

KOMATSU®

PC160LC-7 With Tier 3 Engine

FLYWHEEL HORSEPOWER

86 kW **115 HP** @ 2200 rpm

OPERATING WEIGHT

16620–17140 kg

36,640–37,790 lb

BUCKET CAPACITY

0.37–0.95 m³ **0.48–1.24 yd³**

**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 EPA Tier 3 and EU Stage 3A emissions certified, without sacrificing power or machine productivity.

- Economy mode improves fuel consumption.

● **Low Operation Noise**

The dynamic noise is reduced compared with the previous model.

Productivity Features

● **Large Drawbar Pull**

provides superb steering and slope climbing performance.

● **Higher Lifting Capacity**

Lifting mode is provided for superb lifting operation.

Other Features

- Slip resistant plates for improved foot traction
- Travel alarm
- Large left and right side mirrors with additional sidewise and rear mirror



Large Comfortable Cab

- Low noise design
- Low vibration with cab damper mounting
- Highly pressurized cab with automatic air conditioner



KOMTRAX equipped machines can send location, SMR and operation maps to a secure website utilizing wireless technology. Machines also relay error codes, cautions, maintenance items, fuel levels, and much more.

FLYWHEEL HORSEPOWER

86 kW 115 HP @ 2200 rpm

OPERATING WEIGHT

16620 – 17140 kg

36,640 – 37,790 lb**BUCKET CAPACITY**0.37 – 0.95 m³**0.48 – 1.24 yd³*****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 concept enables independent removal and installation of those two components
- Easy access to engine oil filter, fuel filter, and fuel drain valve
- Fuel filter is remotely mounted to improve accessibility
- Equipped with KOMTRAX®
- Equipped with the EMMS monitoring system

Multi-function Color Monitor

- Four working modes designed to match engine speed, pump delivery, and system pressure
- Power mode for maximum production/power
- Breaker mode for optimum engine rpm, hydraulic flow, and pressure
- Economy mode for lower fuel consumption and noise
- Lifting mode for high lifting capacity

Excellent Reliability and Durability

- High rigidity work equipment
- Sturdy frame structure
- Reliable Komatsu manufactured major components
- Highly reliable electronic devices
- Strengthened undercarriage that utilizes 22-ton class components

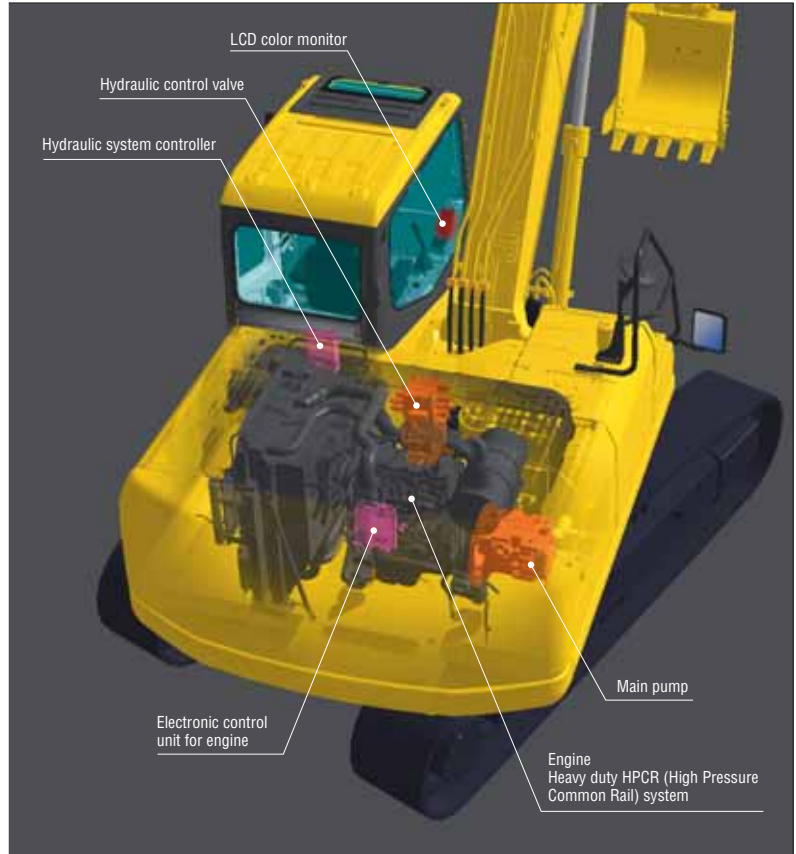


ECOLOGY & ECONOMY FEATURES

Komatsu Technology



Komatsu develops and produces all major components, such as engines, electronics, and hydraulic components, in house. With this “Komatsu Technology,” and added 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 is EPA Tier 3 and EU stage 3A emission certified and reduced NOx emission by 30% compared with the previous model.



