

KOMATSU®

PC270-7

FLYWHEEL HORSEPOWER

134 kW 179 HP @ 2050 rpm

OPERATING WEIGHT

26900–27810 kg 59,300–61,310 lb

BUCKET CAPACITY

1.26 m³ 1.65 yd³

**PC
270**



Photo may include optional equipment.



HYDRAULIC EXCAVATOR

WALK-AROUND



Building on the technology and expertise Komatsu has accumulated since its establishment in 1921, GALEO presents customers worldwide with a strong, distinctive image of technological innovation and exceptional value. The GALEO brand will be employed for Komatsu's full lineup of advanced construction and mining equipment. Designed with high productivity, safety and environmental considerations in mind, the machines in this line reflect Komatsu's commitment to contributing to the creation of a better world.

Genuine Answers for Land and Environment Optimization

Productivity Features

- **High Production and Low Fuel Consumption**

Production is increased with larger output during Active mode while fuel efficiency is further improved.

- **Maximum Drawbar Pull**

is increased 9% offering superb steering and slope climbing performance. Moreover, another 6% increase is available with the optional heavy duty travel motor. (Compared with PC250-6)

- **Maximum Digging Height is 10 m 32'10"**, a benefit in jobs requiring a longer reach.

See page 4.

- **Bucket Breakout Force Is Increased 23%**

(Over the PC250-6)

- **Arm Crowd Force Is Increased 17%**

(Over the PC250-6)

See page 4.

- **Higher Lifting Capacity**

PC270-7's lateral stability is improved, lifting capacity also increased.

- **Swing Torque Is Increased 21%**

(Over the PC250-6)

See page 4.

Easy Maintenance

- Replacement interval is extended for engine oil, engine oil filter and hydraulic filter
- Remote mounted engine oil filter and fuel drain valve for easy access
- Water separator is standard equipment
- Easier radiator cleaning
- Fuel tank capacity is increased
- SCSH bushings on work equipment extend lubricating interval from 100 hours to 500 hours

See page 8.

Harmony with Environment

- Low emission engine
A powerful turbocharged and air to air aftercooled Komatsu SAA6D102E-2 provides **134 kW** 179 HP. This engine meets EPA, EU and Japan Tier 2 emissions regulations, without sacrificing power or machine productivity.
- Economic mode saves fuel consumption
Fuel Consumption is reduced 16% (Compared with PC270-7 Active mode)
- Low operation noise
- Easily recycled design

Large Comfortable Cab

New PC270-7's cab volume is increased by 14%, offering an exceptionally roomy operating environment

- Highly pressurized cab with air conditioner
- Low noise design
- Low vibration with cab damper mounting
- FOG capable with optional bolt- on top guard

FOG has been renamed to OPG (Operator Protective Guards) top guard level 2 by ISO 10262.

See pages 6 and 7.



Photo may include optional equipment.

Multi Function Color Monitor

- Working mode selection system for various types of work
- Hydraulic pump oil flow adjustment system for adjustment of oil flow for attachments
- EMMS (Equipment Management Monitoring System) for ease of maintenance and management of the machine

See page 5.

Excellent Reliability and Durability

- High rigidity work equipment
- Sturdy frame structure
- Reliable Komatsu manufactured major components
- Highly reliable electronic devices

See page 5.

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1.65 yd³

PRODUCTIVITY FEATURES

High Production and Low Fuel Consumption

The increased output and fuel savings of the Komatsu SAA6D102E-2 engine result in increased production and improved production per unit of fuel.

Engine

The PC270-7 gets its exceptional power and work capacity from a Komatsu SAA6D102E-2 engine. Output is **134 kW** 179 HP, providing increased hydraulic power and improved fuel efficiency.

Hydraulics

Unique two-pump system ensures smooth compound movement of the work equipment. HydrauMind controls both pumps for efficient engine power use. This system also reduces hydraulic loss during operation.

Larger Maximum Drawbar Pull

PC270-7's maximum drawbar pull is increased by 9% and provides superb slope climbing performance.

The optional heavy duty travel motor gives a extra 6% increase.

Maximum drawbar pull: 249 kN **25400 kgf** 56,000 lb
 *(264 kN **26900 kgf** 59,300 lb)

Drawbar pull/operating weight: 0.94 *(1.00)

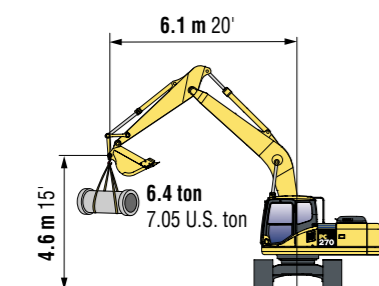
*with optional heavy duty travel motor
 (Compared with PC250-6)

Drawbar pull



Larger Lifting Capacity

Since lateral stability is improved by use of undercarriage for PC300-7 and lifting mode is employed, lifting capacity is increased.



