FLYWHEEL HORSEPOWER
110 kW **148 HP** @ 2000 rpm

OPERATING WEIGHT
22630–23180 kg **49,900–51,110 lb**

BUCKET CAPACITY
0.50–1.2 m^3 **0.66–1.57 yd^3**

KOMATSU®

PC228USLC-3

With Tier 3 Engine

PC 228US LC

HYDRAULIC EXCAVATOR

Photo may include optional equipment.

WALK-AROUND

Working in congested or confined areas can be a challenge. Komatsu's PC228USLC-3 Hydraulic Excavators have a short tail swing profile,

designed specifically for work in confined areas. By reducing tail swing, the PC228USLC-3 is perfect for work on roadways, bridges, in urban areas, or anywhere space is limited. The PC228USLC-3 provides the performance and productivity you expect from Komatsu equipment.

Low emission engine

A powerful turbocharged and air-to-air aftercooled Komatsu SAA6D107E-1 engine provides 110 kW **148 HP**. This engine is EPA Tier 3 and EU stage 3A emissions certified, without sacrificing power or machine productivity.

Low operation noise

The dynamic noise is reduced compared to the previous model, realizing a low noise operation.

Large cab

- Komatsu's low noise design incorporates a fully pressed, highly-rigid cab that utilizes viscous cab mounting
- A sliding convex door has improved cab access in confined areas
- Komatsu's large cab has improved working space that provides more comfortable operation

High mobility

Superior drawbar pull and steering force are displayed when operating on a slope or other rough terrain.

Wide working ranges

Maximum digging height of the PC228USLC-3 is 7% higher than that of the PC200LC-8. Raising the boom on the PC228USLC-3 to a wider angle enhances overall working performance. Job sites that require a long upper reach, such as demolition and slope cutting benefit from the increased digging and dumping ranges of the PC228USLC-3.

Upper structure features

- Slip resistant surfaces for improving foot traction
- Improved visibility with large side-view, sidewise, and rear mirrors added

KOMTRAX®

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.

NET HORSEPOWER
110 kW **148 HP** @ 2000 rpm

OPERATING WEIGHT
22630 – 23180 kg
49,900 – 51,110 lb

BUCKET CAPACITY
0.50 – 1.20 m^3
0.66 – 1.57 yd^3

Multi-function monitor controls

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

High stability

The PC228USLC-3 offers exceptional lifting capacity and high stability with a large counterweight that requires no additional clearance.

Confined space operation

The PC228USLC-3's round form reduces the risk of hitting objects with the front and rear end of the machine.

Photo may include optional equipment.

Easy maintenance

- Long replacement interval of engine oil, engine oil filter, and hydraulic filter
- Remote mounted engine oil filter and fuel drain valve for easy access
- Equipped with the fuel pre-filter as standard (with water separator)
- Side-by-side cooling function enables the cooling units to be attached and detached independently
- Equipped with the EMMS monitoring system

Small road occupied width

Komatsu's PC228USLC-3 occupies a road width of 3.99 m **13'1"** or less with a loaded bucket. This allows the machine to work on either side of the lane without interfering with traffic flow.

Other features

- Cup holder
- Low effort joy stick
- Large capacity air conditioner
- Sliding window

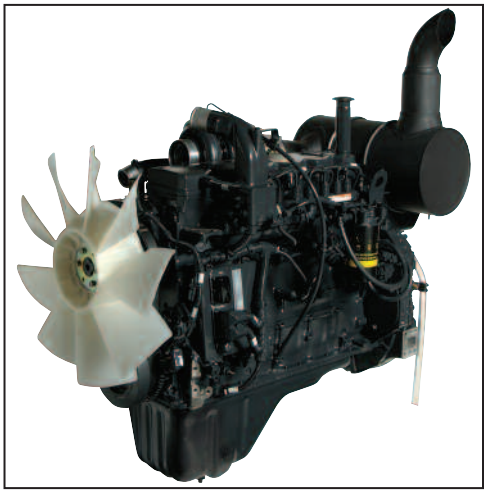
ECOLOGY FEATURES

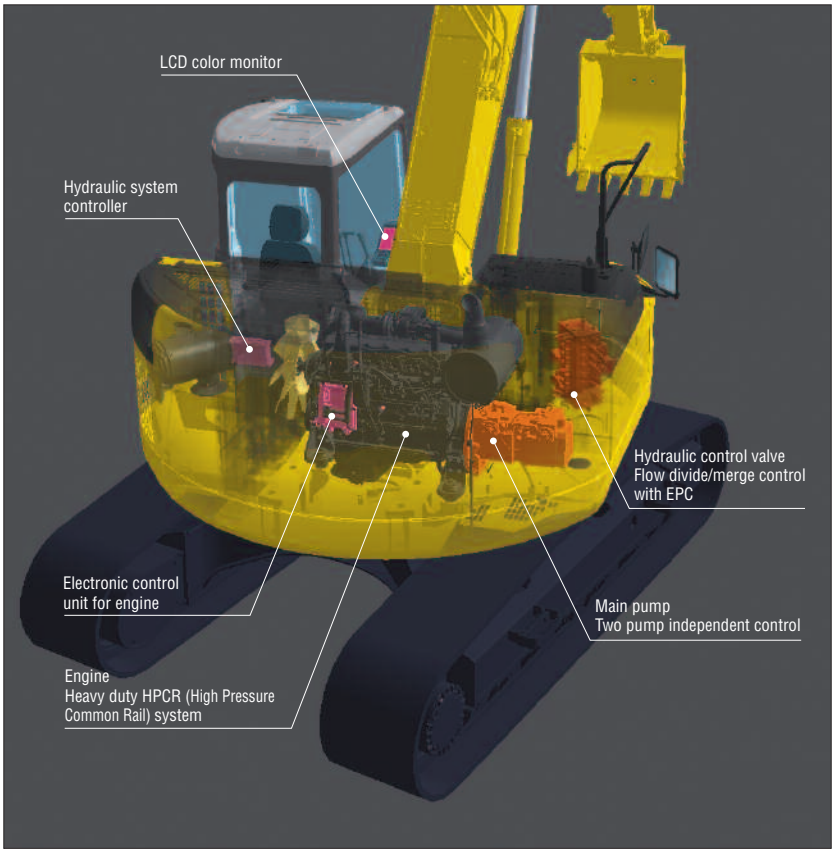
ecot3
ecology & economy - technology 3

Komatsu's new "ecot3" engines are designed to deliver optimum performance under the toughest of conditions while meeting the latest environmental regulations. This engine is Tier 3 EPA and EU Stage 3A emissions certified. "ecot3" – ecology and economy combined with Komatsu technology to create a high performance engine without sacrificing power or productivity.

