KOMATSU®

FLYWHEEL HORSEPOWER
485 kW 651 HP @ 1800 rpm

OPERATING WEIGHT
106700–113200 kg
235,270–249,560 lb

PC1250-7 BACKHOE
PC1250-7 LOADING SHOVEL

PC 1250

GALEO

HYDRAULIC EXCAVATOR

PC1250-7 Series Hydraulic Excavator

WALK-AROUND

Protected hydraulic circuit

- The cool-running hydraulic system is protected with the most extensive filtration system available, including a high pressure in-line filter for each main pump.

Advanced monitor features

- Machine condition can be checked with Equipment Management Monitoring System (EMMS) See page 5.
- Two working modes combine with heavy lift mode for maximum productivity See page 5.

Productivity Features

- ***Largest digging force***
  Bucket digging force and arm crowd force are largest in its class.
- ***Largest bucket capacity*** in its class. The wide opening shape and shallow bottom facilitates loading.
- ***Faster hydraulics***
  The high-output engine on the PC1250-7 provides plenty of hydraulic horsepower for faster cycle times and increased productivity.
- ***Fuel consumption*** is reduced 13% with Economy Mode. See page 4.

Excellent Reliability and Durability

- ***Strengthened boom*** and arm have larger cross-sections and improved welding for maximum strength and reliability.
- ***Two-mode setting for boom***
  Switch selection allows either powerful digging or smooth boom operation.
- ***Shockless boom***
  Switch selection reduces chassis vibration after sudden stops. See page 5.
- ***Boom foot hoses*** are arranged on the inside, improving hose life and safety. See page 6.

PC1250-7
HYDRAULIC EXCAVATOR

FLYWHEEL HORSEPOWER
485 kW **651 HP** @ 1800 rpm

OPERATING WEIGHT
106700–113200 kg
235,270 – 249,560 lb

BACKHOE
3.4–6.7 m³ **4.4–8.8 yd³**

LOADING SHOVEL
6.5 m³ **8.5 yd³**

Harmony with Environment

- Low emission engine
  Powerful turbocharged and air-to-air aftercooled Komatsu SAA6D170E-3 engine provides 485 kW **651 flywheel HP**. The engine meets EPA, EU, Tier II emissions regulations without sacrificing power or machine productivity.
  See page 4.

Large Comfortable Cab

- Low noise and vibration with cab damper mounting
- Large-capacity cab with narrow corner posts provides improved visibility
- Large-capacity air conditioner
  Pressurized cab prevents external dust from entering
  See page 8.

Easy maintenance

- Replacement intervals are extended for engine oil, engine oil filter, and hydraulic filter

Sturdy guards shield the travel motors against damage from rocks.

Large platform and catwalk provide easy access to the engine and hydraulic equipment

Highly Reliable Electronic Devices

Exclusively designed electronic devices have passed severe testing.

- Controller - Sensors - Connectors - Heat resistant wiring

See page 7.

GALEO

Komatsu's highly productive, innovative technology, environmentally friendly machines built for the 21st century.

Productivity Features

High Production and Low Fuel Consumption

Engine

The PC1250-7 gets its exceptional power and work capacity from its Komatsu SAA6D170E-3 engine. Output is 485 kW **651 HP** providing more hydraulic power.

In addition, the fuel consumption is reduced by 13% when using Economy Mode.

The engine meets EPA and EU Tier II emission regulations. Noise levels are reduced for greater operator comfort.

Largest Bucket Capacity

Bucket capacity is the largest in its class and its large opening and shallow bottom offers easy loading

.

Improved Machine Stability

The center of gravity moves to the rear and a 18.0 tonne **19.8 U.S. ton** counterweight provides the stability and lifting capacity needed for maximum productivity.

Additional Features

- Large digging force
- Large drawbar pull
- Fast hydraulics

Working Mode Selection

Hydraulics

Unique three-pump system assures smooth compound movement of the work equipment. OLSS (Open Center Load Sensing System) controls all three pumps for efficient engine power use. This system also reduces hydraulic loss during operation.