Larger Digging Power Provides Increased Production

Bucket digging force is increased by 23% and arm crowd force is increased by 17%(compared with PC250-6).

Bucket Digging Force*: SAE 176 kN **17900 kgf** 39,460 lb
 ISO 198 kN **20200 kgf** 44,530 lb
 Arm Crowd Force*: SAE 136 kN **13900 kgf** 30,640 lb
 ISO 148 kN **15100 kgf** 33,290 lb

*Measured with Power Max function, 3045 mm 10'0" arm

Economy Mode

Economy mode is environmentally friendly. Fuel consumption is reduced 16% (compared with PC270-7 Active mode) and production is equal to the PC250-6 Heavy-duty mode.

Power Max Function

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

Automatic Travel Speed

Travel speed is automatically shifted from high to low speed according to the pressure of the travel.

	High	Mid	Low
Travel Speed	5.5 km/h 3.4 mph	4.1 km/h 2.5 mph	3.0 km/h 1.9 mph
*with optional H/D travel motor	*(4.5 km/h) *(2.8 mph)	*(3.3 km/h) *(2.1 mph)	*(2.8 km/h) *(1.8 mph)

Large Digging Height

PC270-7's maximum digging height is **10 m 32'10"**, facilitating jobs that require a longer reach, such as demolition and slope finishing.

Larger Swing Torque

Swing torque is increased by 21% by increasing the swing motor capacity. As a result, high swing performance is obtained on slopes.

Multi-Function Color Monitor

A newly developed Multi-Function Color Monitor has multiple functions, such as Working mode selection, hydraulic pump oil flow adjustment for matching to attachment, and maintenance interval notice, etc.

Working Mode Selection

The Multi-Function Color Monitor has Active mode, Economy mode, Lifting mode and Breaker operation mode.

Working Mode	Application	Advantage
A	Active mode	<ul style="list-style-type: none"> ● Maximum production/power ● Fast cycle times
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

Hydraulic Pump Oil Flow Adjustment System

When installing attachments (breaker, crusher, etc.) and B, A, or E mode is selected, it is possible to adjust engine and hydraulic pump discharge flow to match attachment characteristics. Selection is possible throughout the LCD (Liquid Crystal Display). This system also allows throttling

of the attachment side discharge flow to provide smooth work equipment movement and compound operation with work equipment and attachment.

Lifting Mode

When the Lifting mode is selected, lifting capacity is increased by 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 with code.

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.

Excellent Reliability and Durability

● Undercarriage for 30-tone class

Since the undercarriage of PC300-7, which is one class larger, is used for PC270-7, it is very durable.

● High Rigidity Work Equipment

The arm and boom are strengthened to correspond to increasing bucket and arm digging forces. The arm and boom cross sectional strength are also increased 25% and 8% respectively. The boom and arm have large cross-sectional dimensions as well as continuous groove welding, improving digging and side-contact strength.

● Sturdy Frame Structure

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

● Reliable Components

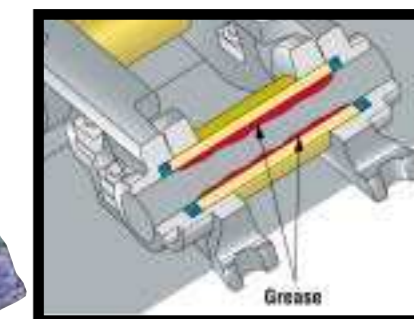
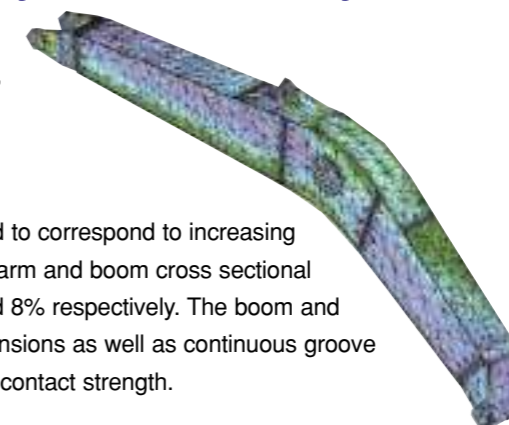
All of the major machine components, such as engine, hydraulic pumps, hydraulic motors and control valves, etc., are exclusively designed and manufactured by Komatsu.

