

KOMATSU®

PC160LC-8

HORSEPOWER

Gross: 90 kW 121 HP @ 2200 rpm

Net: 86 kW 115 HP @ 2200 rpm

OPERATING WEIGHT

16680–17120 kg 36,770–37,740 lb

BUCKET CAPACITY

0.60–0.70 m³ 0.78–0.92 yd³

ecot3

PC
160
LC



Photo may include optional equipment.

HYDRAULIC EXCAVATOR

WALK-AROUND

Ecology and Economy Features

● ***Low Emission Engine***

A powerful, turbocharged and air-to-air aftercooled Komatsu SAA4D107E-1 provides **86 kW** 115 HP. This engine is U.S. EPA Tier 3 and EU Stage 3A emissions certified, without sacrificing power or machine productivity.

● ***Low Operation Noise***

See page 4.

● ***Mode Selection***

- Economy mode improves fuel consumption.
- ECO gauge for energy-saving operations
- Extended idling caution for fuel conservation

See page 5.

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 installed.
- Rear view monitoring system for easy checking behind the machine (optional)

See page 7.



Large Liquid Crystal Display (LCD) Monitor

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

See page 9.

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 cooling concept enables individual cooling modules to be serviced.
- Easy access to engine oil filter, fuel filter and fuel drain valve
- Fuel filter is remotely mounted to improve accessibility.

See page 8.

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Large Comfortable Cab

- Low-noise cab, similar to passenger car
- Low vibration with cab damper mounting
- Highly pressurized cab with air conditioner
- Operator seat and console with armrest that enables operations in the appropriate operational posture.

See page 6.



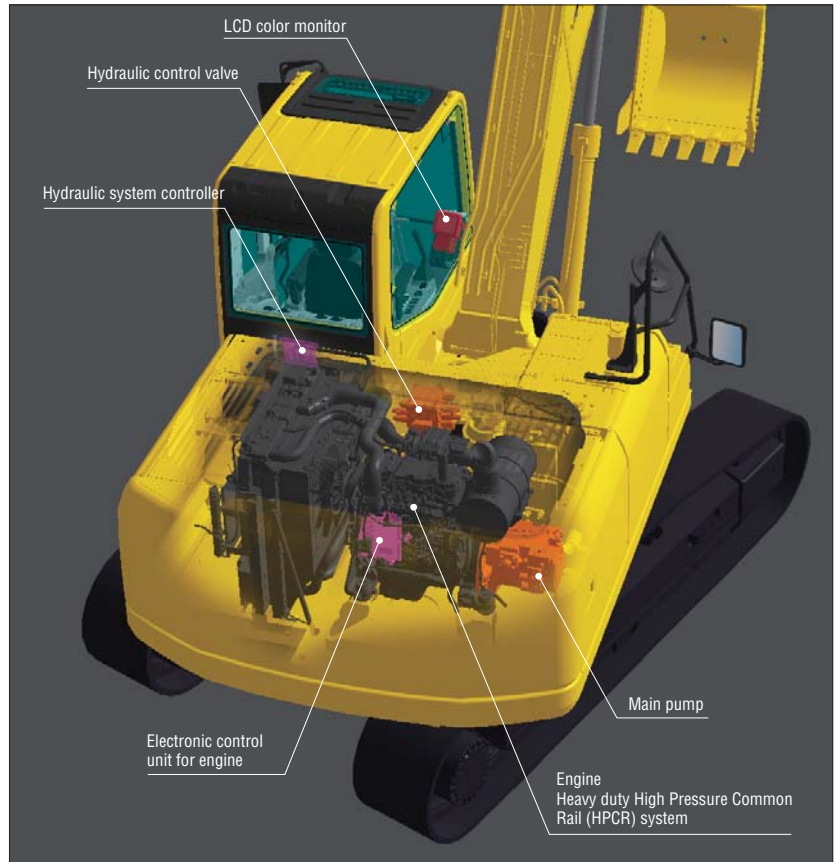
Photo may include optional equipment.

ECOLOGY & ECONOMY 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.