Active and Economy mode

The PC1250-7 excavator is equipped with two working modes. Each mode is designed to match engine speed, pump speed, and system pressure with the current application, giving the operator flexibility to match equipment performance to the job at hand.

Working Mode	Application	Advantage
A	Active Mode	● Maximum production/power ● Fast cycle times
E	Economy Mode	● Good cycle times ● Good fuel economy

Heavy Lift Mode

Gives the operator approximately 10% more lifting force on the boom when needed for handling rock or heavy lifting applications.

Two Settings for the Boom

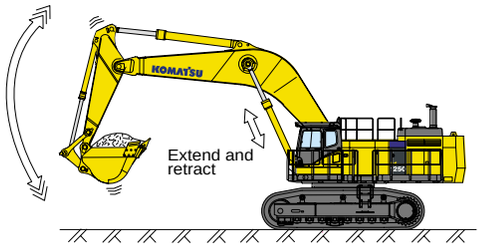
Smooth mode provides easy operation for gathering blasted rock and scraping operations. When maximum digging force is needed, switch to **power mode** for more effective excavating.

Swing priority setting

The swing priority setting allows the operator to use the same easy motion for 180˚ loading as 90˚ loading operations. By altering the oil flow this setting allows you to select either boom or swing as the priority for increased production.

Shockless Boom Control

The PC1250-7 features a shockless valve (double-check slow return valve) that automatically reduces the amount of vibration present when operating the boom. Operator fatigue is reduced (which can improve safety and productivity), and spillage caused by vibration is prevented.



Self-Diagnostic Monitor

EMMS (Equipment Management Monitoring System)

1. Monitor Function
   Controller monitors engine oil level, coolant temperature, battery charge and air clogging, etc.
   The controller finds any abnormality, and displays it on the LCD.
2. Maintenance Monitor Function informs replacement time of oil and filters on LCD when the replacement interval is reached.
3. Trouble Data Memory Function stores machine abnormalities (error codes) in the monitor for effective trouble shooting.

Maintenance Features

Easy Maintenance

Komatsu designed the PC1250-7 for easy service access.

Wide walkways for maintenance are provided around the engine and hydraulic components, allowing easy access for inspection and maintenance points. Access doors open outward, making inspection of the engine and hydraulic systems easy.

Large service doors provide easy access to the engine compartments. (Photo shown with side door open to front of engine).

The **boom foot hoses** are arranged inside to reduce hose bend during operation, extending hose life and improving operator safety.

Reduced Maintenance Costs

Replacement intervals of engine oil, engine oil filter, and hydraulic oil filter are extended to 500 hours, and replacement interval of hydraulic oil is extended to 5000 hours.

Quick couplers for hydraulic pressure inspection provides easy trouble-shooting of the hydraulic system.

Machine Availability Is Increased by Vehicle Health Monitoring System (VHMS) (Optional)

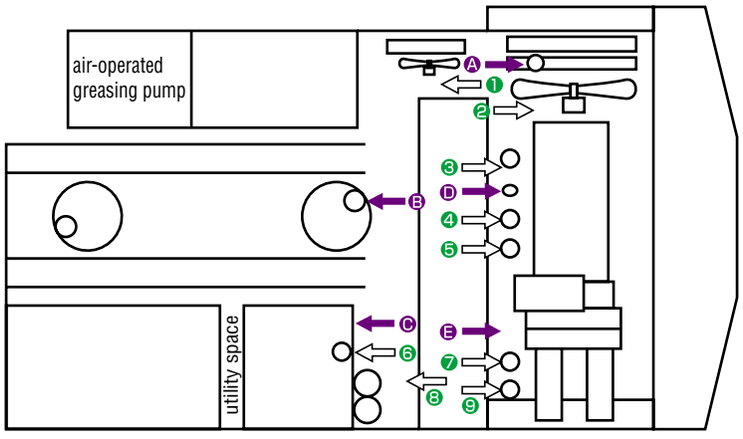
Vehicle Health Monitoring System (VHMS) collects and stores operation data of machine and major components in real time. Collected data are not only various kinds of machine data such as engine oil temperature, engine exhaust temperature etc, but also includes operating condition data such as fuel consumption, engine load factor etc.