Low Operational Noise

The low-noise emitting engine and methods to reduce the noise at the source enable low noise operation.



LCD Multi-function Color Monitor

Working Mode Selection

The PC160LC-7 excavator is equipped with four working modes (P, E, L and B mode). Each mode is designed to match engine speed, pump speed, and system pressure with the current application. This provides the flexibility to match equipment performance to the job at hand.

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 mode	<ul style="list-style-type: none"> • Optimum engine rpm, hydraulic flow for breaker operation



Economy Mode

Economy mode is environmentally friendly. Fuel consumption is reduced 13% (compared with the previous model in Active mode).

Lifting Mode

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

Breaker Mode

Flow can be adjusted from the cab to match various attachment requirements.

Productivity Features

Larger Maximum Drawbar Pull

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

Maximum drawbar pull: 156 kN 15950 kgf **35,160 lb.**



Power Max Function

This function temporarily increases digging force by 7% for added power in tough situations.



Larger Lifting Capacity

Lifting capacity is increased by the improved lateral stability of the long track and the lifting mode feature.

WORKING ENVIRONMENT

PC160LC-7 cab interior is spacious and provides a comfortable working environment...

Large Comfortable Cab

Multi-Position Controls

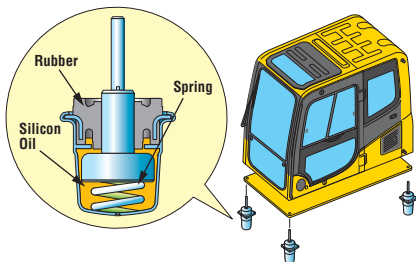
The multi-position, PPC (pressure proportional control) levers allow the operator to work in comfort while maintaining precise control. A double-slide mechanism allows the seat and controllers to move together or independently, allowing the operator to position the seat and controllers for maximum productivity and comfort.

Low Cab Noise

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

Low Vibration with Cab Damper Mounting

PC160LC-7 uses multi-layer viscous mount system that incorporates a longer stroke and adds a spring. The new cab damper mounting combined with high rigidity deck aids vibration reduction at the operator's seat.



Seat Sliding Amount: 340 mm 13.4", increased 120 mm 4.7"

Comfortable Cab

A wide spacious cab includes seat with reclining backrest. The seat height and longitudinal inclination are easily adjusted using a pull-up lever. Reclining the seat further enables you to place it into the fully flat state with the headrest attached.

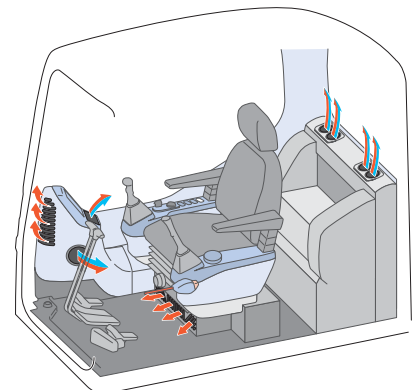


Pressurized Cab

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

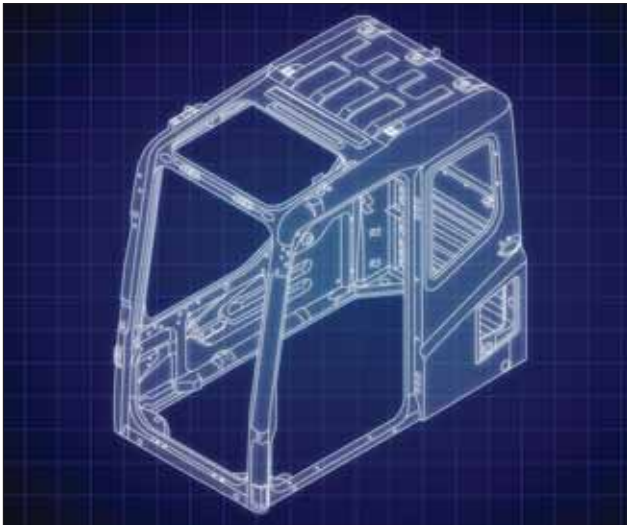
Automatic Air Conditioner

A 6,900 kcal **27,400 Btu** air conditioner is utilized. The bi-level control function keeps the inside of the cab comfortable from top to bottom throughout the year. The defroster function keeps cab glass clear.