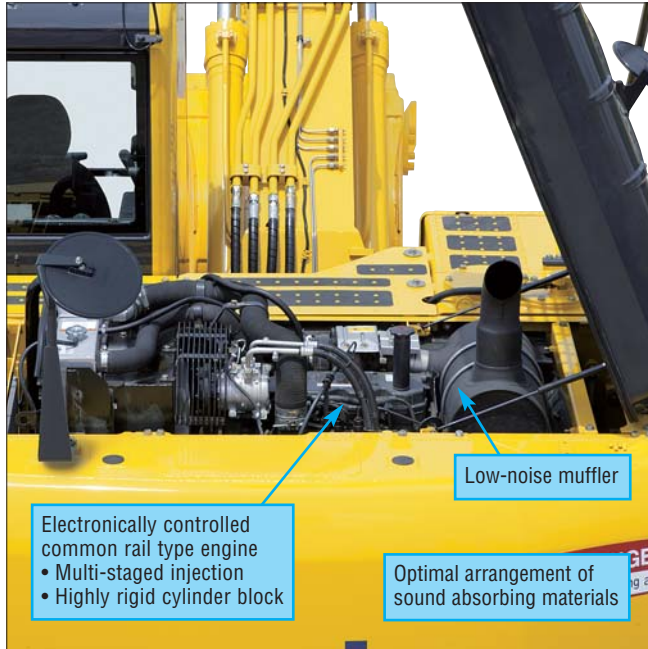
Low Emission Engine

Komatsu SAA4D107E-1 engine is U.S. EPA Tier 3 and EU Stage 3A emissions certified, without sacrificing power or machine productivity.



Low Operation Noise

Enables a 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.



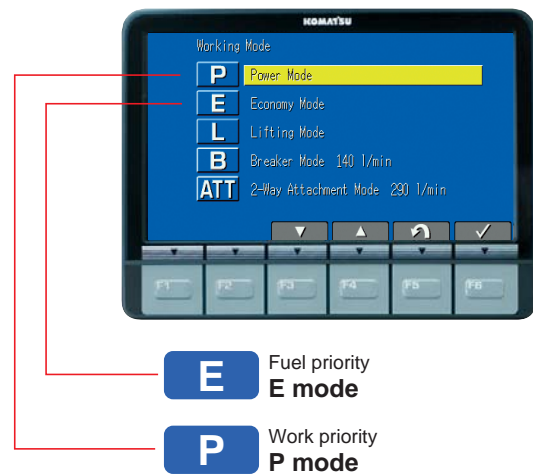
Working Modes Selectable

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 CO₂ emissions and efficient fuel consumption.



ECO gauge

WORKING ENVIRONMENT

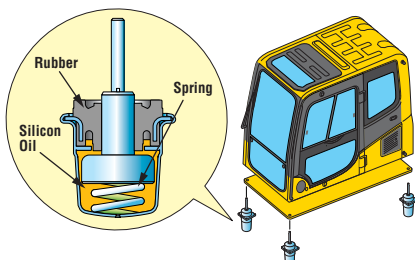


Low Cab Noise

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 similar to that of a passenger car.

Low Vibration with Cab Damper Mounting

PC160LC-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

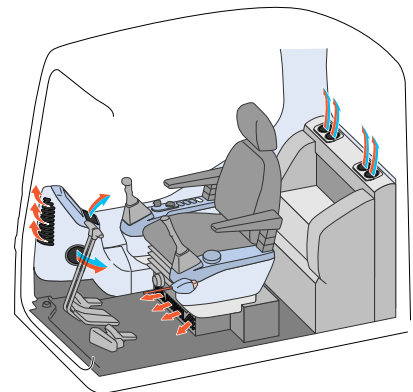
Optional air conditioner, air filter and a higher internal air pressure (+6.0 mm Aq +0.2" Aq) prevent external dust from entering the cab.

Automatic Air Conditioner

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



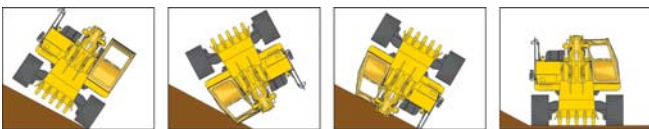
The bi-level control function keeps the operator's head and feet cool and warm respectively. This improved air flow function keeps the inside of the cab comfortable throughout the year. Defroster function keeps front glass clear.



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 10262 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.