These data can be utilized by downloading personal computer to effectively diagnosis machine health conditions.

Moreover, combined with EMMS function which displays error code, machine and maintenance information on color graphics screen (patent pending), VHMS reduces maintenance time and increases machine availability.

Orbit communication function (Orbcomm) available as an upgraded feature of VHMS enables remote monitoring of the machine condition.

Centralized Easy Access Service Points



- A Coolant
- B Swing machinery
- C Hydraulic tank
- D Engine oil
- E PTO case
- 1 Aftercooler fan mount
- 2 Fan belt
- 3 Corrosion resister
- 4 Fuel filter
- 5 Engine oil filter
- 6 Hydraulic drain filter
- 7 Pilot filter
- 8 Return filter
- 9 PTO lubricating oil filter

Increased Reliability

The PC1250-7 incorporates many improvements in strength and reliability.

Frame structure. Plate thickness of the revolving frame and center frame is increased and stiffener plates are added to improve durability.

The **boom and arm** have increased cross section and plate thickness, as well as continuous both-side groove welding, improving digging and side contact strength.

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

In-line filtration

High-pressure in-line filtration. The PC1250-7 has the most extensive filtration system available, providing in-line filters as standard equipment. An in-line filter in the outlet port of each main hydraulic pump reduces failures caused by contamination.

The **undercarriage** is strengthened to provide excellent reliability and durability when working on rocky ground or blasted rock.

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

Heat-resistant wiring is employed around engine for improved reliability.

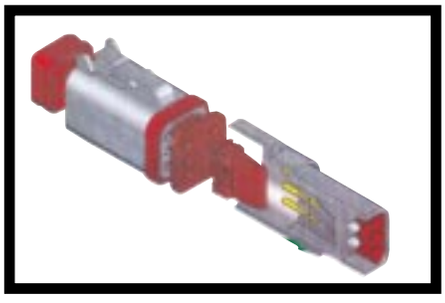
With the **circuit breaker**, the machine can be easily restarted after repair.

FEM stress analysis

Sturdy guards shield the piping against damage from rocks.

Sturdy guards shield the travel motors against damage from rocks.

Track roller guard (full length) (optional)



New **DT-type connectors** seal tight and have higher reliability.

Working Environment

The cab interior *is spacious and provides a comfortable working environment…*

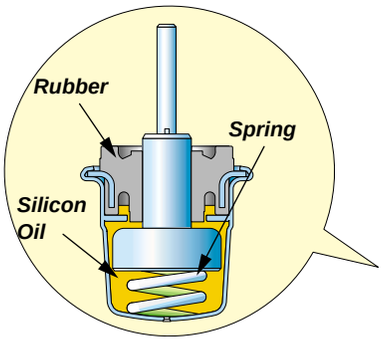
Operator's Cab

Superb Visibility

The PC1250-7's large capacity cab and increased glass area provide superb front visibility.

Cab Mounts

The new cab damper mounting reduces vibration and noise at operator's seat.



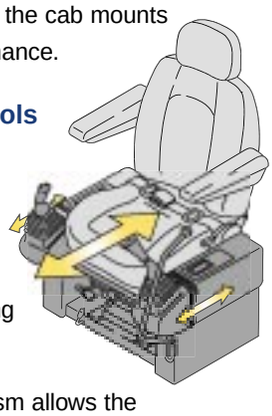
Pull up front window with assist

Photo shown includes Falling Object Guard (FOG).

Noise

The noise levels at the operator's ear are decreased by improving the cab mounts and cab sealing performance.

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.

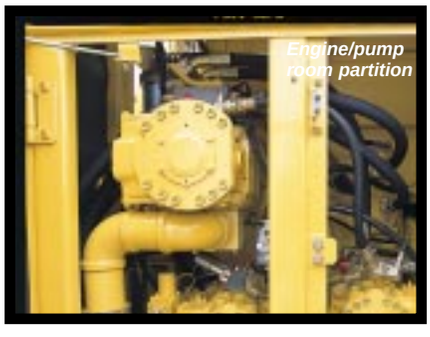
Pressurized Cab

Cab pressurization is increased to prevent external dust from entering the cab with optional air conditioner.