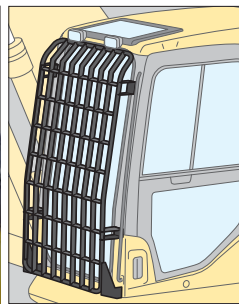


Cab

The newly designed, fully pressed, and reinforced cab is manufactured by solid press forming process to attain an ideal strong frame structure having high rigidity.



OPG Level 2 Top Guard (optional)



Front Full Guard Level 2 (optional)

Wide Visibility

The right side window pillar has been removed and the rear pillar reshaped to provide better visibility.



Slip-Resistant Plates

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



Lock Lever

Makes all hydraulic cab controls inoperable. Neutral start function allows the machine to be started only in the lock position.



Large Side-view, Rear, and Sidewise Mirrors

Enlarged left-side mirror and addition of rear and side mirrors enhance visibility.



Pump/Engine Room Partition

Bulk head wall separates the engine and pump rooms.

Thermal and Fan Guards

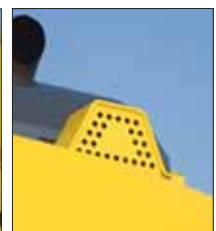
Thermal and fan guards are placed around high-temperature parts of the engine and fan drive.



Large Serrated Steps



Large Hand Rail



Travel Alarm

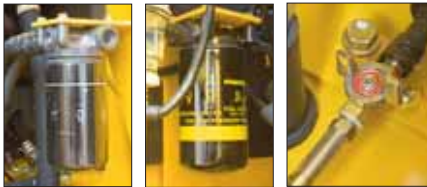
MAINTENANCE FEATURES

Easy Maintenance

Komatsu designed the PC160LC-7 to have easy service access. We know by doing this, routine maintenance and servicing are less likely to be skipped, which can mean a reduction in costly downtime later on. Here are some of the many service features found on the PC160LC-7.

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

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



Engine Oil Filter

Fuel Filter

Fuel Drain Valve

Side-by-side Cooling Modules

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)



Equipped with the Eco-drain Valve as Standard

Enables easier and cleaner engine oil changes.

Maintenance Costs Reduced

Long Replacement Interval of Hydraulic Oil and Filter/Engine Oil and Filter

High performance filters are used in the hydraulic circuit and engine. Longer hydraulic oil, hydraulic oil filter, engine oil, and engine oil filter element replacement intervals significantly reduce maintenance costs.

Engine oil & engine oil filter every **500** hours

Hydraulic oil every **5000** hours

Hydraulic oil filter every **1000** hours



High-Pressure In-Line Filters

The PC160LC-7 has high pressure in-line filters installed at the pump discharge ports. This provides an additional level of hydraulic system protection.

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 120 mm **4.72"**
 Piston displacement 4.46 ltr **272 in³**
 Power rating
 Gross (SAEJ1995) 90 kW **121 HP** @ 2200 rpm
 Net (ISO 9249/SAEJ1349) 86 kW **115 HP** @ 2200 rpm
 Fan drive type Mechanical
 Governor All-speed control, electronic

EPA Tier 3 and EU Stage 3A emissions certified.



HYDRAULICS

Type .. HydraulMind (Hydraulic Mechanical Intelligence New Design), 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 **4,190 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
 Swing torque 4331 kg•m **31,314 ft lbs**



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**
 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 ltr **4.2 U.S. gal**
 Final drive, each side 3.5 ltr **0.9 U.S. gal**
 Swing drive 4.5 ltr **1.2 U.S. gal**
 Hydraulic tank 121 ltr **32 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		Operating Weight		Ground Pressure	
	mm	in	kg	lb	kg/cm ²	psi
600 mm	24"	16620	36,640	0.40	5.69	
700 mm	28"	16840	37,130	0.35	4.98	
800 mm	31.5"	17140	37,790	0.30	4.28	



WORKING FORCES

	Arm	2610 mm 8'7"	2900 mm 9'6"
SAE rating	Bucket digging force at power max.	109 kN 11100 kgf/ 24,470 lb	109 kN 11100 kgf/ 24,470 lb
	Arm crowd force at power max.	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
	Arm crowd force at power max.	86.3 kN 8800 kgf/ 19,400 lb	79.4 kN 8100 kgf/ 17,860 lb