Pump/engine Room Partition

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

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, Sidewise and Rear Mirrors

Large side mirrors, sidewise and rear mirrors allow the PC160LC-8 to meet the visibility requirements (ISO 5006).



Rear View Monitoring System (optional)

The operator can view the rear of the machine with a color monitor screen.



Monitor for rear view camera

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 LCD that can easily be read at various angles and lighting conditions. Simple and easy to operate switches. Industry first 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"> Maximum production/power Fast cycle time
E	Economy mode	<ul style="list-style-type: none"> Excellent fuel economy
L	Lifting mode	<ul style="list-style-type: none"> Hydraulic pressure is increased by 7%
B	Breaker operation	<ul style="list-style-type: none"> Optimum engine rpm, hydraulic flow
ATT	Attachment mode	<ul style="list-style-type: none"> Optimum engine rpm, hydraulic flow, 2 way

Lifting Mode

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

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

Side-by-side Cooling

Since radiator, aftercooler and oil cooler are arranged in parallel, it is easy to clean, remove and install them. Radiator, aftercooler, and oil cooler made of aluminum have high cooling efficiency and are easily recycled.



Side-by-side Cooling

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

Removes water and contaminants in the fuel to prevent fuel problems. (With built-in priming pump)



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

Engine oil filter, fuel filter and fuel drain valve are remote mounted to improve accessibility.



Engine Oil Filter

Fuel Filter

Fuel Drain Valve

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.

Washable Cab Floormat

The PC160LC-8 's cab floormat is easy to keep clean. The gently inclined surface has a flanged floormat and drainage holes to facilitate runoff.

Sloping Track Frame

Prevents dirt and sand from accumulating and allows easy mud removal.

Gas Assisted Engine Hood Damper Cylinders

The engine hood can be easily opened and closed with the assistance of the gas assisted engine hood damper cylinders.



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

Air Conditioner Filter

The air conditioner filter is removed and installed without the use of tools facilitating filter maintenance.



Internal air conditioner filter



External air conditioner filter



SPECIFICATIONS



ENGINE

Model Komatsu SAA4D107E-1
 Type Water-cooled, 4-cycle, direct injection
 Aspiration Turbocharged, aftercooled
 Number of cylinders 4
 Bore **107 mm** 4.21"
 Stroke **124 mm** 4.88"
 Piston displacement **4.46 ltr** 272 in³
 Horsepower:
 SAE J1995 Gross **90 kW** 121 HP
 ISO 9249 / SAE J1349 Net **86 kW** 115 HP
 Rated rpm 2200 rpm
 Fan drive method for radiator cooling Mechanical
 Governor All-speed control, electronic
 U.S. 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 Variable displacement piston type
 Pumps for Boom, arm, bucket, swing, and travel circuits
 Maximum flow **312 ltr/min** 82.4 U.S. gal/min
 Supply for control circuit Self-reducing valve
 Hydraulic motors:
 Travel 2 x axial piston motor with parking brake
 Swing 1 x axial piston motor with swing holding brake
 Relief valve setting:
 Implement circuits **37.3 MPa** 380 kgf/cm² 5,400 psi
 Travel circuit **37.3 MPa** 380 kgf/cm² 5,400 psi
 Swing circuit **28.9 MPa** 295 kgf/cm² 4,195 psi
 Pilot circuit **3.2 MPa** 33 kgf/cm² 470 psi
 Hydraulic cylinders:
 (Number of cylinders – bore x stroke x rod diameter)
 Boom **2–110 mm x 1175 mm x 75 mm** 4.3" x 46.3" x 3.0"
 Arm **1–120 mm x 1342 mm x 85 mm** 4.7" x 52.8" x 3.3"
 Bucket: **1–105 mm x 1027 mm x 70 mm** 4.1" x 40.4" x 2.8"