● Highly Reliable Electronic Devices

Exclusively designed electronic devices have passed severe testing.

- Controller
- Sensors
- Connectors
- Heat resistant wiring

● Metal guard rings protect all the hydraulic cylinders and improve reliability.



Grease Sealed Track provides excellent undercarriage durability



Track Link with Strut
 PC270-7 uses track links with strut providing superb durability

WORKING ENVIRONMENT

PC270-7 cab interior is spacious and provides a comfortable working environment...

Large Comfortable Cab

Comfortable Cab

New PC270-7's cab volume is increased by 14%, offering an exceptionally comfortable operating environment. The large cab enables full flat reclining of the seat back with headrest.

Pressurized Cab

With 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.

Low Noise Design

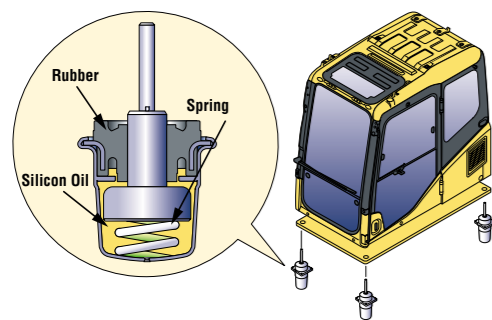
Noise level is remarkably reduced, not only engine noise but also noise when swinging and hydraulic relief.

Low Vibration with Cab Damper Mounting

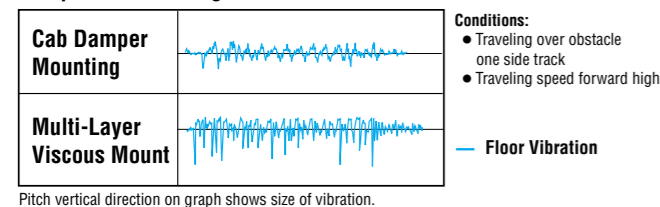
PC270-7 uses new, improved multi-layer viscous mount system that incorporates longer stroke and the addition of a spring. The new cab damper mounting combined with strengthened left and right side decks aids vibration reduction at operator seat.

Vibration at floor is reduced from 120 dB (VL) to 115 dB (VL).

dB (VL) is index for expressing size of vibration.



Comparison of Riding Comfort



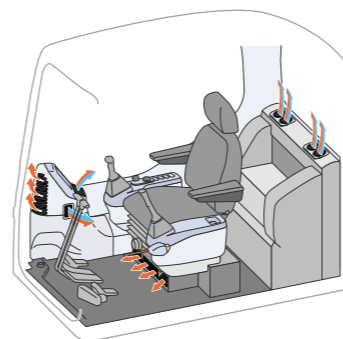
Pitch vertical direction on graph shows size of vibration.



Photo may include optional equipment.

Automatic Air Conditioner (optional)

A 6,900 kcal air conditioner is utilized. 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.



Skylight



Sliding Window



Washable Cab Floormat

The PC270-7's cab floormat is easy to keep clean. The gently inclined surface has a flanged floormat and drainage holes to facilitate runoff.



Seat with headrest reclined full flat

Photo may include optional equipment.

Multi-Position Controls

The multi-position, 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 controllers for maximum productivity and comfort.



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



Defroster



Cab Frame Mounted Wiper



Bottle Holder and Magazine Rack

Safety Features

Cab

FOG capable with optional bolt-on top guard.

Wide Visibility

The right side window pillar has been removed and the rear pillar reshaped to provide better visibility. Blind spots have been decreased by 34%.

Pump/engine room partition

prevents oil from spraying on the engine if a hydraulic hose should burst.

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

Steps with non-skid sheet and large handrail. Steps with non-skid sheet provide anti-slip footing for maintenance.



Large Handrail



Thermal Guard and Non-skid Sheet

MAINTENANCE FEATURES

Easy Maintenance

Komatsu designed the PC270-7 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 PC270-7.



- Easy Radiator Cleaning**
 Clearance between radiator and oil cooler is increased to facilitate radiator core cleaning with an air nozzle.

- Water Separator** is standard equipment, removing water mixed in fuel and preventing fuel system damage.



- Easy Access to Engine Oil Filter and Fuel Drain Valve.** Engine oil filter and fuel drain valve are remotely mounted to improve accessibility.