PC160LC-7 HYDRAULIC EXCAVATOR

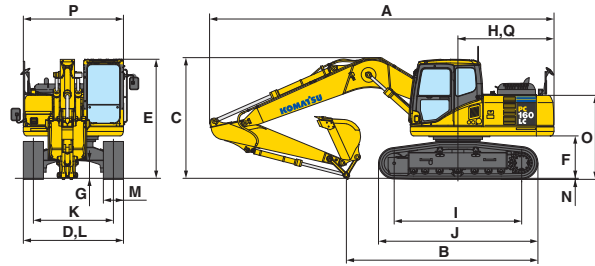
SPECIFICATIONS



DIMENSIONS

	Arm Length	2610 mm	8'7"	2900 mm	9'6"
A	Overall length	8565 mm	28'1"	8565 mm	28'1"
B	Length on ground (transport)	4760 mm	15'7"	4565 mm	15'0"
C	Overall height (to top of boom)	3000 mm	9'10"	31000 mm	10'2"
D	Overall width	2590 mm	8'6"		
E	Overall height (to top of cab)*	2970 mm	9'9"		
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	2590 mm	8'6"		
M	Shoe width	600 mm	24"		
N	Grouser height	26 mm	1.0"		
O	Height	2090 mm	6'10"		
P	Width	2490 mm	8'2"		
Q	Distance, swing center to rear end	2390 mm	7'10"		

* Excluding grouser height.



BACKHOE BUCKET, ARM, AND BOOM COMBINATION

Bucket Type	Bucket			Arms		
	Capacity	Width	Weight	2.6 m 8'7"	2.9 m 9'6"	
Komatsu GSK	0.37 m ³	0.48 yd³	508 mm 20"	410 kg 903 lb	V	V
	0.47 m ³	0.61 yd³	610 mm 24"	461 kg 1,017 lb	V	V
	0.62 m ³	0.81 yd³	762 mm 30"	526 kg 1,159 lb	V	V
	0.78 m ³	1.02 yd³	914 mm 36"	595 kg 1,312 lb	W	X
	0.95 m ³	1.24 yd³	1067 mm 42"	650 kg 1,432 lb	Y	Y
Komatsu HP	0.37 m ³	0.48 yd³	508 mm 20"	511 kg 1,126 lb	V	V
	0.47 m ³	0.61 yd³	610 mm 24"	572 kg 1,260 lb	V	V
	0.62 m ³	0.81 yd³	762 mm 30"	649 kg 1,431 lb	V	W
	0.78 m ³	1.02 yd³	914 mm 36"	735 kg 1,620 lb	X	X
	0.95 m ³	1.24 yd³	1067 mm 42"	806 kg 1,776 lb	Y	Z
Komatsu HPS	0.37 m ³	0.48 yd³	508 mm 20"	563 kg 1,241 lb	V	V
	0.47 m ³	0.61 yd³	610 mm 24"	635 kg 1,400 lb	V	V
	0.62 m ³	0.81 yd³	762 mm 30"	729 kg 1,607 lb	V	W
	0.78 m ³	1.02 yd³	914 mm 36"	831 kg 1,833 lb	X	Y
	0.95 m ³	1.24 yd³	1067 mm 42"	919 kg 2,027 lb	Z	Z