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 12.0 rpm



BACKHOE BUCKET, ARM, AND BOOM COMBINATION

Bucket Capacity (heaped)		Width		Weight		Number of Teeth	Arm Length		
SAE J 296, PCSA	CECE	Without Side Cutters	With Side Cutters	With Side Cutters			2.25 m 7'5"	2.61 m 8'7"	2.9 m 9'6"
0.60 m ³ 0.78 yd ³	0.55 m ³ 0.72 yd ³	900 mm 35.4"	1000 mm 39.4"	474 kg 1,045 lb		5	○	○	○
0.65 m ³ 0.85 yd ³	0.60 m ³ 0.78 yd ³	966 mm 38.0"	1066 mm 42.0"	499 kg 1,100 lb		5	○	○	X
0.70 m ³ 0.92 yd ³	0.65 m ³ 0.85 yd ³	1100 mm 43.3"	—	504 kg 1,110 lb		5	○	○	X

○: General purpose use, density up to **1.8 ton/m³** 1.52 U.S. ton/yd³
 X: Not usable



DRIVES AND BRAKES

Steering control Two levers with pedals
 Drive method Hydrostatic
 Maximum drawbar pull **156 kN** 15950 kgf 35,160 lb
 Gradeability 70%, 35°
 Maximum travel speed: High **5.5 km/h** 3.4 mph
 (Auto-Shift) Low **3.4 km/h** 2.1 mph
 Service brake Hydraulic lock
 Parking brake Mechanical disc brake



UNDERCARRIAGE

Center frame X-frame
 Track frame Box-section
 Seal of track Sealed track
 Track adjuster Hydraulic
 Number of shoes (each side) 44
 Number of carrier rollers (each side) 2
 Number of track rollers (each side) 7



COOLANT AND LUBRICANT CAPACITY (REFILLING)

Fuel tank **280 ltr** 74 U.S. gal
 Coolant **18.5 ltr** 4.9 U.S. gal
 Engine **16.0 ltr** 4.2 U.S. gal
 Final drive, each side **3.3 ltr** 0.9 U.S. gal
 Swing drive **4.5 ltr** 1.2 U.S. gal
 Hydraulic tank **121 ltr** 32.0 U.S. gal



OPERATING WEIGHT (APPROXIMATE)

Operating weight including **5150 mm** 16'11" one-piece boom, **2610 mm** 8'7" arm, SAE heaped **0.65 m³** 0.85 yd³ backhoe bucket, rated capacity of lubricants, coolant, full fuel tank, operator, and standard equipment.

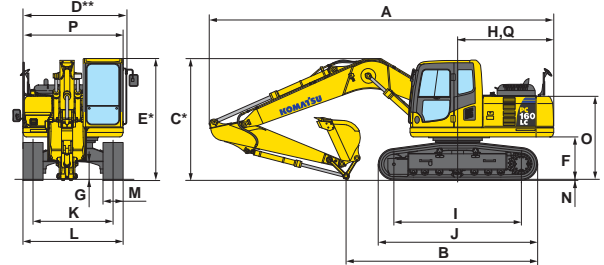
Shoes	PC160LC-8	
	Operating Weight	Ground Pressure
500 mm 19.7"	16680 kg 36,770 lb	47.7 kPa 0.49 kgf/cm ² 6.93 psi
600 mm 23.6"	16900 kg 37,260 lb	40.3 kPa 0.41 kgf/cm ² 5.84 psi
700 mm 27.6"	17120 kg 37,740 lb	35.0 kPa 0.36 kgf/cm ² 5.08 psi



DIMENSIONS

	Arm Length	2250 mm 7'5"	2610 mm 8'7"	2900 mm 9'6"
A	Overall length	8565 mm 28'1"	8565 mm 28'1"	8565 mm 28'1"
B	Length on ground (transport):	5130 mm 16'10"	4760 mm 15'7"	4565 mm 15'0"
C	Overall height (to top of boom)*	3015 mm 9'11"	3025 mm 9'11"	3125 mm 10'3"