- Easy Cab Filter Maintenance**

Tool free removal of the internal and external cab filters.



Removal and installation of air conditioner filter element, without tools, facilitates cleaning.



- Fuel Tank Capacity Increased**

Fuel tank capacity is increased from 340 ltr 89.8 U.S. gal to 400 ltr 105.7 U.S. gal to extend operating hours before refueling. The fuel tank is treated for rust prevention and improved corrosion resistance.

Reducing Maintenance Costs

- Hydraulic Oil and Filter/Engine Oil and Filter Replacement Interval Extended**

The new high performance filters are used in the hydraulic circuit and engine. Hydraulic oil filter, engine oil, and engine oil filter element replacement intervals are significantly extended to reduce maintenance costs.

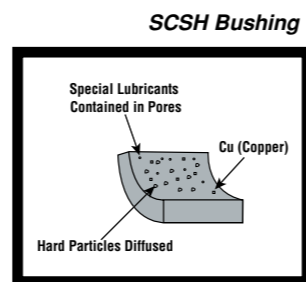
Comparison of Replacement Intervals unit: hours

	PC270-7	PC250-6
Engine oil	500	250
Engine oil filter	500	250
Hydraulic oil	5,000	5,000
Hydraulic oil filter	1,000	500

All Work Equipment Lubrication Intervals are 500 Hours with SCSH Bushings (Excluding Bucket)

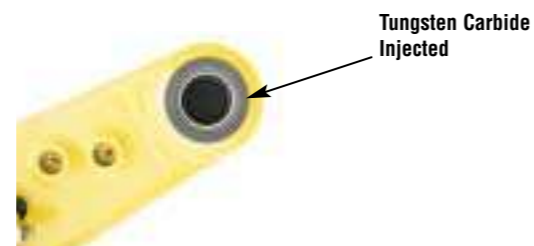
Newly developed SCSH bushings are used on bucket and arm top bushing; end faces are injected with Tungsten Carbide. All bushing lubrication intervals of work equipment are extended from 100 hours to 500 hours (excluding the bucket) reducing maintenance costs.

SCSH (Steel Copper Sinter Hard Material) bushing is based on ferroalloy powder metallurgy (carbonized treatment). It contains a special lubricant in pores, and the hard particles are diffused to improve durability for wear and scratching.



Tungsten Carbide Injected Bushing

Tungsten Carbide is injected into the end faces of the arm top bushing to form a hard film, reducing wear of contacting surfaces and fluttering of the bucket.



SPECIFICATIONS

ENGINE

Model Komatsu SAA6D102E-2
 Type Water-cooled, 4-cycle, direct injection
 Aspiration Turbocharged and aftercooled
 Number of cylinders 6
 Bore 102 mm 4.02"
 Stroke 120 mm 4.72"
 Piston displacement 5.88 ltr 359 in³
 Flywheel horse Power
 SAE J1349 134 kW 179 HP @ 2050 rpm
 DIN 6270 134 kW 182 PS @ 2050 rpm
 Governor All-speed control, mechanical
 Meets 2001 EPA, EU, and Japan Tier 2 emission regulations.

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 450 ltr/min 119 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 290 kgf/cm² 4,125 psi
 Pilot circuit 3.2 MPa 33 kgf/cm² 470 psi
 Hydraulic cylinders:
 (Number of cylinders – bore x stroke x rod diameter)
 Boom 2 – 140 mm x 1300 mm x 100 mm 5.5" x 51.2" x 3.9"
 Arm 1 – 150 mm x 1635 mm x 110 mm 5.9" x 64.3" x 4.3"
 Bucket 1 – 140 mm x 1009 mm x 100 mm 5.5" x 39.7" x 3.9"

DRIVES AND BRAKES

Steering control Two levers with pedals
 Drive method Hydrostatic
 Maximum drawbar pull 249 kN 25400 kgf 56,000 lb
 *(264 kN 26900 kgf 59,300 lb)
 Gradeability 70%, 35°
 Maximum travel speed: High 5.5 km/h 3.4 mph *(4.5 km/h 2.8 mph)
 (Auto-Shift) Mid 4.1 km/h 2.5 mph *(3.3 km/h 2.1 mph)
 Low 3.0 km/h 1.9 mph *(2.8 km/h 1.8 mph)
 Service brake Hydraulic lock
 Parking brake Mechanical disc brake
 *with optional heavy duty travel motor