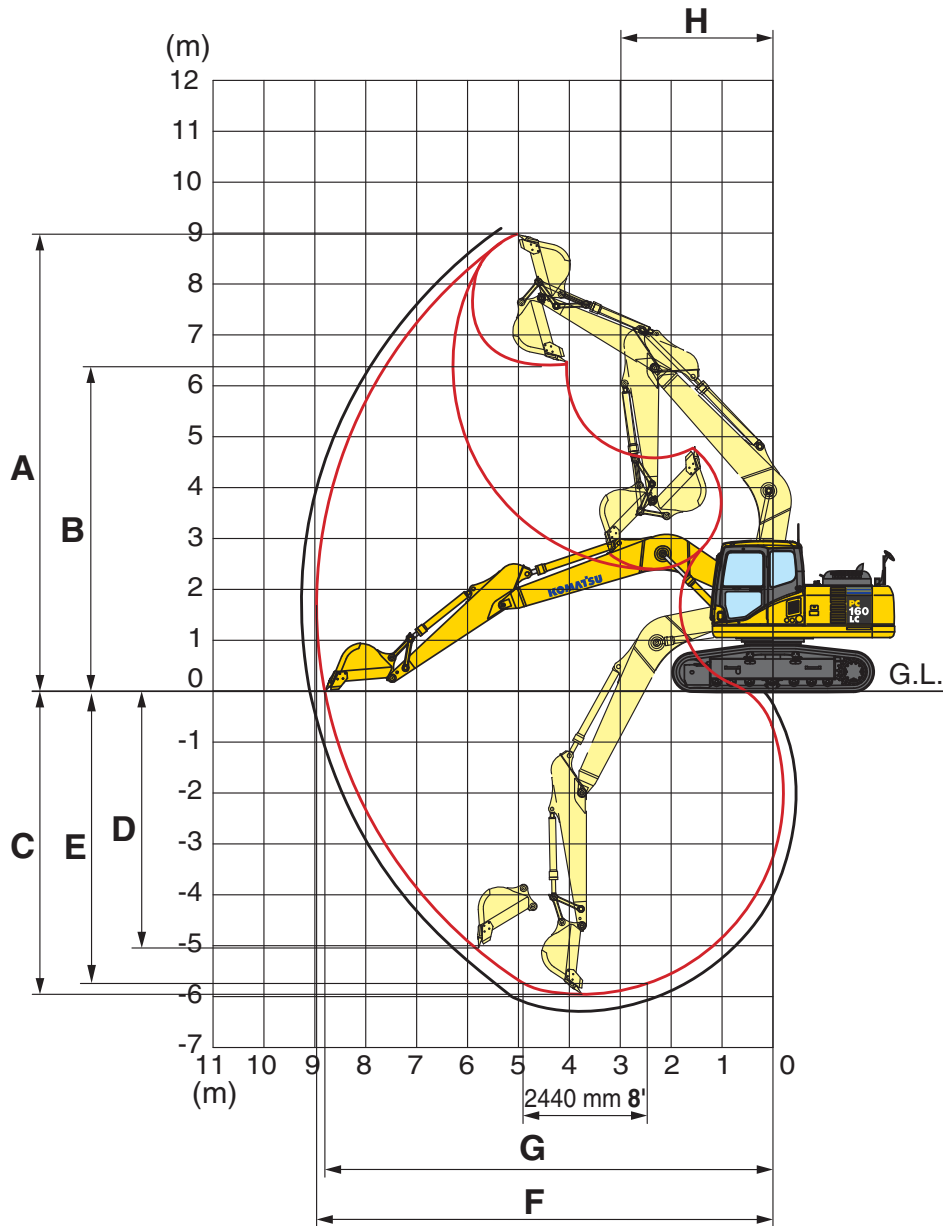
V – Used with densities up to 3,500 lb/yd³, W – Used with densities up to 3,000 lb/yd³

X – Used with densities up to 2,500 lb/yd³, Y – Used with densities up to 2,000 lb/yd³, Z – Not useable

WORKING RANGES



WORKING RANGE



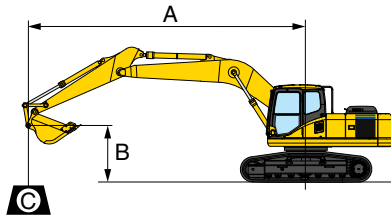
	Arm	2610 mm 8'7"	2900 mm 9'6"
A	Max. digging height	8980 mm 29'6"	9130 mm 29'11"
B	Max. dumping height	6370 mm 20'11"	6525 mm 21'5"
C	Max. digging depth	5960 mm 19'7"	6250 mm 20'6"
D	Max. vertical wall digging depth	5040 mm 16'6"	5320 mm 17'5"
E	Max. digging depth of cut for 8' level bottom	5740 mm 18'10"	6050 mm 19'10"
F	Max. digging reach	8960 mm 29'5"	9235 mm 30'4"
G	Max. digging reach at ground level	8800 mm 28'10"	9075 mm 29'9"
H	Min. swing radius	2990 mm 9'10"	2995 mm 9'10"

PC160LC-7 HYDRAULIC EXCAVATOR

LIFTING CAPACITIES



LIFTING CAPACITY



- 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:

- Arm: 2610 mm **8'7"**
- Boom length 5150 mm **16'11"**
- Bucket 0.65 m³ **0.85 yd³** (SAE heaped)
- Bucket weight: 500 kg **1,100 lb.**
- Lifting mode: On

