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

www.Komatsu.com

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KOMATSU®

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WALK-AROUND

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Gross: 90 kW 121 HP @ 2200 rpm
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OPERATING WEIGHT
16680 – 17120 kg
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BUCKET CAPACITY
0.60 – 0.70 m³
0.78 – 0.92 yd³

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 EPA Tier 3 and EU Stage 3A emissions regulations 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

- Cab dedicated to hydraulic excavator for protecting the operator in the event of a roll over accident.
- Anti-slip 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)
- OPG top guard level 2 capable with optional bolt-on top guard

See page 7.

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 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.

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.

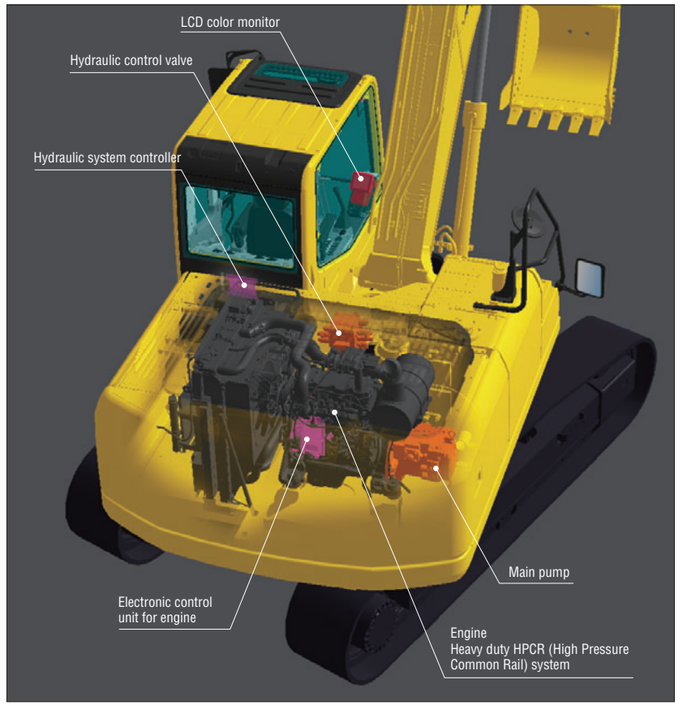
See page 6.

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 EPA Tier 3 emission regulations and EU Stage 3A emission regulations 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.

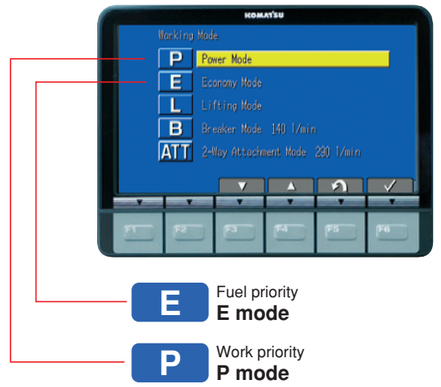
Working Modes Selectable

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 CO_2 emissions and efficient fuel consumption.

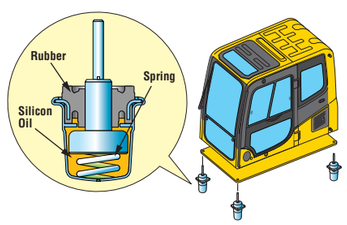
WORKING ENVIRONMENT

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.



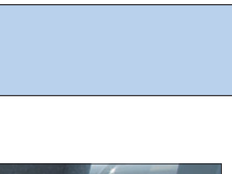
Wide Newly-designed Cab

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.

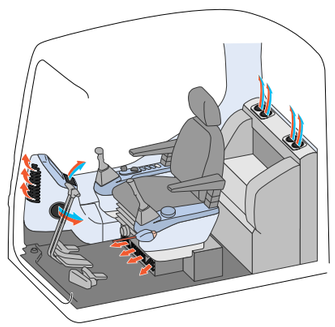
Pressurized Cab

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



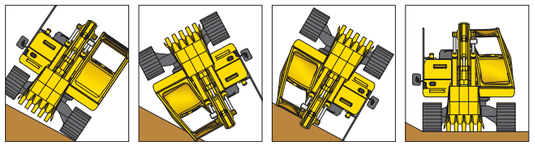
Enables you to easily and precisely set cab atmosphere with the instruments on the large LCD.
The bi-level control function keeps the operator's head and feet cool and warm respectively. This improved air flow function keeps the inside of the cab comfortable throughout the year. Defroster function keeps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



Safety Features

Cab Dedicated to Hydraulic Excavator

The cab is designed specifically for hydraulic excavators and gains reinforced strength from the pipe-structured cab framework. The cab framework provides the high durability and impact resistance with very high impact absorbency. The seat belt keeps the operator in the seat of the cab during a roll over.