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 10.5 rpm

UNDERCARRIAGE

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

COOLANT AND LUBRICANT CAPACITY (REFILLING)

Fuel tank 400 ltr 105.7 U.S. gal
 Coolant 30.9 ltr 8.2 U.S. gal
 Engine 24.0 ltr 6.3 U.S. gal
 Final drive, each side 7.8 ltr 2.1 U.S. gal
 Swing drive 6.6 ltr 1.7 U.S. gal
 Hydraulic tank 143 ltr 37.8 U.S. gal

OPERATING WEIGHT (APPROXIMATE)

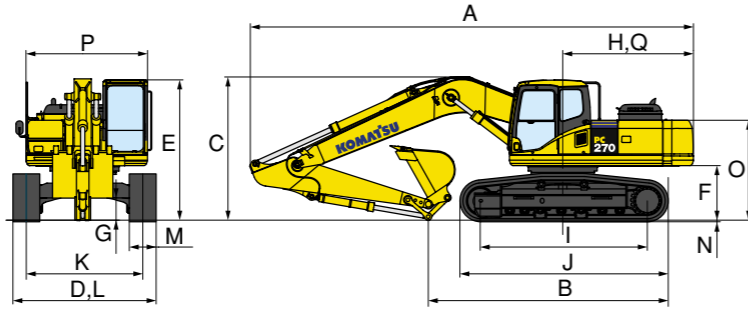
Operating weight including 5850 mm 19'2" one-piece boom, 3045 mm 10'0" arm, SAE heaped 1.26 m³ 1.65 yd³ backhoe bucket, rated capacity of lubricants, coolant, full fuel tank, operator, and standard equipment.

Shoes	PC270-7	
	Operating Weight	Ground Pressure
600 mm 23.6"	26900 kg 59,300 lb	55 kPa 0.56 kgf/cm ² 7.96 psi
700 mm 27.6"	27460 kg 60,540 lb	48 kPa 0.49 kgf/cm ² 6.97 psi
800 mm 31.5"	27810 kg 61,310 lb	42 kPa 0.43 kgf/cm ² 6.15 psi

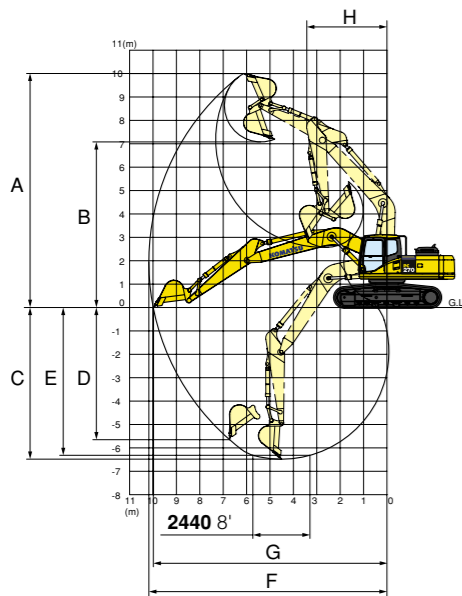
DIMENSIONS

	Arm Length	2500 mm 8'2"	3045 mm 10'0"	3500 mm 11'6"
A	Overall length	9940 mm 32'7"	9790 mm 32'1"	9890 mm 32'5"
B	Length on ground (transport)	5960 mm 19'7"	5180 mm 17'0"	4790 mm 15'9"
C	Overall height (to top of boom)	3320 mm 10'11"	3210 mm 10'6"	3280 mm 10'9"

D	Overall width	3190 mm 10'6"
E	Overall height (to top of cab)	3100 mm 10'2"
F	Ground clearance, counterweight	1186 mm 3'11"
G	Ground clearance (minimum)	498 mm 1'8"
H	Tail swing radius	2940 mm 9'8"
I	Track length on ground	3700 mm 12'2"
J	Track length	4625 mm 15'2"
K	Track gauge	2590 mm 8'6"
L	Width of crawler	3190 mm 10'6"
M	Shoe width	600 mm 23.6"
N	Grouser height	36 mm 1.4"
O	Machine cab height	2200 mm 7'3"
P	Machine cab width	2710 mm 8'11"
Q	Distance, swing center to rear end	2905 mm 9'6"