Low Emission Engine

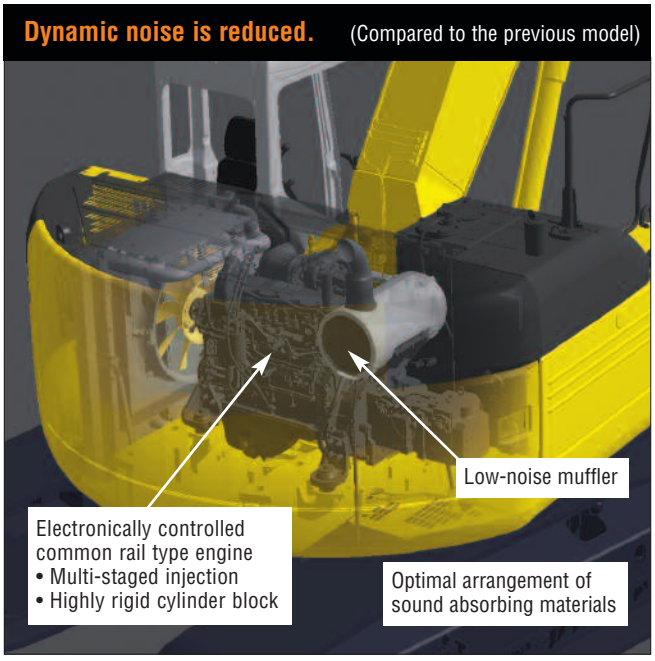
Komatsu SAA6D107E-1 is EPA Tier 3 and EU Stage 3A emissions certified and reduces NOx emissions by 29% compared to the previous model.





Low Operational Noise

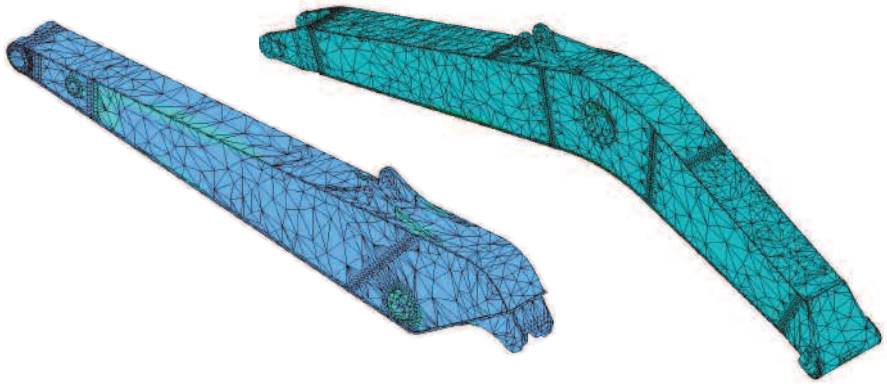
Enables low noise operation using the low-noise engine and methods to cut noise at source.



RELIABILITY FEATURES

High Rigidity Work Equipment

Boom and arms are constructed of thick plates of high tensile strength steel. In addition, these structures are designed with large cross-sectional areas and generous use of castings. The result is working attachments that exhibit long term durability and high resistance to bending and torsional stress.



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 are Komatsu designed.

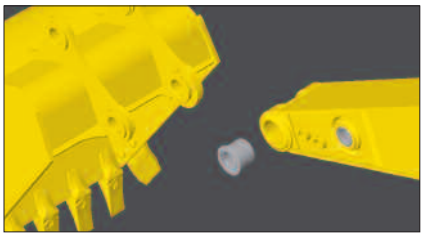
Highly Reliable Electronic Devices

Exclusively designed electronic devices have passed severe testing.

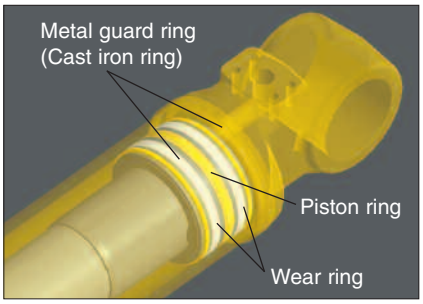
- Controller
- Sensors
- Connectors
- Heat resistant wiring

Durable Arm Tip Bushing

The end face of arm tip bushing provides high resistance to seizure and wear.

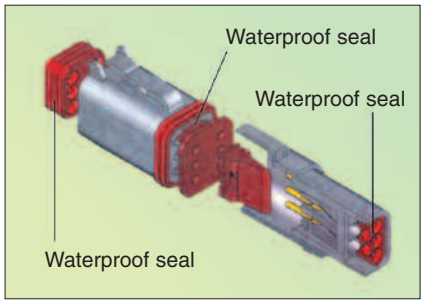


Metal Guard Rings Protect all the Hydraulic Cylinders and Improve Reliability



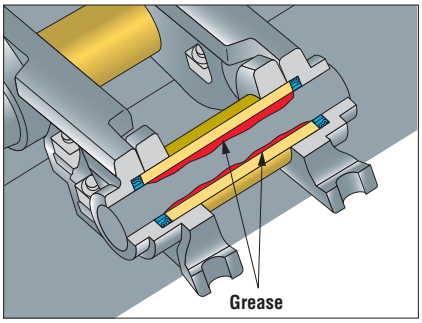
DT-type Connectors

DT-type connectors seal tight and have high reliability.



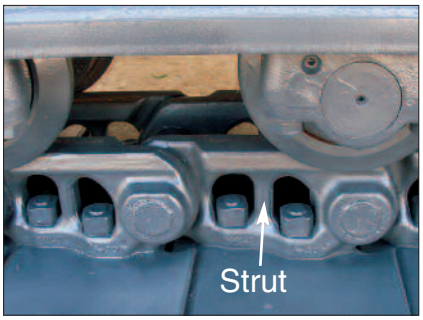
Grease Sealed Track

PC228USLC-3 uses grease sealed tracks for extended undercarriage life.



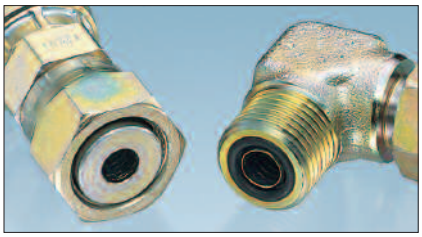
Track Link with Strut

PC228USLC-3 uses track links with strut, providing superb durability.