Anti-slip Plates

Highly durable anti-slip 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 new ISO visibility requirements.

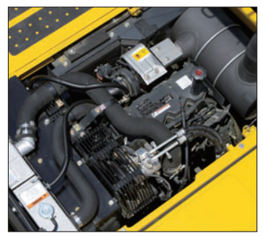
Rear View Monitoring System (optional)

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

Monitor for rear view camera

Thermal and Fan Guards

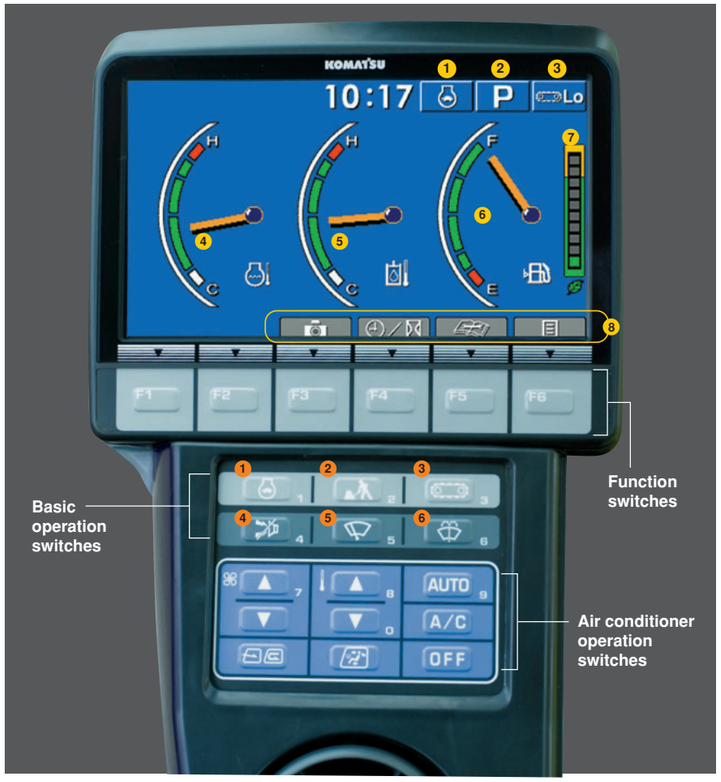
Thermal and fan guards are placed around high-temperature parts of the engine and fan drive.



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 TFT liquid crystal display 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
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	● Maximum production/power ● Fast cycle time
E	Economy mode	● Excellent fuel economy
L	Lifting mode	● Hydraulic pressure is increased by 7%
B	Breaker operation	● Optimum engine rpm, hydraulic flow
ATT	Attachment mode	● Optimum engine rpm, hydraulic flow, 2 way

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.

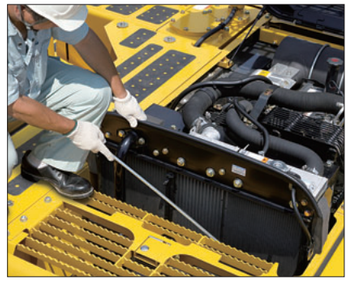
Trouble Data Memory Function

Monitor stores abnormalities for effective troubleshooting.