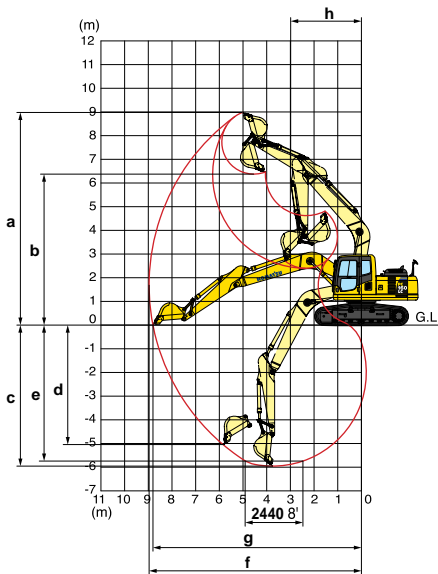
D	Overall width**	2590 mm 8'6"
E	Overall height (to top of cab)*	3030 mm 9'11"
F	Ground clearance, counterweight	1055 mm 3'6"
G	Ground clearance (minimum)	440 mm 1'5"
H	Tail swing radius	2435 mm 8'0"
I	Track length on ground	3170 mm 10'5"
J	Track length	3965 mm 13'0"
K	Track gauge	1990 mm 6'6"
L	Width of crawler	2490 mm 8'2"
M	Shoe width	500 mm 19.7"
N	Grouser height	26 mm 1.0"
O	Machine cab height	2065 mm 6'9"
P	Machine cab width	2490 mm 8'2"
Q	Distance, swing center to rear end	2390 mm 7'10"



* : Including grouser height ** : Including handrail



WORKING RANGE



	Arm	2250 mm 7'5"	2610 mm 8'7"	2900 mm 9'6"
a	Max. digging height	8910 mm 29'3"	8980 mm 29'6"	9130 mm 29'11"
b	Max. dumping height	6280 mm 20'7"	6370 mm 20'11"	6525 mm 21'5"
c	Max. digging depth	5610 mm 18'5"	5960 mm 19'6"	6250 mm 20'6"
d	Max. vertical wall digging depth	4860 mm 15'11"	5040 mm 16'6"	5320 mm 17'5"
e	Max. digging depth of cut for 8° level	5375 mm 17'8"	5740 mm 18'10"	6050 mm 19'10"
f	Max. digging reach	8680 mm 28'6"	8960 mm 29'5"	9235 mm 30'4"
g	Max. digging reach at ground level	8510 mm 27'11"	8800 mm 28'10"	9075 mm 29'9"
h	Min. swing radius	3040 mm 10'0"	2990 mm 9'10"	2995 mm 9'10"
SAE rating	Bucket digging force at power max.	109 kN 11100 kgf/24,470 lb	109 kN 11100 kgf/24,470 lb	109 kN 11100 kgf/24,470 lb
	Arm crowd force at power max.	91.2 kN 9300 kgf/20,500 lb	83.4 kN 8500 kgf/18,740 lb	77.5 kN 7900 kgf/17,420 lb
ISO rating	Bucket digging force at power max.	123 kN 12500 kgf/27,560 lb	123 kN 12500 kgf/27,560 lb	123 kN 12500 kgf/27,560 lb
	Arm crowd force at power max.	95.1 kN 9700 kgf/21,380 lb	86.3 kN 8800 kgf/19,400 lb	79.4 kN 8100 kgf/17,860 lb



STANDARD EQUIPMENT

- Air conditioner with defroster
- Alternator, 35 Ampere, 24 V
- Auto-decel
- Automatic engine warm-up system
- Batteries, 64 Ah / 2 x 12 V
- Boom holding valve
- Counterweight
- Dry type air cleaner, double element
- Electric horn
- Engine, Komatsu SAA4D107E-1
- Engine overheat prevention system
- Equipment Management Monitoring System
- Fan guard structure
- Hydraulic track adjusters (each side)
- Long lubricating intervals for work equipment bushing (500 hours)
- Multi-function color monitor
- Power maximizing system
- Pressure Proportional Control (PPC) hydraulic control system
- Radiator and oil cooler dustproof net
- Rear reflector
- Rearview mirrors (RH, LH, rear, sidewise)
- ROPS cab (ISO 12117-2)
- Seat belt 50 mm 2", retractable
- Slip-resistant plates
- Starting motor, 4.5 kW/24 V x 1
- Suction fan
- Track guiding guard, center section
- Track roller: 7 each side
- Track shoe: 500 mm 19.7" triple grouser
- Travel alarm
- Working light, 2 (boom and RH)
- Working mode selection system