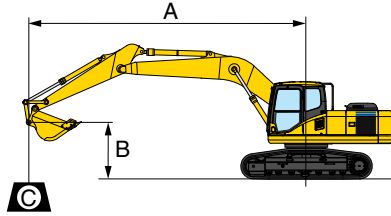
PC160LC-7		Shoe 600 mm 24"										Unit: kg/lb	
B	A	1.5 m 5'		3.0 m 10'		4.6 m 15'		6.1 m 20'		7.6 m 25'		☉ MAX	
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.6 m 25'												*2250 *5,000	*2250 *5,000
6.1 m 20'								*3050 *6,800	2850 6,300			*2000 *4,400	*2000 *4,400
4.6 m 15'								4150 *9,100	2850 6,200			*2000 *4,400	1950 4,300
3.0 m 10'				*8450 *18,600	8350 18,400	*5750 *12,700	4350 9,600	4450 9,800	2700 6,000	*2750 *6,100	1800 3,900	*2050 *4,600	1700 3,800
1.5 m 5'				*8500 *18,800	7300 16,100	6850 15,100	3950 8,800	4250 9,400	2550 5,600	2950 6,500	1700 3,800	*2250 *5,000	1600 3,500
0 m 0'				*7650 *16,900	6900 15,200	6550 14,400	3700 8,200	4100 9,100	2400 5,300	2900 6,400	1650 3,700	*2650 *5,900	1650 3,600
-1.5 m -5'		*5900 *13,000	*5900 *13,000	*10500 *23,200	6850 15,100	6400 14,100	3600 8,000	4050 8,900	2350 5,200			3150 6,900	1800 4,000
-3.0 m -10'		*9400 *20,700	*9400 *20,700	*10900 *24,100	6950 15,400	6450 14,200	3650 8,000	4100 9,000	2350 5,200			3900 8,600	2250 5,000
-4.6 m -15'				*7900 *17,400	7250 16,000	*5250 *11,500	3800 8,400					*4950 *10,900	3650 8,000

PC160LC-7		Shoe 700 mm 28"										Unit: kg/lb	
B	A	1.5 m 5'		3.0 m 10'		4.6 m 15'		6.1 m 20'		7.6 m 25'		☉ MAX	
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.6 m 25'												*2250 *5,000	*2250 *5,000
6.1 m 20'								*3050 *6,800	2900 6,400			*2000 *4,400	*2000 *4,400
4.6 m 15'								*4150 *9,100	2850 6,300			*2000 *4,400	*2000 *4,400
3.0 m 10'				*8450 *18,600	*8450 *18,600	*5750 *12,700	4400 9,700	4500 9,900	2750 6,000	*2750 *6,100	1800 4,000	*2050 *4,600	1750 3,800
1.5 m 5'				*8500 *18,800	7400 16,300	6900 15,300	4050 8,900	4350 9,500	2600 5,700	3000 6,600	1750 3,900	*2250 *5,000	1650 3,600
0 m 0'				*7650 *16,900	7000 15,400	6650 14,600	3800 8,300	4200 9,200	2450 5,400	2950 6,500	1700 3,700	*2650 *5,900	1650 3,700
-1.5 m -5'		*5900 *13,000	*5900 *13,000	*10500 *23,200	6950 15,300	6500 14,300	3650 8,100	4100 9,100	2400 5,300			3200 7,000	1850 4,100
-3.0 m -10'		*9400 *20,700	*9400 *20,700	*10900 *24,100	7050 15,600	6550 14,400	3700 8,200	4150 9,100	2400 5,300			3950 8,700	2300 5,100
-4.6 m -15'				*7900 *17,400	7350 16,200	*5250 *11,500	3900 8,600					*4950 *10,900	3700 8,100

*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



- 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:

- Arm: 2610 mm **8'7"**
- Boom length 5150 mm **16'11"**
- Bucket 0.65 m³ **0.85 yd³** (SAE heaped)
- Bucket weight: 500 kg **1,100 lb.**
- Lifting mode: On

PC160LC-7		Shoe 800 mm 31.5"										Unit: kg/lb	
B	A	1.5 m 5'		3.0 m 10'		4.6 m 15'		6.1 m 20'		7.6 m 25'		⊗ MAX	
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.6 m 25'												*2250 *5,000	*2250 *5,000
6.1 m 20'								*3050 *6,800	2950 6,500			*2000 *4,400	*2000 *4,400
4.6 m 15'								*4150 *9,100	2900 6,400			*2000 *4,400	*2000 *4,400
3.0 m 10'			*8450 *18,600	*8450 *18,600	*5750 *12,700	4450 9,800	4550 10,100	2750 6,100	*2750 *6,100	1850 4,100		*2050 *4,600	1750 3,900
1.5 m 5'			*8500 *18,800	7500 16,500	7000 15,500	4100 9,000	4400 9,700	2600 5,800	3050 6,700	1800 3,900		*2250 *5,000	1650 3,700
0 m 0'			*7650 *16,900	7100 15,600	6700 14,800	3850 8,500	4250 9,400	2500 5,500	3000 6,600	1750 3,800		*2650 *5,900	1700 3,700
-1.5 m -5'		*5900 *13,000	*5900 *13,000	*10500 *23,200	7050 15,500	6600 14,600	3750 8,200	4200 9,200	2400 5,300			3250 7,100	1850 4,100
-3.0 m -10'		*9400 *20,700	*9400 *20,700	*10900 *24,100	7150 15,800	6650 14,600	3750 8,300	4200 9,300	2450 5,400			4000 8,900	2350 5,200
-4.6 m -15'				*7900 *17,400	7450 16,500	*5250 *11,500	3950 8,700					*4950 *10,900	3750 8,300

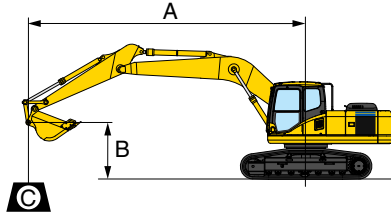
*Load is limited by hydraulic capacity rather than tipping. Ratings are based on SAE standard No. J1097. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.