Automatic Air Conditioner

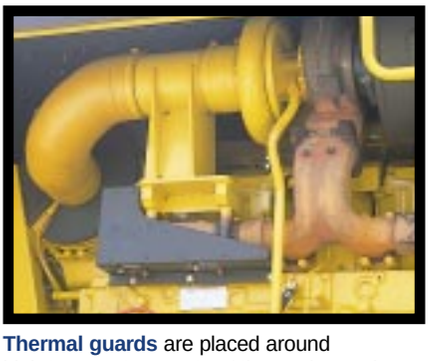
A 6,900 kcal **27,400 BTu** (SAE) air conditioner is utilized. The bi-level control function keeps the operator's head and feet cool and warm respectively. This improved air flow function keeps the inside of the cab comfortable throughout the year.

Safety Features



Engine/pump room partition prevents oil from spraying on the engine if a hydraulic hose should burst.

Step light with timer automatically provides light for two minutes to allow the operator to get off the machine safely.



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

Large handrails and wide walkways
are provided around revolving frame for easier and safer access to engine and hydraulic components.

Horn interconnected with flashing light
allow the operator to signal dump truck drivers and ground workers both audibly and visibly.

SPECIFICATIONS

ENGINE

Model . . . . . Komatsu SAA6D170E-3
Type . . . . . 4-cycle, water-cooled, direct injection
Aspiration . . . . . Turbocharged and air-to-air aftercooled
Number of cylinders 6
Bore . . . . . 170 mm **6.69"**
Stroke . . . . . 170 mm **6.69"**
Piston displacement . . . . . 23.15 ltr 1,413 in^3
Flywheel horsepower . . . . . 485 kW **651 HP** @ 1800 rpm (SAE J1349)
Governor . . . . . All-speed, electronic

Meets 2001 EPA emission regulations, EPA Tier 2 emission ready.

HYDRAULIC SYSTEM

Type . . . . . Open-center load-sensing system
Number of selectable working modes 2

Main pump:
Type . . . . . Variable-capacity piston pumps
Pumps for . . . . . Boom, arm, bucket, swing, and travel circuits

Maximum flow:
Main . . . . . 2 x 494 ltr/min **2 x 130.5 U.S. gpm**
Swing . . . . . 1 x 629 ltr/min **1 x 166.2 U.S. gpm**

Sub-pump for control circuit . . . . . Gear pump

Hydraulic motors:
Travel . . . . . 2 x axial piston motor with parking brake
Swing . . . . . 2 x axial piston motor with swing holding brake

Relief valve setting:

Implement circuits	31.4 MPa	320 kg/cm^2	**4,550 psi**
Travel circuit	34.3 MPa	350 kg/cm^2	**4,980 psi**
Swing circuit	27.0 MPa	275 kg/cm^2	**3,910 psi**
Pilot circuit	2.9 MPa	30 kg/cm^2	**430 psi**

Hydraulic cylinders:
Number of cylinders—bore x stroke

Boom	2 – 225 mm x 2390 mm	**8.9" x 94.1"**
Arm	1 – 250 mm x 2435 mm	**9.8" x 95.9"**
Bucket		
Std	2 – 160 mm x 1825 mm	**6.3" x 71.8"**
SP	2 – 160 mm x 1950 mm	**6.3" x 76.8"**

SWING SYSTEM

Driven by . . . . . Hydraulic motor
Swing reduction . . . . . Planetary gear
Swing circle lubrication . . . . . Grease-bathed
Swing lock . . . . . Oil disc brake
Swing speed . . . . . 5.5 rpm
Swing torque . . . . . 42352 kg•m **306,234 ft lbs**

DRIVES AND BRAKES

Steering control . . . . . Two levers with pedals
Drive method . . . . . Fully hydrostatic
Travel motor . . . . . Axial piston motor, in-shoe design
Reduction system . . . . . Planetary triple reduction
Maximum drawbar pull . . . . . 70000 kg **154,320 lb**
Gradability 70%
Maximum travel speed
Low . . . . . 2.1 km/h **1.3 mph**
High . . . . . 3.2 km/h **2.0 mph**
Service brake . . . . . Hydraulic lock
Parking brake . . . . . Oil disc brake