WORKING RANGE



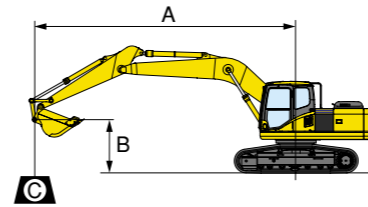
	Arm	2500 mm 8'2"	3045 mm 10'0"	3500 mm 11'6"
A	Max. digging height	9620 mm 31'7"	10000 mm 32'10"	10130 mm 33'3"
B	Max. dumping height	6720 mm 22'1"	7035 mm 23'1"	7200 mm 23'7"
C	Max. digging depth	5940 mm 19'6"	6460 mm 21'2"	6940 mm 22'9"
D	Max. vertical wall digging depth	4800 mm 15'9"	5650 mm 18'6"	5930 mm 19'5"
E	Max. digging depth of cut for 8' level	5750 mm 18'10"	6320 mm 20'9"	6790 mm 22'3"
F	Max. digging reach	9650 mm 31'8"	10100 mm 33'2"	10570 mm 34'8"
G	Max. digging reach at ground level	9450 mm 31'0"	9990 mm 32'9"	10390 mm 34'1"
H	Min. swing radius	3500 mm 11'6"	3430 mm 11'3"	3490 mm 11'5"
SAE rating	Bucket digging force at power max.	176 kN 17900 kgf/39,460 lb	176 kN 17900 kgf/39,460 lb	176 kN 17900 kgf/39,460 lb
	Arm crowd force at power max.	165 kN 16800 kgf/37,040 lb	136 kN 13900 kgf/30,640 lb	123 kN 12500 kgf/27,560 lb
ISO rating	Bucket digging force at power max.	198 kN 20200 kgf/44,530 lb	198 kN 20200 kgf/44,530 lb	198 kN 20200 kgf/44,530 lb
	Arm crowd force at power max.	170 kN 17300 kgf/38,140 lb	148 kN 15100 kgf/33,290 lb	126 kN 12800 kgf/28,220 lb

BACKHOE BUCKET, ARM, AND BOOM COMBINATION

Bucket Capacity (heaped)		Width		Weight	Number of Teeth	Arm Length		
SAE, PCSA	CECE	Without Side Cutters	With Side Cutters	With Side Cutters		2.5 m 8'2"	3.0 m 10'0"	3.5 m 11'6"
1.26 m ³ 1.65 yd ³	1.10 m ³ 1.44 yd ³	1400 mm 55.1"	1505 mm 59.3"	845 kg 1,860 lb	5	○	○	○

○: General purpose use, density up to 1.8 ton/m³ 1.52 U.S. ton/yd³

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:
- 5850 mm 19'2" one-piece boom
 - 1.26 m³ 1.65 yd³ SAE heaped bucket
 - Shoe width:
 - 600 mm 23.6" triple grouser

		Arm: 3045 mm 10'0"				Bucket: 1.26 m ³ 1.65 yd ³ SAE heaped				Shoe: 600 mm 23.6" triple grouser			
B	A	⊗ MAX		7.6 m 25'		6.1 m 20'		4.6 m 15'		3.0 m 10'		1.5 m 5'	
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.6 m 25'		*3250 kg *7,200 lb	*3250 kg *7,200 lb										
6.1 m 20'		*3100 kg *6,900 lb	*3100 kg *6,900 lb	*4250 kg *9,400 lb	*4250 kg *9,400 lb	*6250 kg *13,700 lb	*6250 kg *13,700 lb						
4.6 m 15'		*3150 kg *7,000 lb	*3150 kg *7,000 lb	*6200 kg *13,700 lb	4250 kg 9,400 lb	*7100 kg *15,700 lb	6400 kg 14,100 lb						
3.0 m 10'		*3350 kg *7,400 lb	3050 kg 6,800 lb	6100 kg 13,500 lb	4100 kg 9,100 lb	*8400 kg *18,500 lb	6050 kg 13,400 lb	*10750 kg *23,700 lb	9750 kg 21,500 lb	*16950 kg *37,300 lb	*16950 kg *37,300 lb		
1.5 m 5'		*3700 kg *8,200 lb	2950 kg 6,500 lb	5950 kg 13,100 lb	3950 kg 8,700 lb	8600 kg 18,900 lb	5700 kg 12,600 lb	*13300 kg *29,300 lb	8950 kg 19,800 lb	*8600 kg *19,000 lb	*8600 kg *19,000 lb		
0 m 0'		*4300 kg *9,500 lb	3000 kg 6,600 lb	5800 kg 12,700 lb	3800 kg 8,400 lb	8300 kg 18,300 lb	5450 kg 12,000 lb	13400 kg 29,500 lb	8500 kg 18,700 lb	*9800 kg *21,600 lb	*9800 kg *21,600 lb		
-1.5 m -5'		5050 kg 11,100 lb	3300 kg 7,300 lb	5700 kg 12,600 lb	3750 kg 8,200 lb	8150 kg 17,900 lb	5300 kg 11,700 lb	13200 kg 29,100 lb	8300 kg 18,300 lb	*13950 kg *30,800 lb	*13950 kg *30,800 lb	*8650 kg *19,100 lb	*8650 kg *19,100 lb
-3.0 m -10'		6000 kg 13,200 lb	3950 kg 8,700 lb			8150 kg 17,900 lb	5300 kg 11,700 lb	13200 kg 29,100 lb	8350 kg 18,400 lb	*20100 kg *44,300 lb	17150 kg 37,800 lb	*13400 kg *29,600 lb	*13400 kg *29,600 lb
-4.6 m -15'		8350 kg 18,400 lb	5500 kg 12,100 lb					*11950 kg *26,400 lb	8600 kg 18,900 lb	*16950 kg *37,400 lb	*16950 kg *37,400 lb		