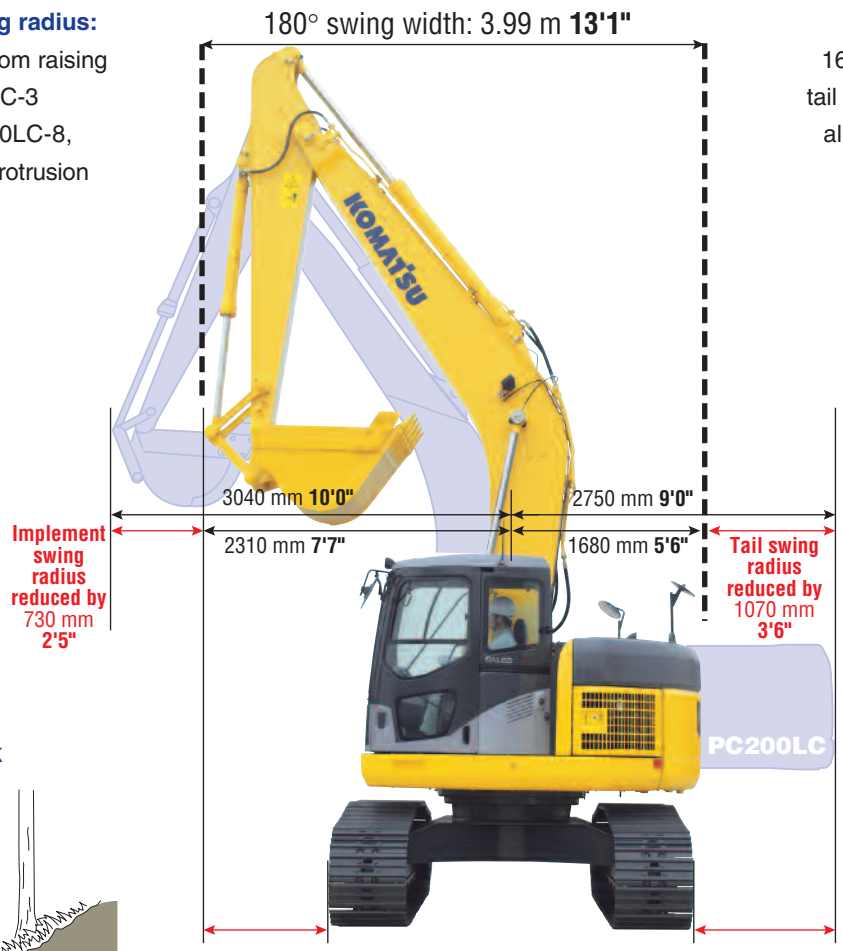
O-ring Face Seal

The hydraulic hose seal method has been changed from a conventional taper seal to an O-ring seal. This provides improved sealing performance.



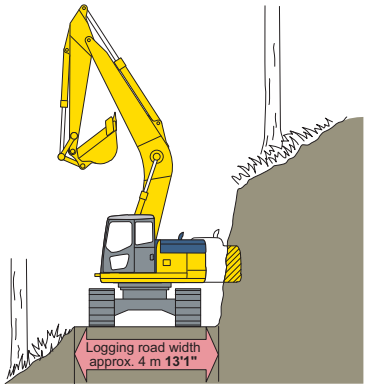
PRODUCTIVITY FEATURES

Short implement swing radius:
2310 mm **7'7"**—The boom raising angle of the PC228USLC-3 is larger than the PC200LC-8, while front implement protrusion is reduced.

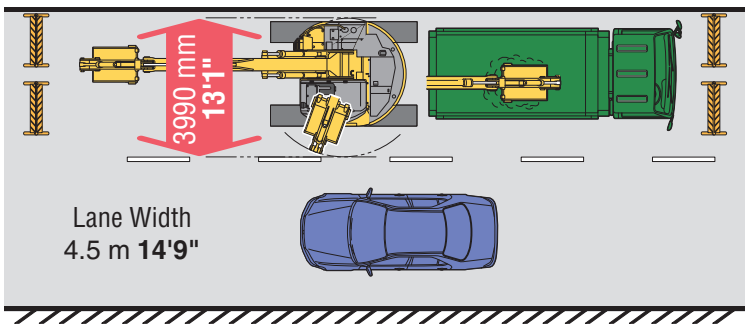


Short tail swing radius:
1680 mm **5'6"**— The reduced tail swing of the PC228USLC-3 allows the machine to work in more confined areas then a conventional machine.

Logging Road Work



Road and Bridge Work



WORKING ENVIRONMENT

PC228USLC-3 cab interior is spacious and provides a comfortable working environment...

Pressurized Cab

Air filters and a high internal air pressure (+3.0 mm Aq **+0.1"Aq**) help prevent external dust from entering the cab.

Operator's Cab

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, enabling the operator to position the controllers for maximum productivity and comfort.

Cab Mount

The cab rests on viscous damping mounts to reduce vibration and noise from the machine body. Operator fatigue is reduced.

Large Capacity Auto Air Conditioning and Heating Unit

The PC228USLC-3 has excellent air conditioning and heating capacity. 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. The defroster function keeps the front glass clear.

Capacities		
Cooling	6900 kcal	**27,379 Btu**
Heating	5200 kcal	**20,634 Btu**

Washable Floor

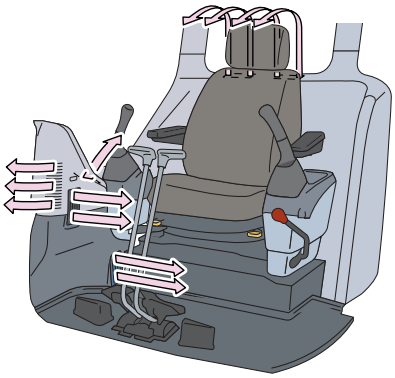
The PC228USLC-3's floor is easy to keep clean. The gently inclined surface has a flanged floormat and drainage holes to facilitate run-off.

Noise

Komatsu's low noise design uses viscous cab mounts for reduced noise.

Sliding Convex Door

The sliding convex door has improved easy entry and exit in confined areas, because the door has low protrusion when open. The cab also features a sliding window on the door.



MAINTENANCE FEATURES

Easy Maintenance

Komatsu designed the PC228USLC-3 to have easy service access. By doing so, 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 PC228USLC-3:

Optimum Maintenance Layout

Easy access to engine-related maintenance items such as oil filter, oil dipstick, coolant reserve tank, fuel filter, and air cleaner.