UNDERCARRIAGE

Center frame . . . . . H-leg frame
Track frame . . . . . Box-section
Track chain . . . . . Sealed
Track adjuster . . . . . Hydraulic
No. of shoes:
Standard and SP . . . . . 48 each side
LC . . . . . 55 each side
No. of carrier rollers . . . . . 3 each side
No. of track rollers:
Standard and SP . . . . . 8 each side
LC . . . . . 10 each side

COOLANT AND LUBRICANT CAPACITY (REFILLING)

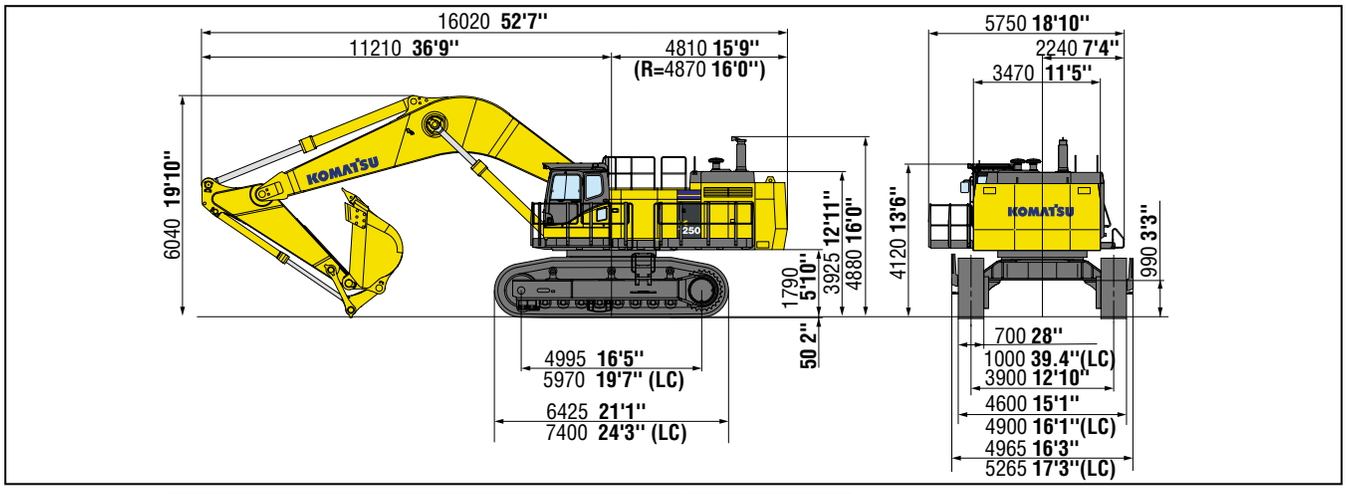
Fuel tank	1360 ltr	**359.3 U.S. gal**
Radiator	140 ltr	**37.3 U.S. gal**
Engine	56 ltr	**14.8 U.S. gal**
Final drive, each side	20 ltr	**5.3 U.S. gal**
Swing drive	24 ltr	**6.3 U.S. gal**
Hydraulic tank	670 ltr	**177.0 U.S. gal**

OPERATING WEIGHT (APPROXIMATE)

PC1250-7/PC1250LC-7: Operating weight, including 9100 mm **29'10"** boom, 3400 mm **11'2"** arm, SAE heaped 5.0 m^3 **6.5 yd^3** backhoe bucket, operator, lubricant, coolant, full fuel tank, and the standard equipment.
PC1250SP-7: Operating weight, including 7800 mm **25'7"** boom, 3400 mm **11'2"** arm, SAE heaped 6.7 m^3 **8.8 yd^3** backhoe bucket, full length roller guard, operator, lubricant, coolant, full fuel tank, and the standard equipment.