PC160LC-7 HYDRAULIC EXCAVATOR

LIFTING CAPACITIES



LIFTING CAPACITY



- 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:

- Arm: 2900 mm **9'6"**
- Boom length 5150 mm **16'11"**
- Bucket 0.65 m³ **0.85 yd³** (SAE heaped)
–Bucket weight: 500 kg **1,100 lb.**
- Lifting mode: On

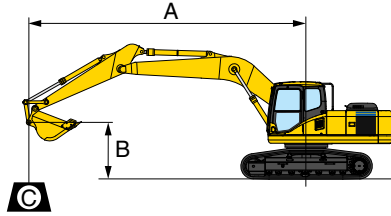
PC160LC-7		Shoe 600 mm 24"										Unit: kg/lb	
B	A	1.5 m 5'		3.0 m 10'		4.6 m 15'		6.1 m 20'		7.6 m 25'		☉ MAX	
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.6 m 25'												*1950 *4,300	*1950 *4,300
6.1 m 20'								*3100 *6,800	2900 6,400			*1750 *3,800	*1750 *3,800
4.6 m 15'								*3900 *8,600	2850 6,300	*1750 *3,900	*1750 *3,900	*1700 *3,800	*1700 *3,800
3.0 m 10'				*7600 *16,800	*7600 *16,800	*5400 *11,900	4350 9,600	4450 9,800	2700 5,900	3000 6,600	1750 3,900	*1800 *3,900	1650 3,600
1.5 m 5'				*10900 *24,100	7400 16,300	*6850 *15,100	4000 8,800	4250 9,400	2500 5,600	2900 6,400	1700 3,700	*1950 *4,300	1450 3,300
0 m 0'				*7950 *17,500	6650 15,100	6500 14,300	3700 8,100	4100 9,000	2350 5,200	2850 6,300	1650 3,600	*2250 *5,000	1500 3,300
-1.5 m -5'		*5500 *12,100	*5500 *12,100	*10050 *22,200	6750 14,900	6350 14,000	3550 7,800	4000 8,800	2300 5,000			*2850 *6,300	1650 3,600
-3.0 m -10'		*8550 *18,900	*8550 *18,900	*11250 *24,800	6850 15,100	6350 14,000	3550 7,800	4000 8,800	2300 5,100			3500 7,800	2000 4,500
-4.6 m -15'				*8600 *19,000	7100 15,700	*5800 *12,800	3700 8,200					*4800 *10,600	3100 6,800

PC160LC-7		Shoe 700 mm 28"										Unit: kg/lb	
B	A	1.5 m 5'		3.0 m 10'		4.6 m 15'		6.1 m 20'		7.6 m 25'		☉ MAX	
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.6 m 25'												*1950 *4,300	*1950 *4,300
6.1 m 20'								*3100 *6,800	2950 6,500			*1750 *3,800	*1750 *3,800
4.6 m 15'								*3900 *8,600	2850 6,300	*1750 *3,900	*1750 *3,900	*1700 *3,800	*1700 *3,800
3.0 m 10'				*7600 *16,800	*7600 *16,800	*5400 *11,900	4400 9,700	*4450 *9,800	2750 6,000	3050 6,700	1800 4,000	*1800 *3,900	1600 3,500
1.5 m 5'				*10900 *24,100	7500 16,500	*6850 *15,100	4050 8,900	4300 9,500	2550 5,600	2950 6,600	1750 3,800	*1950 *4,300	1500 3,300
0 m 0'				*7950 *17,500	6950 15,300	6600 14,600	3750 8,300	4150 9,200	2400 5,300	2900 6,400	1650 3,700	*2250 *5,000	1500 3,400
-1.5 m -5'		*5500 *12,100	*5500 *12,100	*10050 *22,200	6850 15,100	6450 14,200	3600 8,000	4050 9,000	2350 5,100			*2850 *6,300	1650 3,700
-3.0 m -10'		*8550 *18,900	*8550 *18,900	*11250 *24,800	6950 15,300	6450 14,200	3600 8,000	4050 9,000	2350 5,100			3600 7,900	2050 4,500
-4.6 m -15'				*8600 *19,000	7200 15,900	*5800 *12,800	3750 8,300					*4800 *10,600	3150 6,900