Left rear side cover
1. Cooling water reserve tank
2. Air cleaner
3. Battery
4. Tool box
5. Grease gun holder

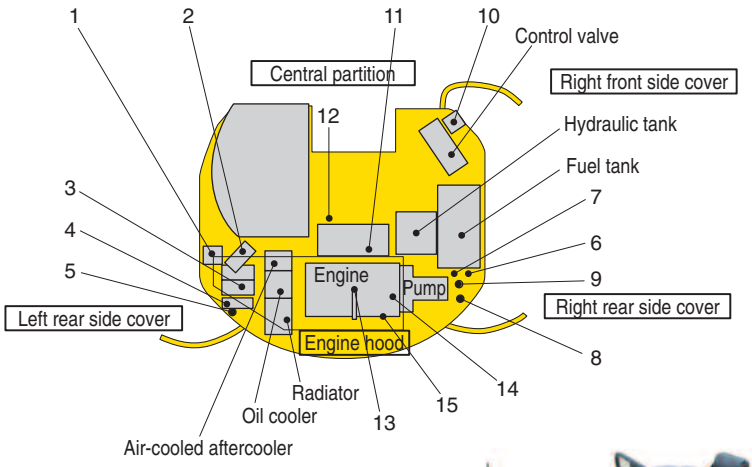
Right front side cover
10. Windshield washer tank

Central partition
11. Oil level check pipe for machinery
12. Oil filler for machinery

Right rear side cover
6. Fuel pre-filter
7. Engine oil filter*
8. Oil filler for PTO*
9. Fuel drain valve*

Opening/Closing of engine hood
13. Engine oil check pipe
14. Engine oil filler
15. Fuel filter

*Remote maintenance items



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.

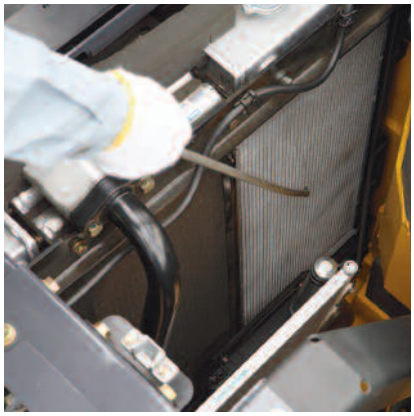
Engine oil & engine oil filter	every **500** hours
Hydraulic oil	every **5000** hours
Hydraulic oil filter	every **1000** hours

Long Greasing Interval

Special material is used for the bushings of the work equipment to lengthen greasing intervals. All bushing lubrication intervals of the work equipment, excluding the bucket connection, are extended from 250 hours to **500 hours**, reducing maintenance costs.

Side-by-Side Cooling Modules

The oil cooler and aftercooler which previously were installed in front of the radiator are installed side by side. As a result, it is very easy to clean the radiator, etc. Removal and installation of the radiator and oil cooler can now be done independently.



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

Removes water and contaminants in the fuel to help prevent fuel problems (with built in pump).

EMMS (Equipment Management Monitoring System)

Monitor Function
The controller monitors engine oil level, coolant temperature, battery charge air clogging, etc. If the controller finds any abnormality, it is displayed.

Maintenance Function
The monitor informs replacement time of oil and filters when the replacement interval is reached.

Trouble Data Memory Function
The monitor stores abnormalities for effective troubleshooting.

Enlarged left-side mirror and addition of rear and side mirror.

Highly durable slip resistant surfaces.

A **Large handrail** is installed.

SPECIFICATIONS

ENGINE

Model . . . . . Komatsu SAA6D107E-1
Type . . . . . Water-cooled, 4-cycle, direct injection
Aspiration. . . . . Turbocharged and air-to-air aftercooled
Number of cylinders 6
Bore . . . . . 107 mm **4.21"**
Stroke . . . . . 124 mm **4.88"**
Piston displacement . . . . . 6.69 ltr **408 in³**
Power rating
Gross (SAEJ1995). . . . . 116 kW **155 HP** @ 2000 rpm
Net (ISO 9249/SAEJ1349) . . . . . 110 kW **148 HP** @ 2000 rpm
Fan drive type . . . . . 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 . . . . . 428 ltr/min **113 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	**4,120 psi**
Pilot circuit	3.2 MPa	33 kgf/cm²	**470 psi**

Hydraulic cylinders:
(Number of cylinders – bore x stroke x rod diameter)
Boom. . . . . 2–120 mm x 1385 mm x 85 mm **4.7" x 54.5" x 3.3"**
Arm . . . . . 1–135 mm x 1490 mm x 95 mm **5.3" x 58.7" x 3.7"**
Bucket . . . . . 1–115 mm x 1120 mm x 80 mm **4.5" x 44.1" x 3.2"**

OPERATING WEIGHT (APPROXIMATE)

Operating weight, including 5700 mm **18'8"** one-piece boom, 2925 mm **9'7"** arm, SAE heaped 0.80 m³ **1.05 yd³** backhoe bucket, operator, lubricant, coolant, full fuel tank, and the standard equipment.

Shoes		Operating Weight		Ground Pressure	
mm	**in**	kg	**lb**	kg/cm²	**psi**
600 mm	**24"**	22630	**49,900**	0.48	**6.83**
700 mm	**28"**	22900	**50,490**	0.41	**5.83**
800 mm	**31.5"**	23180	**51,110**	0.37	**5.28**

DRIVES AND BRAKES

Steering control . . . . . Two levers with pedals
Drive method . . . . . Hydrostatic
Maximum drawbar pull . . . . . 202 kN 20600 kgf **45,410 lb**
Travel motor . . . . . Axial piston motor, in-shoe design
Reduction system . . . . . Planetary gear type, double reduction
Gradeability . . . . . 70%, 35°
Maximum travel speed: High . . . . . 5.5 km/h **3.4 mph**
(Auto-Shift) Mid . . . . . 4.1 km/h **2.5 mph**
Low . . . . . 3.0 km/h **1.9 mph**
Service brake . . . . . Hydraulic lock
Parking brake . . . . . Oil disc brake

SWING SYSTEM

Drive method . . . . . Hydrostatic
Swing reduction . . . . . Planetary gear type, double reduction
Swing circle lubrication. . . . . Grease-bathed
Swing lock . . . . . Oil disc brake
Swing speed. . . . . 11.0 rpm
Swing torque . . . . . 6656 kg•m **48,124 ft lbs**

UNDERCARRIAGE

Center frame . . . . . X-frame
Track frame . . . . . Box-section
Seal of track . . . . . Sealed track
Track adjuster . . . . . Hydraulic
Number of shoes (each side): 49
Number of carrier rollers (each side):. 2
Number of track rollers (each side):. 9

COOLANT AND LUBRICANT CAPACITY (REFILLING)

Fuel tank	320 ltr	**84.5 U.S. gal**
Coolant	21.0 ltr	**5.5 U.S. gal**
Engine	23.1 ltr	**6.1 U.S. gal**
Final drive, each side	5.2 ltr	**1.4 U.S. gal**
Swing drive	7.1 ltr	**1.9 U.S. gal**
Hydraulic tank	165 ltr	**43.6 U.S. gal**