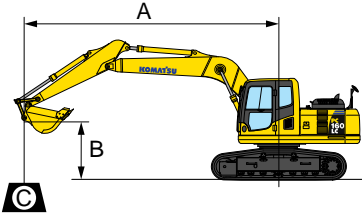


OPTIONAL EQUIPMENT

- Alternator, 60 Ampere, 24 V
- Arms
 - 2900 mm 9'6" arm assembly
 - 2610 mm 8'7" arm assembly
 - 2250 mm 7'5" arm assembly
- Batteries, large capacity
- Bolt-on top guard level 2 (ISO 10262)
- Boom, 5150 mm 16'11"
- Cab accessories
 - Rain visor
 - Sun visor
- Cab front guard
 - Full height guard
 - Half height guard
- Rear view monitoring system
- Seat, suspension
- Service valve
- Shoes, triple grouser
 - 600 mm 23.6"
 - 700 mm 27.6"
- Track frame undercover
- Working lights
 - 2 on cab
 - 1 on counterweight



LIFTING CAPACITY WITH LIFTING MODE ON MULTI-FUNCTION COLOR MONITOR



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

Conditions:

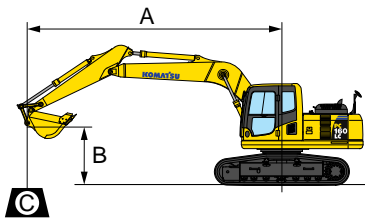
- 5150 mm 16'11" one-piece boom
- 0.65 m³ 0.85 yd³ SAE heaped bucket
- Shoe width: 500 mm 19.7" triple grouser

	A	⊗ MAX		7.5 m 24'		6.0 m 19'		4.5 m 14'		3.0 m 9'		1.5 m 4'	
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
Arm length 2610 mm 8'7"	7.5 m 24'	*2200 kg *4,900 lb	*2200 kg *4,900 lb										
	6.0 m 19'	*2000 kg *4,400 lb	*2000 kg *4,400 lb			*3350 kg *7,400 lb	2900 kg 6,400 lb						
	4.5 m 14'	*2000 kg *4,400 lb	1900 kg 4,200 lb			*4200 kg *9,200 lb	2850 kg 6,300 lb						
	3.0 m 9'	*2050 kg *4,600 lb	1650 kg 3,700 lb	3050 kg 6,700 lb	1800 kg 4,000 lb	4500 kg 9,900 lb	2750 kg 6,000 lb	*5900 kg *13,000 lb	4400 kg 9,700 lb	*8700 kg *19,200 lb	8450 kg 18,600 lb		
	0 m 0'	*2650 kg *5,900 lb	1600 kg 3,500 lb	2900 kg 6,400 lb	1700 kg 3,700 lb	4150 kg 9,200 lb	2450 kg 5,400 lb	6600 kg 14,600 lb	3750 kg 8,300 lb	*7350 kg *16,200 lb	6950 kg 15,400 lb		
	-3.0 m -9'	3800 kg 8,400 lb	2200 kg 4,900 lb			4100 kg 9,100 lb	2400 kg 5,300 lb	6500 kg 14,400 lb	3650 kg 8,100 lb	*11150 kg *24,500 lb	7050 kg 15,600 lb	*9200 kg *20,300 lb	*9200 kg *20,300 lb
	-4.5 m -14'	*4950 kg *11,000 lb	3450 kg 7,600 lb					*5550 kg *12,200 lb	3850 kg 8,500 lb	*8200 kg *18,000 lb	7350 kg 16,200 lb		