		Arm: 2500 mm 8'2"				Bucket: 1.26 m ³ 1.65 yd ³ SAE heaped				Shoe: 600 mm 23.6" triple grouser			
B	A	⊗ MAX		7.6 m 25'		6.1 m 20'		4.6 m 15'		3.0 m 10'		1.5 m 5'	
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.6 m 25'		*5250 kg *11,500 lb	*5250 kg *11,500 lb			*5350 kg *11,900 lb	*5350 kg *11,900 lb						
6.1 m 20'		*5050 kg *11,100 lb	4650 kg 10,300 lb			*7000 kg *15,400 lb	6500 kg 14,300 lb						
4.6 m 15'		*5100 kg *11,300 lb	3850 kg 8,500 lb	6200 kg 13,700 lb	4200 kg 9,300 lb	*7800 kg *17,200 lb	6300 kg 13,800 lb	*9200 kg *20,300 lb	*9200 kg *20,300 lb				
3.0 m 10'		5200 kg 11,500 lb	3450 kg 7,600 lb	6050 kg 13,400 lb	4050 kg 9,000 lb	8850 kg 19,500 lb	5950 kg 13,100 lb	*11800 kg *26,000 lb	9500 kg 20,900 lb				
1.5 m 5'		5050 kg 11,100 lb	3350 kg 7,300 lb	5900 kg 13,000 lb	3900 kg 8,700 lb	8500 kg 18,700 lb	5650 kg 12,400 lb	13700 kg 30,300 lb	8800 kg 19,400 lb				
0 m 0'		5200 kg 11,500 lb	3400 kg 7,500 lb	5800 kg 12,800 lb	3800 kg 8,400 lb	8250 kg 18,200 lb	5400 kg 11,900 lb	13300 kg 29,300 lb	8400 kg 18,600 lb	*9250 kg *20,400 lb	*9250 kg *20,400 lb		
-1.5 m -5'		5750 kg 12,700 lb	3800 kg 8,300 lb	5750 kg 12,700 lb	3800 kg 8,300 lb	8150 kg 18,000 lb	5350 kg 11,700 lb	13200 kg 29,100 lb	8350 kg 18,400 lb	*15650 kg *34,500 lb	*15650 kg *34,500 lb		
-3.0 m -10'		7100 kg 15,600 lb	4650 kg 10,300 lb			8200 kg 18,100 lb	5400 kg 11,900 lb	13300 kg 29,400 lb	8450 kg 18,600 lb	*19200 kg *42,400 lb	17300 kg 38,200 lb		
-4.6 m -15'		*8950 kg *19,800 lb	7150 kg 15,700 lb					*10350 kg *22,800 lb	8500 kg 18,800 lb				