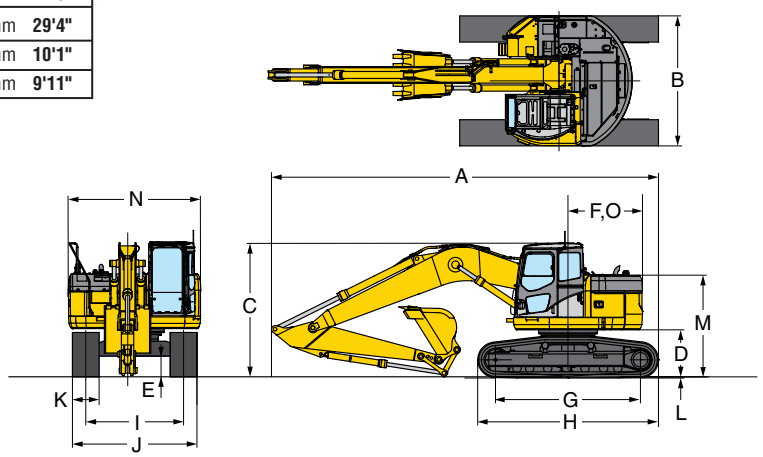
WORKING FORCES

	Arm	2925 mm **9'7"**	2400 mm **7'10"**
SAE rating	Bucket digging force at power max.	138 kN 14100 kgf/**31,085 lb**	138 kN 14100 kgf/**31,085 lb**
SAE rating	Arm crowd force at power max.	101 kN 10300 kgf/**22,710 lb**	124 kN 12600 kgf/**27,780 lb**
ISO rating	Bucket digging force at power max.	149 kN 15200 kgf/**33,500 lb**	149 kN 15200 kgf/**33,500 lb**
ISO rating	Arm crowd force at power max.	108 kN 11000 kgf/**24,250 lb**	127 kN 13000 kgf/**28,660 lb**

DIMENSIONS

	Arm length	2925 mm	9'7"	2400 mm	7'10"
A	Overall length	8890 mm	29'2"	8950 mm	29'4"
B	Overall width	3080 mm	10'1"	3080 mm	10'1"
C	Overall height (to top of cab)*	3010 mm	9'11"	3010 mm	9'11"
D	Ground clearance, counterweight*	1060 mm	3'6"		
E	Ground clearance (minimum)	440 mm	1'5"		
F	Tail swing radius	1680 mm	5'6"		
G	Track length on ground	3655 mm	12'0"		
H	Track length	4450 mm	14'7"		
I	Track gauge	2380 mm	7'10"		
J	Width of crawler	3080 mm	10'1"		
K	Shoe width	700 mm	28"		
L	Grouser height	26 mm	1"		
M	Dimension M*	2285 mm	7'6"		
N	Upper structure width	2980 mm	9'9"		
O	Distance, swing center to rear end	1680 mm	5'6"		

*Excluding grouser height



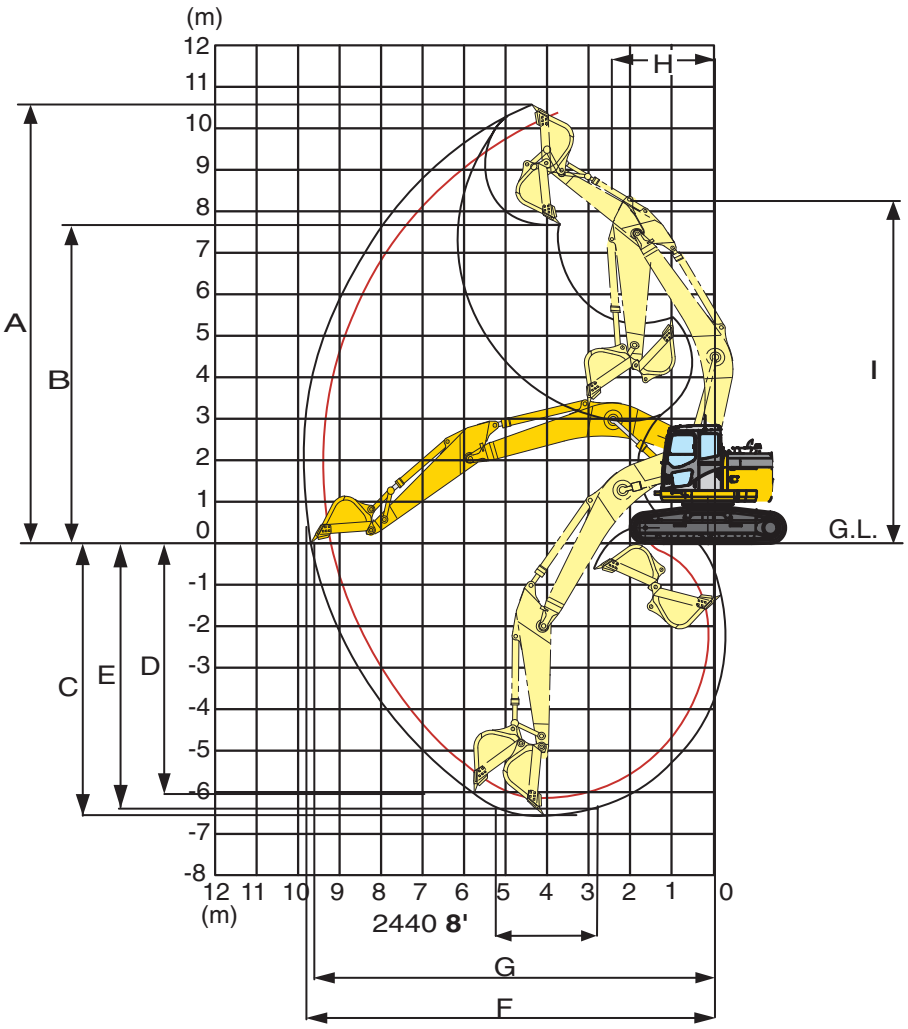
BACKHOE BUCKET, ARM, AND BOOM COMBINATION