	Arm length 2900 mm 9'6"	7.5 m 24'	*1900 kg *4,200 lb	*1900 kg *4,200 lb									
6.0 m 19'		*1750 kg *3,800 lb	*1750 kg *3,800 lb			*3250 kg *7,200 lb	2950 kg 6,500 lb						
4.5 m 14'		*1700 kg *3,800 lb	*1700 kg *3,800 lb	*2250 kg *4,900 lb	1850 kg 4,100 lb	*3900 kg *8,600 lb	2850 kg 6,300 lb						
3.0 m 9'		*1800 kg *3,900 lb	1550 kg 3,400 lb	3050 kg 6,700 lb	1800 kg 4,000 lb	4500 kg 9,900 lb	2700 kg 6,000 lb	*5500 kg *12,200 lb	4400 kg 9,700 lb	*7850 kg *17,300 lb	*7850 kg *17,300 lb		
0 m 0'		*2250 kg *5,000 lb	1450 kg 3,200 lb	2850 kg 6,300 lb	1650 kg 3,600 lb	4100 kg 9,100 lb	2400 kg 5,300 lb	6600 kg 14,500 lb	3700 kg 8,200 lb	*7650 kg *16,900 lb	6950 kg 15,300 lb		
-3.0 m -9'		3450 kg 7,600 lb	1950 kg 4,400 lb			4050 kg 8,900 lb	2300 kg 5,100 lb	6400 kg 14,200 lb	3600 kg 7,900 lb	*11500 kg *25,300 lb	6900 kg 15,300 lb	*8400 kg *18,500 lb	*8400 kg *18,500 lb
-4.5 m -14'		*4800 kg *10,600 lb	2950 kg 6,500 lb					*6050 kg *13,300 lb	3700 kg 8,200 lb	*8900 kg *19,600 lb	7200 kg 15,800 lb		
Arm length 2250 mm 7'5"		7.5 m 24'	*2700 kg *6,000 lb	*2700 kg *6,000 lb									
	6.0 m 19'	*2400 kg *5,300 lb	*2400 kg *5,300 lb			*3250 kg *7,200 lb	2850 kg 6,300 lb						
	4.5 m 14'	*2350 kg *5,200 lb	2050 kg 4,600 lb			*4450 kg *9,800 lb	2850 kg 6,200 lb	*5000 kg *11,000 lb	4650 kg 10,200 lb				
	3.0 m 9'	*2450 kg *5,400 lb	1800 kg 4,000 lb			4450 kg 9,800 lb	2700 kg 6,000 lb	*6300 kg *13,900 lb	4300 kg 9,500 lb	*9700 kg *21,400 lb	8150 kg 18,000 lb		
	0 m 0'	2950 kg 6,600 lb	1700 kg 3,800 lb			4150 kg 9,200 lb	2400 kg 5,400 lb	6550 kg 14,500 lb	3750 kg 8,200 lb	*6750 kg *14,900 lb	*6750 kg *14,900 lb		
	-3.0 m -9'	4200 kg 9,300 lb	2450 kg 5,400 lb					6550 kg 14,500 lb	3700 kg 8,200 lb	*10500 kg *23,100 lb	7100 kg 15,700 lb	*10250 kg *22,700 lb	*10250 kg *22,700 lb
	-4.5 m -14'	*4850 kg *10,700 lb	4200 kg 9,200 lb							*7050 kg *15,600 lb	*7050 kg *15,600 lb		