		Arm: 3500 mm 11'6"				Bucket: 1.26 m ³ 1.65 yd ³ SAE heaped				Shoe: 600 mm 23.6" triple grouser			
B	A	⊗ MAX		7.6 m 25'		6.1 m 20'		4.6 m 15'		3.0 m 10'		1.5 m 5'	
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.6 m 25'		*2450 kg *5,500 lb	*2450 kg *5,500 lb										
6.1 m 20'		*2400 kg *5,300 lb	*2400 kg *5,300 lb	*4000 kg *8,800 lb	*4000 kg *8,800 lb								
4.6 m 15'		*2450 kg *5,400 lb	*2450 kg *5,400 lb	*5450 kg *12,000 lb	4300 kg 9,500 lb	*6500 kg *14,300 lb	6450 kg 14,200 lb						
3.0 m 10'		*2650 kg *5,800 lb	*2650 kg *5,800 lb	6150 kg 13,500 lb	4100 kg 9,100 lb	*7800 kg *17,200 lb	6100 kg 13,500 lb	*9800 kg *21,600 lb	*9800 kg *21,600 lb	*14400 kg *31,800 lb	*14400 kg *31,800 lb		
1.5 m 5'		*2950 kg *6,500 lb	2750 kg 6,100 lb	5950 kg 13,100 lb	3950 kg 8,700 lb	8600 kg 19,000 lb	5750 kg 12,600 lb	*12500 kg *27,600 lb	9100 kg 20,000 lb	*13350 kg *29,400 lb	*13350 kg *29,400 lb		
0 m 0'		*3450 kg *7,600 lb	2800 kg 6,200 lb	5750 kg 12,700 lb	3750 kg 8,300 lb	8250 kg 18,200 lb	5400 kg 11,900 lb	13400 kg 29,600 lb	8500 kg 18,800 lb	*11400 kg *25,200 lb	*11400 kg *25,200 lb	*5050 kg *11,200 lb	*5050 kg *11,200 lb
-1.5 m -5'		*4300 kg *9,500 lb	3000 kg 6,700 lb	5650 kg 12,400 lb	3650 kg 8,100 lb	8050 kg 17,800 lb	5250 kg 11,500 lb	13100 kg 28,900 lb	8250 kg 18,200 lb	*14100 kg *31,100 lb	*14100 kg *31,100 lb	*8600 kg *19,000 lb	*8600 kg *19,000 lb
-3.0 m -10'		5500 kg 12,100 lb	3550 kg 7,900 lb	5650 kg 12,400 lb	3650 kg 8,100 lb	8000 kg 17,700 lb	5200 kg 11,500 lb	13050 kg 28,800 lb	8200 kg 18,100 lb	*18700 kg *41,200 lb	16850 kg 37,200 lb	*12450 kg *27,400 lb	*12450 kg *27,400 lb
-4.6 m -15'		7350 kg 16,200 lb	4800 kg 10,600 lb			8150 kg 18,000 lb	5300 kg 11,700 lb	*12750 kg *28,200 lb	8400 kg 18,500 lb	*18400 kg *40,600 lb	17300 kg 38,100 lb		

* Load is limited by hydraulic capacity rather than tipping. Ratings are based on SAE Standard No. J/ISO 10567. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.



STANDARD EQUIPMENT

- Air conditioner with defroster
- Alternator, 60 Ampere, 24 V
- Arm
 - 3045 mm 10'0" HD arm assembly
- Auto-Decel
- Automatic deaeration system for fuel line
- Automatic engine warm-up system
- Batteries, large capacity
- Boom, **5850 mm** 19'2"
- Boom and arm holding valve
- Cab, capable FOG with optional bolt-on top guard
- Cab, front half height guard
- Cab, vandalism protection
- Counterweight
- Dry type air cleaner, double element
- Electric horn
- Engine, Komatsu SAA6D102E-2
- Engine overheat prevention system
- Fan guard structure
- FM/AM radio
- Half deck guard
- Hard water area arrangement
- Hydraulic track adjusters (each side)
- In-line filter
- Multi-function color monitor
- One service valve
- Power maximizing system
- Power supply, 12-V
- PPC hydraulic control system
- Poor fuel arrangement
- Radiator and oil cooler dustproof net
- Rearview mirror, RH, LH
- Seat belt, retractable
- Seat, suspension
- Shoes, triple grouser: **600 mm** 23.6"
- Starting motor, 5.5 kW/24 V x 1
- Track frame undercover
- Track guiding guard, center section
- Travel alarm
- Working light, 2 (boom and RH)
- Working mode selection system



OPTIONAL EQUIPMENT

- Air conditioner with large blower
- Arms
 - 2500 mm 8'2" HD arm assembly
 - 3500 mm 11'6" HD arm assembly
- Bolt-on top guard, [Operator Protective Guards level 2 (FOG)]
- Boom, **5850 mm** 19'2" with attachment piping
- Cab front guard
 - Full height guard
- Deck guard
- Heavy duty travel motor
- Shoes, triple grouser
 - 700 mm 27.6", **800 mm** 31.5"
- Track roller guards (full length)



SPECIAL PURPOSE BUCKET

- **Bucket**
 - Play adjustment mechanism

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

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