Double-Grouser Shoes	PC1250-7	
	Operating Weight	Ground Pressure
PC1250-7 700 mm **28"**	106700 kg **235,270 lb**	1.40 kg/cm^2 **19.9 psi**
PC1250-7 1000 mm **39.4"**	109010 kg **240,330 lb**	0.99 kg/cm^2 **14.1 psi**
PC1250SP-7 700 mm **28"**	109500 kg **241,410 lb**	1.43 kg/cm^2 **20.3 psi**
PC1250LC-7 1000 mm **39.4"**	113200 kg **249,560 lb**	.88 kg/cm^2 **12.5 psi**
PC1250LC-7 1200 mm **47.25"**	114700 kg **252,870 lb**	.75 kg/cm^2 **10.4 psi**

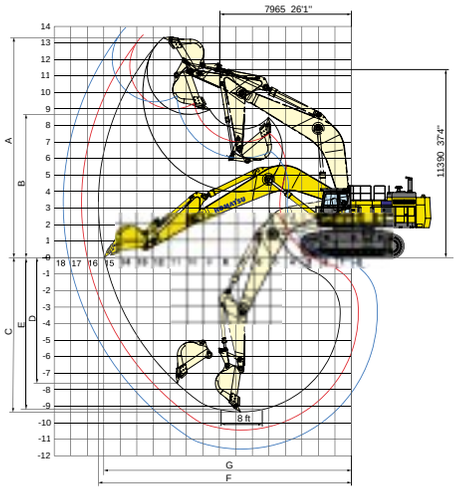
BACKHOE DIMENSIONS



	PC1250-7/PC1250LC-7			PC1250SP-7
	3.4 m **11'2"** arm	4.5 m **14'9"** arm	5.7 m **18'8"** arm	3.4 m **11'2"** arm
A Overall Height	6040 mm **19'10"**	6460 mm **21'2"**	6990 mm **22'11"**	6265 mm **20'7"**
B Overall Length	16020 mm **52'7"**	16050 mm **52'8"**	15840 mm **52'0"**	14790 mm **48'6"**

WORKING RANGE

Unit: mm **ft in**



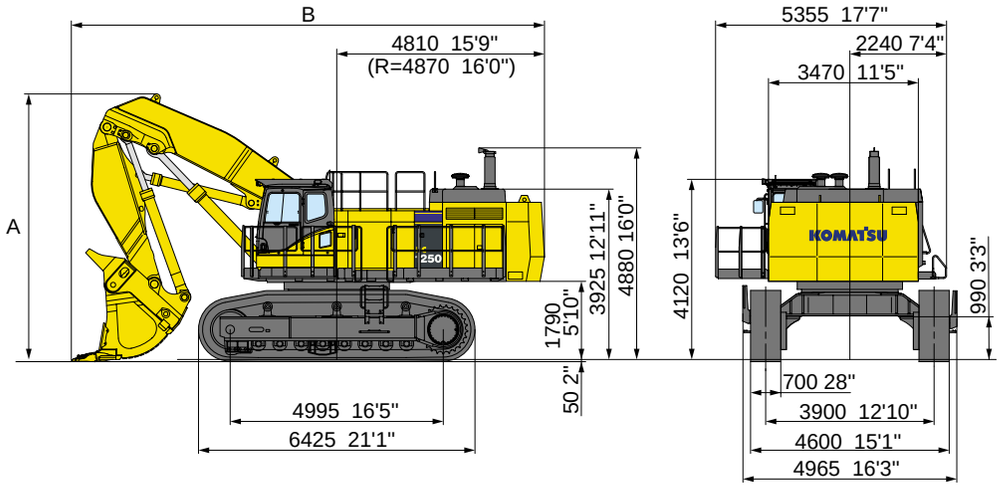
	PC1250-7, PC1250LC-7			PC1250SP-7
	3.4 m **11'2"** arm	4.5 m **14'9"** arm	5.7 m **18'8"** arm	3.4 m **11'2"** arm
A Max. digging height	13400 mm **44'0"**	13490 mm **44'3"**	13910 mm **45'8"**	13000 mm **42'8"**
B Max. dumping height	8680 mm **28'6"**	9000 mm **29'6"**	9440 mm **31'0"**	8450 mm **27'9"**
C Max. digging depth	9350 mm **30'8"**	10440 mm **34'3"**	11590 mm **38'0"**	7900 mm **25'11"**
D Max. vertical wall digging depth	7610 mm **25'0"**	8490 mm **27'10"**	9480 mm **31'1"**	5025 mm **16'6"**
E Max. digging depth of cut for 8' level	9220 mm **30'3"**	10340 mm **33'11"**	11500 mm **37'9"**	7745 mm **25'5"**
F Max. digging reach	15350 mm **50'4"**	16340 mm **53'7"**	17450 mm **57'3"**	14070 mm **46'2"**
G Max. digging reach at ground level	15000 mm **49'3"**	16000 mm **52'6"**	17130 mm **56'2"**	13670 mm **44'10"**
H Min. swing radius	7965 mm **26'2"**	7990 mm **26'3"**	8150 mm **26'9"**	6415 mm **21'1"**
Bucket digging force (SAE)	43000 kg **94,800 lb**	43000 kg **94,800 lb**	35000 kg **77,160 lb**	51200 kg **112,900 lb**
Arm crowd force (SAE)	40000 kg **88,180 lb**	33300 kg **73,410 lb**	28700 kg **63,270 lb**	40300 kg **88,860 lb**
Bucket digging force (ISO)	48800 kg **107,590 lb**	48800 kg **107,590 lb**	39700 kg **87,520 lb**	58100 kg **128,110 lb**
Arm crowd force (ISO)	41700 kg **91,930 lb**	34400 kg **75,840 lb**	29200 kg **64,375 lb**	42000 kg **91,950 lb**