* Load is limited by hydraulic capacity rather than tipping. Ratings are based on SAE J1097. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.



LIFTING CAPACITY WITH LIFTING MODE ON MULTI-FUNCTION COLOR MONITOR



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

Conditions:

- 5150 mm 16'11" one-piece boom
- 0.65 m³ 0.85 yd³ SAE heaped bucket
- Shoe width: 600 mm 23.6" triple grouser

	A	⊗ MAX		7.5 m 24'		6.0 m 19'		4.5 m 14'		3.0 m 9'		1.5 m 4'	
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
Arm length 2610 mm 8'7"	7.5 m 24'	*2200 kg *4,900 lb	*2200 kg *4,900 lb										
	6.0 m 19'	*2000 kg *4,400 lb	*2000 kg *4,400 lb			*3350 kg *7,400 lb	2950 kg 6,500 lb						
	4.5 m 14'	*2000 kg *4,400 lb	1950 kg 4,300 lb			*4200 kg *9,200 lb	2900 kg 6,400 lb						
	3.0 m 9'	*2050 kg *4,600 lb	1700 kg 3,800 lb	3100 kg 6,800 lb	1850 kg 4,100 lb	4550 kg 10,100 lb	2750 kg 6,100 lb	*5900 kg *13,000 lb	4450 kg 9,800 lb	*8700 kg *19,200 lb	8550 kg 18,900 lb		
	0 m 0'	*2650 kg *5,900 lb	1650 kg 3,600 lb	2950 kg 6,500 lb	1700 kg 3,800 lb	4200 kg 9,300 lb	2450 kg 5,400 lb	6700 kg 14,800 lb	3800 kg 8,400 lb	*7350kg *16,200 lb	7050 kg 15,600 lb		
	-3.0 m -9'	3850 kg 8,500 lb	2250 kg 4,900 lb			4150 kg 9,200 lb	2400 kg 5,300 lb	6600 kg 14,600 lb	3750 kg 8,200 lb	*11150 kg *24,500 lb	7150 kg 15,800 lb	*9200 kg *20,300 lb	*9200 kg *20,300 lb
	-4.5 m -14'	*4950 kg *11,000 lb	3500 kg 7,800 lb					*5550 kg *12,200 lb	3900 kg 8,600 lb	*8200 kg *18,000 lb	7450 kg 16,400 lb		
	Arm length 2900 mm 9'6"	7.5 m 24'	*1900 kg *4,200 lb	*1900 kg *4,200 lb									
6.0 m 19'		*1750 kg *3,800 lb	*1750 kg *3,800 lb			*3250 kg *7,200 lb	3000 kg 6,600 lb						
4.5 m 14'		*1700 kg *3,800 lb	*1700 kg *3,800 lb	*2250 kg *4,900 lb	1900 kg 4,100 lb	*3900 kg *8,600 lb	2900 kg 6,400 lb						
3.0 m 9'		*1800 kg *3,900 lb	1550 kg 3,500 lb	3100 kg 6,800 lb	1850 kg 4,000 lb	*4550 kg *10,000 lb	2750 kg 6,100 lb	*5500 kg *12,200 lb	4450 kg 9,900 lb	*7850 kg *17,300 lb	*7850 kg *17,300 lb		
0 m 0'		*2250 kg *5,000 lb	1500 kg 3,300 lb	2900 kg 6,400 lb	1650 kg 3,700 lb	4200 kg 9,200 lb	2450 kg 5,400 lb	6650 kg 14,700 lb	3800 kg 8,300 lb	*7650 kg *16,900 lb	7050 kg 15,500 lb		
-3.0 m -9'		3500 kg 7,700 lb	2000 kg 4,400 lb			4100 kg 9,000 lb	2350 kg 5,200 lb	6500 kg 14,400 lb	3650 kg 8,000 lb	*11500 kg *25,300 lb	7000 kg 15,500 lb	*8400 kg *18,500 lb	*8400 kg *18,500 lb
-4.5 m -14'		*4800 kg *10,600 lb	3000 kg 6,600 lb					*6050 kg *13,300 lb	3800 kg 8,300 lb	*8900 kg *19,600 lb	7300 kg 16,000 lb		
Arm length 2250 mm 7'5"		7.5 m 24'	*2700 kg *6,000 lb	*2700 kg *6,000 lb									
	6.0 m 19'	*2400 kg *5,300 lb	*2400 kg *5,300 lb			*3250 kg *7,200 lb	2900 kg 6,400 lb						
	4.5 m 14'	*2350 kg *5,200 lb	2100 kg 4,600 lb			*4450 kg *9,800 lb	2850 kg 6,300 lb	*5000 kg *11,000 lb	4700 kg 10,400 lb				
	3.0 m 9'	2450 kg 5,400 lb	1800 kg 4,000 lb			4500 kg 10,000 lb	2750 kg 6,000 lb	*6300 kg *13,900 lb	4350 kg 9,600 lb	*9700 kg *21,400 lb	8250 kg 18,200 lb		
	0 m 0'	3000 kg 6,700 lb	1750 kg 3,900 lb			4200 kg 9,300 lb	2450 kg 5,400 lb	6650 kg 14,700 lb	3800 kg 8,400 lb	*6750 kg *14,900 lb	*6750 kg *14,900 lb		
	-3.0 m -9'	4250 kg 9,400 lb	2500 kg 5,500 lb					6650 kg 14,700 lb	3750 kg 8,300 lb	*10500 kg *23,100 lb	7200 kg 15,900 lb	*10250 kg *22,700 lb	*10250 kg *22,700 lb
	-4.5 m -14'	*4850 kg *10,700 lb	4250 kg 9,300 lb							*7050 kg *15,600 lb	*7050 kg *15,600 lb		

* Load is limited by hydraulic capacity rather than tipping. Ratings are based on SAE J1097. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.

KOMATSU[®]