			
-3.0 m (-9')	6.36 m (20.9')	*8350 (18400)	6400 (14100)					*9400 (20700)	7050 (15500)	*12700 (28000)	11400 (25200)	*15250 (33600)	*15250 (33600)	
-4.5 m (-14')	4.76 m (15.6')	*6950 (15300)	*6950 (15300)							*8100 (17800)	*8100 (17800)			
-6.0 m (-19')														

\*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 75% OF TIPPING LOAD.