*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



- 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:

- Arm: 2900 mm **9'6"**
- Boom length 5150 mm **16'11"**
- Bucket 0.65 m³ **0.85 yd³** (SAE heaped)
–Bucket weight: 500 kg **1,100 lb.**
- Lifting mode: On

PC160LC-7		Shoe 800 mm 31.5"										Unit: kg/lb	
B	A	1.5 m 5'		3.0 m 10'		4.6 m 15'		6.1 m 20'		7.6 m 25'		☉ MAX	
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.6 m 25'												*1950 *4,300	*1950 *4,300
6.1 m 20'								*3100 *6,800	2950 6,500			*1750 *3,800	*1750 *3,800
4.6 m 15'								*3900 *8,600	2900 6,400	*1750 *3,900	*1750 *3,900	*1700 *3,800	*1700 *3,800
3.0 m 10'				*7600 *16,800	*7600 *16,800	*5400 *11,900	4500 9,900	*4450 *9,800	2750 6,100	3100 6,800	1850 4,000	*1800 *3,900	1650 3,600
1.5 m 5'				*10900 *24,100	7600 16,700	*6850 *15,100	4100 9,000	4400 9,700	2600 5,700	3000 6,700	1750 3,900	*1950 *4,300	1550 3,400
0 m 0'				*7950 *17,500	7050 15,500	6700 14,800	3800 8,400	4200 9,300	2450 5,400	2950 6,500	1700 3,700	*2250 *5,000	1550 3,400
-1.5 m -5'		*5500 *12,100	*5500 *12,100	*10050 *22,200	6950 15,300	6550 14,400	3650 8,100	4100 9,100	2350 5,200			*2850 *6,300	1700 3,800
-3.0 m -10'		*8550 *18,900	*8550 *18,900	*11250 *24,800	7050 15,500	6550 14,400	3650 8,100	4150 9,100	2350 5,200			3650 8,000	2100 4,600
-4.6 m -15'				*8600 *19,000	7300 16,100	*5800 *12,800	3800 8,400					*4800 *10,600	3200 7,000

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STANDARD EQUIPMENT

- Alternator, 60 Ampere, 24V
- Auto-Decel
- Automatic air conditioner with defroster
- Automatic deaeration system for fuel line
- Automatic engine warm-up system
- Batteries, large capacity
- Boom and arm holding valves
- Cab
- Converter 12V
- Counterweight 2850 kg **6,280 lb**
- Dry type air cleaner, double element
- Electric horn
- Engine, Komatsu SAA4D107E-1
- Engine overheat prevention system
- Fan guard structure
- High pressure in-line hydraulic filters
- Hydraulic track adjusters (each side)
- KOMTRAX®
- Multi-function color monitor
- Power maximizing system
- PPC hydraulic control system
- Radiator and oil cooler dust-proof net
- Rearview mirrors, (RH, LH, side, and counterweight)
- Retractable seat belt 76 mm **3"**
- Revolving frame deck guard
- Service valve (1 additional)
- Slip resistant plates
- Suction fan
- Suspension seat
- Track guiding guard, center section
- Track rollers: 7 each side
- Track shoes: 600 mm **24"** triple grouser
- Travel alarm
- Working lights, 2 (boom and RH)
- Working mode selection system



OPTIONAL EQUIPMENT

- Arms
 - 2250 mm **7'5"** arm assembly
 - 2250 mm **7'5"** arm assembly with piping
 - 2610 mm **8'7"** arm assembly
 - 2610 mm **8'7"** arm assembly with piping
 - 2900 mm **9'6"** arm assembly
 - 2900 mm **9'6"** arm assembly with piping
- Boom, 5150 mm **16'11"**
- Boom, 5150 mm **16'11"** with piping
- Cab accessories
 - Rain visor
 - Sun visor
- Hydraulic control unit
- Pattern change valve
- Shoes, triple grouser:
 - 700 mm **28"**
 - 800 mm **31.5"**
- Track frame undercover



ATTACHMENT OPTIONS

- JRB couplers (Smart Loc, Roto Loc)
- KAC/HKX hydraulic kit and accessories
- Komatsu buckets
- PSM thumbs
- Top window guard (wire mesh)
- Vandal protection guards and storage box
- Window guards (Lexan®, wire mesh)

For a complete line up of available attachments, please contact your local Komatsu distributor.

KOMATSU®