Bucket Type	Bucket Capacity	Bucket Width	Bucket Weight	Arms 2.4 m 7'10"	Arms 2.9 m 9'7"
Komatsu GSK	0.50 m³ **0.66 yd³**	610 mm **24"**	538 kg **1,187 lb**	V	V
	0.67 m³ **0.88 yd³**	762 mm **30"**	661 kg **1,457 lb**	V	V
	0.85 m³ **1.11 yd³**	914 mm **36"**	753 kg **1,659 lb**	V	W
	1.02 m³ **1.34 yd³**	1067 mm **42"**	822 kg **1,812 lb**	W	X
	1.20 m³ **1.57 yd³**	1219 mm **48"**	921 kg **2,030 lb**	Y	Y
Komatsu HP	0.50 m³ **0.66 yd³**	610 mm **24"**	652 kg **1,437 lb**	V	V
	0.67 m³ **0.88 yd³**	762 mm **30"**	763 kg **1,681 lb**	V	V
	0.85 m³ **1.11 yd³**	914 mm **36"**	868 kg **1,913 lb**	V	W
	1.02 m³ **1.34 yd³**	1067 mm **42"**	950 kg **2,095 lb**	X	Y
	1.20 m³ **1.57 yd³**	1219 mm **48"**	1066 kg **2,349 lb**	Y	Z
Komatsu HPS	0.50 m³ **0.66 yd³**	610 mm **24"**	724 kg **1,597 lb**	V	V
	0.67 m³ **0.88 yd³**	762 mm **30"**	840 kg **1,851 lb**	V	V
	0.85 m³ **1.11 yd³**	914 mm **36"**	962 kg **2,120 lb**	W	X
	1.02 m³ **1.34 yd³**	1067 mm **42"**	1061 kg **2,339 lb**	X	Y
	1.20 m³ **1.57 yd³**	1372 mm **54"**	1193 kg **2,630 lb**	Y	Z
Komatsu HPX	0.50 m³ **0.66 yd³**	610 mm **24"**	824 kg **1,817 lb**	V	V
	0.67 m³ **0.88 yd³**	762 mm **30"**	939 kg **2,071 lb**	V	V
	0.85 m³ **1.11 yd³**	914 mm **36"**	1061 kg **2,340 lb**	W	X
	1.02 m³ **1.34 yd³**	1067 mm **42"**	1161 kg **2,559 lb**	Y	Y
	1.20 m³ **1.57 yd³**	1219 mm **48"**	1293 kg **2,850 lb**	Z	Z

V – Used with material density up to 3,500 lb/yd³, W – Used with material density up to 3,000 lb/yd³
X – Used with material density up to 2,500 lb/yd³, Y – Used with material density up to 2,000 lb/yd³, Z – Not useable

WORKING RANGES

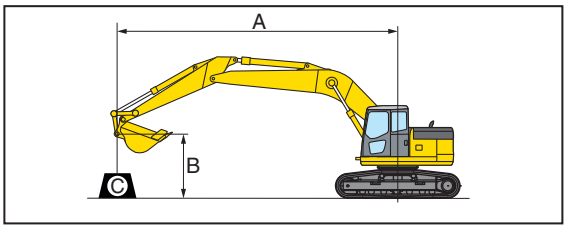
WORKING RANGE



	Arm	2925 mm	9'7"	2400 mm	7'11"
A	Max. digging height	10700 mm	35'1"	10380 mm	34'0"
B	Max. dumping height	7825 mm	25'8"	7470 mm	24'6"
C	Max. digging depth	6620 mm	21'9"	6095 mm	20'0"
D	Max. vertical wall digging depth	5980 mm	19'7"	5315 mm	17'5"
E	Max. digging depth 8' level bottom	6370 mm	20'11"	5840 mm	19'2"
F	Max. digging reach	9875 mm	32'5"	9395 mm	30'10"
G	Max. digging reach at ground level	9700 mm	31'10"	9205 mm	30'2"
H	Min. swing radius	2310 mm	7'7"	2700 mm	8'10"
I	Max. height at min. swing radius	8250 mm	27'1"	8340 mm	27'4"

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:
• Boom length: 5700 mm **18'8"**
• Bucket: 0.80 m³ **1.05 yd³**
- Bucket weight: 633 kg **1,396 lb.**
• Lifting mode: On

Arm: 2400 mm **7'11"** **Shoe:** 600 mm **24"** Unit: kg **lb**

A / B	1.5 m **5'**		3.0 m **10'**		4.6 m **15'**		6.1 m **20'**		7.6 m **25'**		⊗ Maximum	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.6 m **25'**					*5460 ***12,000**	*5460 ***12,000**					*4450 ***9,800**	*4450 ***9,800**
6.1 m **20'**					*5840 ***12,800**	*5840 ***12,800**	*5870 ***12,900**	4070 **8,900**			*4200 ***9,200**	3170 **7,000**
4.6 m **15'**			*9460 ***20,800**	*9460 ***20,800**	*7390 ***16,200**	6450 **14,200**	*6510 ***14,300**	3940 **8,600**	*4480 ***9,800**	2590 **5,700**	*4230 ***9,300**	2560 **5,600**
3.0 m **10'**					*9700 ***21,300**	5910 **13,000**	6530 **14,400**	3710 **8,100**	4470 **9,800**	2510 **5,500**	4060 **8,900**	2250 **4,900**
1.5 m **5'**					10140 **22,300**	5410 **11,900**	6270 **13,800**	3480 **7,600**	4360 **9,600**	2400 **5,300**	3910 **8,600**	2140 **4,700**
0.0 m **0'**			*7210 ***15,900**	*7210 ***15,900**	9820 **21,600**	5150 **11,300**	6090 **13,400**	3320 **7,300**	4270 **9,400**	2330 **5,100**	4020 **8,800**	2190 **4,800**
–1.5 m **–5'**	*7750 ***17,000**	*7750 ***17,000**	*12380 ***27,200**	10150 **22,300**	9740 **21,400**	5080 **11,200**	6020 **13,200**	3260 **7,200**			4470 **9,800**	2430 **5,300**
– 3.0 m **– 10'**	*12930 ***28,500**	*12930 ***28,500**	*17730 ***39,000**	10390 **22,900**	9840 **21,700**	5170 **11,400**	6090 **13,400**	3320 **7,300**			5570 **12,200**	3050 **6,700**
– 4.6 m **– 15'**			*14060 ***31,000**	10850 **23,900**	*9810 ***21,600**	5440 **12,000**					*8950 ***19,700**	4870 **10,700**

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Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.

Arm: 2925 mm **9'7"** **Shoe:** 600 mm **24"** Unit: kg **lb**

A / B	1.5 m **5'**		3.0 m **10'**		4.6 m **15'**		6.1 m **20'**		7.6 m **25'**		⊗ Maximum	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.6 m **25'**							*3560 ***7,800**	*3560 ***7,800**			*2950 ***6,500**	*2950 ***6,500**
6.1 m **20'**							*5340 ***11,700**	4220 **9,300**			*2790 ***6,100**	*2790 ***6,100**
4.6 m **15'**					*6600 ***14,500**	*6600 ***14,500**	*6030 ***13,300**	4070 **8,900**	*4550 ***10,000**	2700 **5,900**	*2810 ***6,200**	2370 **5,200**
3.0 m **10'**			*13820 ***30,400**	11970 **26,300**	*8930 ***19,700**	6110 **13,400**	6660 **14,600**	3830 **8,400**	4570 **10,000**	2600 **5,700**	*2960 ***6,500**	2110 **4,600**
1.5 m **5'**			*7380 ***16,200**	*7380 ***16,200**	10320 **22,700**	5570 **12,200**	6370 **14,000**	3580 **7,800**	4430 **9,700**	2480 **5,400**	*3250 ***7,100**	2010 **4,400**
0.0 m **0'**			*8270 ***18,200**	*8270 ***18,200**	9920 **21,800**	5240 **11,500**	6160 **13,500**	3390 **7,400**	4330 **9,500**	2380 **5,200**	3740 **8,200**	2040 **4,500**
–1.5 m **–5'**	*7260 ***16,000**	*7260 ***16,000**	*11680 ***25,700**	10100 **22,200**	9770 **21,500**	5110 **11,200**	6050 **13,300**	3290 **7,200**	4280 **9,400**	2340 **5,100**	4090 **9,000**	2230 **4,900**
– 3.0 m **– 10'**	*11100 ***24,400**	*11100 ***24,400**	*16770 ***36,900**	10290 **22,600**	9810 **21,600**	5150 **11,300**	6070 **13,300**	3310 **7,300**			4920 **10,800**	2700 **5,900**
– 4.6 m **– 15'**			*15740 ***34,700**	10670 **23,500**	9930 **21,900**	5250 **11,500**					7140 **15,700**	3930 **8,600**