MAINTENANCE FEATURES

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

EPA Tier 3 and EU Stage 3A emissions certified

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 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 . . . . . **28.4 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

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/cm² 6.93 psi
600 mm 23.6"	**16900 kg** 37,260 lb	**40.3 kPa** 0.41 kgf/cm² 5.84 psi
700 mm 27.6"	**17120 kg** 37,740 lb	**35.0 kPa** 0.36 kgf/cm² 5.08 psi

BACKHOE BUCKET, ARM, AND BOOM COMBINATION

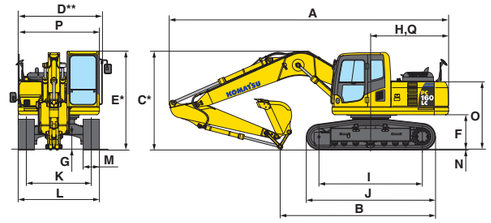
Bucket Capacity (heaped)				Width				Weight		Number of Teeth	Arm Length		
SAE, PCSA		CECE		Without Side Cutters		With Side Cutters		With Side Cutters			**2.25 m** 7'5"	**2.61 m** 8'7"	**2.9 m** 9'6"
0.60 m³	0.78 yd³	**0.55 m³**	0.72 yd³	**900 mm**	35.4"	**1000 mm**	39.4"	**474 kg**	1,045 lb	5	○	○	○
0.65 m³	0.85 yd³	**0.60 m³**	0.78 yd³	**966 mm**	38.0"	**1066 mm**	42.0"	**499 kg**	1,100 lb	5	○	○	X
0.70 m³	0.92 yd³	**0.65 m³**	0.85 yd³	**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

DIMENSIONS

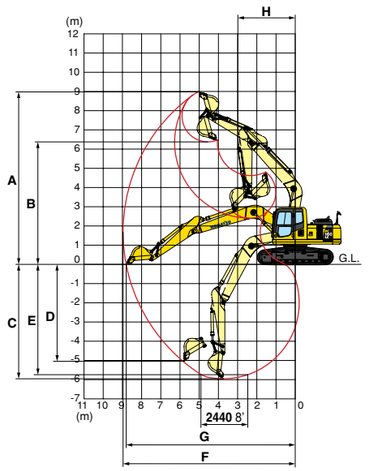
		Arm Length					
		2250 mm	7'5"	**2610 mm**	8'7"	**2900 mm**	9'6"
A	Overall length	**8565 mm**	28'1"	**8565 mm**	28'1"	**8565 mm**	28'1"
B	Length on ground (transport):	**5130 mm**	16'10"	**4760 mm**	15'7"	**4565 mm**	15'0"
C	Overall height (to top of boom)*	**3015 mm**	9'11"	**3025 mm**	9'11"	**3125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

D	Overall width**	**2590 mm**	8'6"
E	Overall height (to top of cab)*	**3030 mm**	9'10"
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	

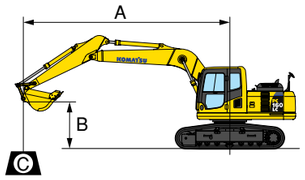
STANDARD EQUIPMENT

- Air conditioner with defroster
- Alternator, 35 Ampere, 24 V
- Anti-slip plates
- Auto-decel
- Automatic engine warm-up system
- Batteries, 64 Ah / 2 x 12 V
- Boom holding valve
- Cab, capable FOG with optional bolt-on top guard
- 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
- PPC hydraulic control system
- Radiator and oil cooler dustproof net
- Rear reflector
- Rearview mirrors (RH, LH, rear, sidewise)
- Seat belt **50 mm** 2", retractable
- 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, [Operator Protective Guards level 2 (FOG)]
- 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

Arm length **2610 mm** 8'7"

B \ 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
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		

Arm length **2900 mm** 9'6"

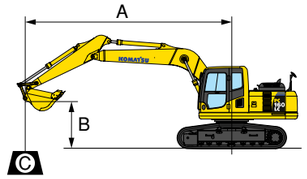
B \ A	MAX		**7.5 m** 24'		**6.0 m** 19'		**4.5 m** 14'		**3.0 m** 9'		**1.5 m** 4'	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.5 m 24'	***1900 kg** *4,200 lb	***1900 kg** *4,200 lb										
6.0 m 19'	***1750 kg** *3,800 lb	***1750 kg** *3,800 lb			***3250 kg** *7,200 lb	**2950 kg** 6,500 lb						
4.5 m 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		

Arm length **2250 mm** 7'5"

B \ 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
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 Standard No. 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 / B	⊗ 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		

	A / B	⊗ 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 **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		

	A / B	⊗ 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 **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 Standard No. J1097. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.