BACKHOE BUCKET, ARM, AND BOOM COMBINATION

BUCKET CAPACITY (HEAPED)				WIDTH				WEIGHT		ARM LENGTH		
SAE, PCSA		CECE		Without Side cutters or shrouds		With Side cutters or shrouds		(with side cutters)		m ft in		
m^3	yd^3	m^3	yd^3	mm	in	mm	in	kg	lb	3.4 **11'2"**	4.5 **14'9"**	5.7 **18'8"**
PC1250-7 (use with 9.1 m **29'1" boom)**												
3.4	**4.4**	3.0	**3.9**	1500	**59"**	1670	**65.7"**	3600	**7,940**	○	○	▲
4.0	**5.2**	3.5	**4.6**	1710	**67.3"**	1880	**74"**	3800	**8,380**	○	▲	□
5.0	**6.5**	4.3	**5.6**	2050	**80.7"**	2220	**87.4"**	4400	**9,700**	▲	□	—
5.2	**6.8**	4.5	**5.9**	2050	**80.7"**	2110	**83.1"**	5100	**11,240**	▲	—	—
PC1250SP-7 (use with 7.8 m **25'7" boom)**										3.4 **11'2"**	—	—
6.7	**8.8**	5.9	**7.7**	2280	**89.8"**	2340	**92.1"**	6000	**13,230**		○	

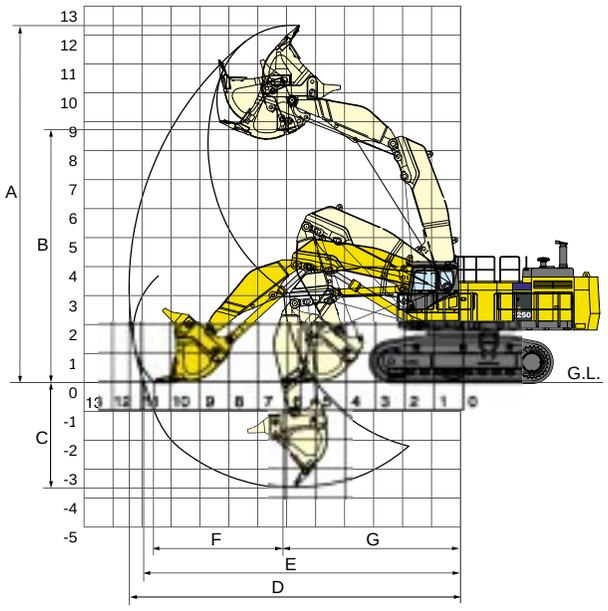
These charts are based on over-side stability with fully loaded bucket at maximum reach.
○: General purpose use, density up to 2.1 t/m^3 3,500 lb/yd^3
▲: General purpose use, density up to 1.8 t/m^3 3,000 lb/yd^3
□: General purpose use, density up to 1.5 t/m^3 2,500 lb/yd^3
—: Not useable