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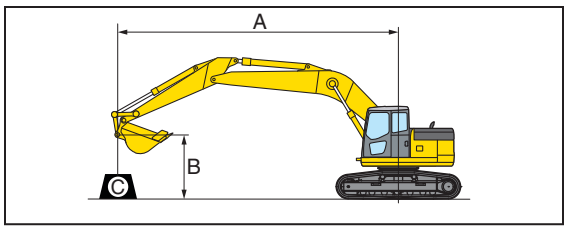
Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.

LIFTING CAPACITIES

LIFTING CAPACITY (CONTINUED)



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:
- Boom length: 5700 mm **18'8"**
- Bucket: 0.80 m³ **1.05 yd³**
  - Bucket weight: 633 kg **1,396 lb.**
- Lifting mode: On

Arm: 2400 mm **7'11"** **Shoe:** 700 mm **28"** Unit: kg **lb**

A / B	1.5 m **5'**		3.0 m **10'**		4.6 m **15'**		6.1 m **20'**		7.6 m **25'**		⊗ Maximum	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.6 m **25'**					*5460 ***12,000**	*5460 ***12,000**					*4450 ***9,800**	*4450 ***9,800**
6.1 m **20'**					*5840 ***12,800**	*5840 ***12,800**	*5870 ***12,900**	4130 **9,100**			*4200 ***9,200**	3220 **7,100**
4.6 m **15'**			*9460 ***20,800**	*9460 ***20,800**	*7390 ***16,200**	6350 **14,400**	*6510 ***14,300**	3990 **8,800**	*4480 ***9,800**	2630 **5,800**	*4230 ***9,300**	2600 **5,700**
3.0 m **10'**					*9700 ***21,300**	5990 **13,200**	6620 **14,600**	3760 **8,300**	4530 **10,000**	2550 **5,600**	4120 **9,000**	2290 **5,000**
1.5 m **5'**					10280 **22,600**	5490 **12,100**	6360 **14,000**	3530 **7,800**	4420 **9,700**	2440 **5,400**	3970 **8,700**	2180 **4,800**
0.0 m **0'**			*7210 ***15,900**	*7210 ***15,900**	9960 **21,900**	5230 **11,500**	6180 **13,600**	3370 **7,400**	4340 **9,500**	2370 **5,200**	4090 **9,000**	2230 **4,900**
–1.5 m **–5'**	*7750 ***17,000**	*7750 ***17,000**	*12380 ***27,200**	10290 **22,700**	9980 **21,800**	5160 **11,300**	6110 **13,400**	3310 **7,300**			4540 **10,000**	2480 **5,400**
– 3.0 m **– 10'**	*12930 ***28,500**	*12930 ***28,500**	*17730 ***39,000**	10540 **23,200**	9990 **22,000**	5250 **11,500**	6180 **13,600**	3370 **7,400**			5650 **12,400**	3100 **6,800**
– 4.6 m **– 15'**			*14060 ***31,000**	10990 **24,200**	*9810 ***21,600**	5520 **12,100**					*8950 ***19,700**	4940 **10,900**

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Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.

Arm: 2925 mm **9'7"** **Shoe:** 700 mm **28"** Unit: kg **lb**

A / B	1.5 m **5'**		3.0 m **10'**		4.6 m **15'**		6.1 m **20'**		7.6 m **25'**		⊗ Maximum	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.6 m **25'**							*3560 ***7,800**	*3560 ***7,800**			*2950 ***6,500**	*2950 ***6,500**
6.1 m **20'**							*5340 ***11,700**	4280 **9,400**			*2790 ***6,100**	*2790 ***6,100**
4.6 m **15'**					*6600 ***14,500**	*6600 ***14,500**	*6030 ***13,300**	4120 **9,100**	*4550 ***10,000**	2740 **6,000**	*2810 ***6,200**	2410 **5,300**
3.0 m **10'**			*13820 ***30,400**	12110 **26,700**	*8930 ***19,700**	6190 **13,600**	6750 **14,800**	3880 **8,500**	4630 **10,200**	2640 **5,800**	*2960 ***6,500**	2150 **4,700**
1.5 m **5'**			*7380 ***16,200**	*7380 ***16,200**	10460 **23,000**	5650 **12,400**	6450 **14,200**	3630 **8,000**	4500 **9,900**	2520 **5,500**	*3250 ***7,100**	2050 **4,500**
0.0 m **0'**			*8270 ***18,200**	*8270 ***18,200**	10060 **22,100**	5310 **11,700**	6250 **13,700**	3440 **7,500**	4390 **9,600**	2420 **5,300**	*3760 ***8,300**	2080 **4,500**
–1.5 m **–5'**	*7260 ***16,000**	*7260 ***16,000**	*11680 ***25,700**	10250 **22,600**	9910 **21,800**	5190 **11,400**	6140 **13,500**	3350 **7,300**	4350 **9,500**	2380 **5,200**	4150 **9,100**	2270 **5,000**
– 3.0 m **– 10'**	*11100 ***24,400**	*11100 ***24,400**	*16770 ***36,900**	10430 **23,000**	9960 **21,900**	5230 **11,500**	6160 **13,500**	3360 **7,400**			4990 **11,000**	2750 **6,000**
– 4.6 m **– 15'**			*15740 ***34,700**	10810 **23,800**	10070 **22,200**	5330 **11,700**					7250 **15,900**	3990 **8,800**

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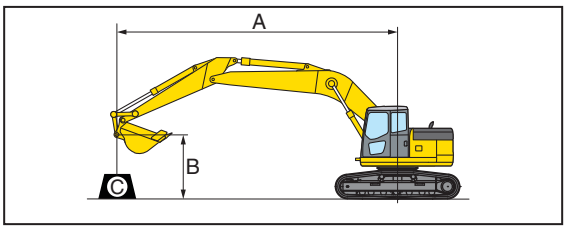
LIFTING CAPACITY



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:
- Boom length: 5700 mm **18'8"**
- Bucket: 1.05 m³ **0.80 yd³**
  - Bucket weight: 633 kg **1,396 lb.**
- Lifting mode: On

Arm: 2400 mm **7'11"** **Shoe:** 800 mm **31.5"** Unit: kg **lb**

A / B	1.5 m **5'**		3.0 m **10'**		4.6 m **15'**		6.1 m **20'**		7.6 m **25'**		⊛ Maximum	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.6 m **25'**					*5460 ***12,000**	*5460 ***12,000**					*4450 ***9,800**	*4450 ***9,800**
6.1 m **20'**					*5840 ***12,800**	*5840 ***12,800**	*5870 ***12,900**	4180 **9,200**			*4200 ***9,200**	3260 **7,200**
4.6 m **15'**			*9460 ***20,800**	*9460 ***20,800**	*7390 ***16,200**	6610 **14,500**	*6510 ***14,300**	4050 **8,900**	*4480 ***9,800**	2670 **5,800**	*4230 ***9,300**	2640 **5,800**
3.0 m **10'**					*9700 ***21,300**	6070 **13,300**	6710 **14,800**	3820 **8,400**	4600 **10,100**	2590 **5,700**	4190 **9,200**	2330 **5,100**
1.5 m **5'**					10430 **22,900**	5570 **12,200**	6450 **14,200**	3590 **7,900**	4490 **9,900**	2490 **5,400**	4040 **8,900**	2220 **4,900**
0.0 m **0'**			*7210 ***15,900**	*7210 ***15,900**	10110 **22,200**	5310 **11,700**	6270 **13,800**	3430 **7,500**	4410 **9,700**	2410 **5,300**	4160 **9,100**	2270 **5,000**
–1.5 m **–5'**	*7750 ***17,000**	*7750 ***17,000**	*12380 ***27,200**	10440 **23,000**	10030 **22,100**	5240 **11,500**	6210 **13,600**	3370 **7,400**			4610 **10,100**	2520 **5,500**
– 3.0 m **– 10'**	*12930 ***28,500**	*12930 ***28,500**	*17730 ***39,000**	10690 **23,500**	10130 **22,300**	5330 **11,700**	6270 **13,800**	3430 **7,500**			5740 **12,600**	3150 **6,900**
– 4.6 m **– 15'**			*14060 ***31,000**	11150 **24,500**	9810 **21,600**	5600 **12,300**					*8950 ***19,700**	5010 **11,000**

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Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.

Arm: 2925 mm **9'7"** **Shoe:** 800 mm **31.5"** Unit: kg **lb**

A / B	1.5 m **5'**		3.0 m **10'**		4.6 m **15'**		6.1 m **20'**		7.6 m **25'**		⊛ Maximum	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.6 m **25'**							*3560 ***7,800**	*3560 ***7,800**			*2950 ***6,500**	*2950 ***6,500**
6.1 m **20'**							*5340 ***11,700**	4330 **9,500**			*2790 ***6,100**	*2790 ***6,100**
4.6 m **15'**					*6600 ***14,500**	*6600 ***14,500**	*6030 ***13,300**	4180 **9,200**	*4550 ***10,000**	2790 **6,100**	*2810 ***6,200**	2450 **5,400**
3.0 m **10'**			*13820 ***30,400**	12260 **27,000**	*8930 ***19,700**	6270 **13,800**	6840 **15,000**	3940 **8,600**	4700 **10,300**	2680 **5,900**	*2960 ***6,500**	2190 **4,800**
1.5 m **5'**			*7380 ***16,200**	*7380 ***16,200**	10610 **23,400**	5730 **12,600**	6560 **14,400**	3940 **8,100**	4570 **10,000**	2560 **5,600**	*3250 ***7,100**	2080 **4,600**
0.0 m **0'**			*8270 ***18,200**	*8270 ***18,200**	10210 **22,500**	5390 **11,900**	6340 **13,900**	3500 **7,700**	4460 **9,800**	2460 **5,400**	3760 **8,300**	2110 **4,600**
–1.5 m **–5'**	*7260 ***16,000**	*7260 ***16,000**	*11680 ***25,700**	10400 **22,900**	10060 **22,100**	5270 **11,600**	6240 **13,700**	3400 **7,500**	4420 **9,700**	2420 **5,300**	4220 **9,300**	2310 **5,100**
– 3.0 m **– 10'**	*11100 ***24,400**	*11100 ***24,400**	*16770 ***36,900**	10580 **23,300**	10100 **22,200**	5310 **11,700**	6260 **13,800**	3420 **7,500**			5070 **11,100**	2800 **6,100**
– 4.6 m **– 15'**			*15740 ***34,700**	10960 **24,100**	10220 **22,500**	5410 **11,900**					7350 **16,200**	4050 **8,900**

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Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.

STANDARD EQUIPMENT

- 12 Volt cab supply
- AM/FM radio
- Automatic air conditioner/heater
- Auto-decel
- Automatic deaeration system for fuel line
- Automatic engine warm-up system
- Alternator, 60 Ampere, 24V
- Batteries, large capacity
- Boom and arm holding valves
- Cab
- Counterweight, 6060 kg **13,360 lb**
- Dry type air cleaner, double element
- EMMS monitoring system
- Engine, Komatsu SAA6D107E-1
- Engine overheat prevention system
- Fan guard structure
- Front working lights
- Fuel system pre-filter 10 micron
- KOMTRAX®
- Electric horn
- Mirrors (4)
- Multi-function color monitor
- Power maximizing system
- PPC hydraulic control system
- Pump/engine room partition cover
- Rain visor for cab
- Radiator and oil cooler dustproof net
- Revolving frame undercovers
- Reclining suspension seat
- Seat belt, retractable 78 mm **3"** wide
- Service valve (1 additional)
- Slip resistant foot surfaces
- Starting motor, 5.5 kW
- Track guiding guard (each side)
- Travel alarm
- Turbocharger exhaust manifold cover
- Working mode selection system

OPTIONAL EQUIPMENT

- Arm
  - —2400 mm **7'11"** arm
  - —2400 mm **7'11"** arm with piping
  - —2925 mm **9'7"** arm
  - —2925 mm **9'7"** arm with piping
- Boom
  - —5700 mm **18'8"** HD boom
  - —5700 mm **18'8"** HD boom with piping
- Dozer blade 2985 mm **9'10"** wide (for 600 mm **24"** shoes only)
- Hydraulic control unit
  - —1 additional actuator
  - —2 additional actuators
- Pattern change valve
- Shoes
  - —600 mm **24"** road liner
  - —600 mm **24"** triple grouser
  - —700 mm **28"** triple grouser
  - —800 mm **31.5"** triple grouser
- Sun visor for cab
- Track frame center undercover

AESS689-02

DK03(5M)C 03/08 (EV-1)

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