LOADING SHOVEL DIMENSIONS



Type of bucket		Bottom dump
	Capacity–heaped	6.5 m³ **8.5 yd³**
A	Overall Height	6200 mm **20'4"**
B	Overall Length	10940 mm **35'11"**

WORKING RANGE AND BUCKET SELECTION



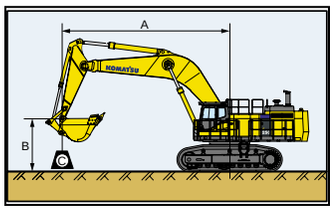
WORKING RANGE

	Type of bucket	Bottom dump	
	Capacity–heaped	6.5 m³	**8.5 yd³**
A	Max. cutting height	12330 mm	**40'5"**
B	Max. dumping height	8700 mm	**28'7"**
C	Max. digging depth	3650 mm	**12'0"**
D	Max. digging reach	11400 mm	**37'5"**
E	Max. digging reach at ground level	10900 mm	**35'9"**
F	Level crowding distance	4480 mm	**14'8"**
G	Min. crowd distance	6130 mm	**20'1"**
	Bucket digging force	59000 kg	**130,100 lb**
	Arm crowd force	62000 kg	**136,710 lb**

BUCKET SELECTION

Type of bucket	Bottom dump	
Capacity–heaped	6.5 m³	**8.5 yd³**
Width	2680 mm	**105.5"**
Weight	9700 kg	**21,390 lb**
No. of bucket teeth	6	
Recommended uses	General-purpose digging and loading	

PC1250-7 LIFTING CAPACITY



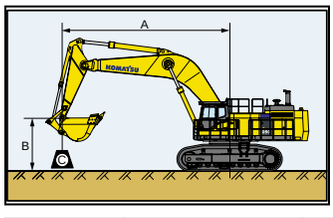
PC1250-7
Equipment:
- Boom: 9.1 m **29'10"**
- Arm: 3.4 m **11'2"**
- Bucket: 5.0 m³ **6.5 yd³**

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

Unit: kg **lb**

	A / B	☢ Maximum		12.2 m **40'**		10.7 m **35'**		9.1 m **30'**		7.6 m **25'**		6.1 m **20'**		4.6 m **15'**	
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
34.3MPa(Heavy Lift **On**)	9.1 m **30'**	*15200 ***33,500**	*15200 ***33,500**			*18000 ***39,700**	17900 **39,400**								
	6.1 m **20'**	*15950 ***35,100**	12900 **28,500**			*20000 ***44,200**	17100 **37,700**	*22950 ***50,600**	22750 **50,200**	*27900 ***61,500**	*27900 ***61,500**				
	3.0 m **10'**	15350 **33,800**	11600 **25,600**	16050 **35,400**	12200 **26,900**	20500 **45,200**	15750 **34,800**	26550 **58,600**	20500 **45,200**	*34950 ***77,000**	27150 **59,800**				
	0.0 m **0'**	15950 **35,200**	12050 **26,500**			19600 **43,200**	14900 **32,800**	23750 **52,400**	17850 **39.300**	33800 **74,600**	25600 **56,400**				
	–3.0 m **–10'**	19600 **43,200**	14900 **32,900**			19650 **43,300**	14950 **33,000**	25150 **55,400**	19150 **42,200**	34050 **75,000**	25800 **56,800**	*43850 ***96,700**	37750 **83,200**	*39250 ***86,600**	*39250 ***86,600**
	–6.1 m **–20'**	*23500 ***51,800**	*23500 ***51,800**							*25400 ***56,000**	*25400 ***56,000**	*32550 ***71,700**	*32550 ***71,700**		
31.4MPa(Heavy Lift **Off**)	9.1 m **30'**	*15200 ***33,500**	*15200 ***33,500**			*15500 ***34,200**	*15500 ***34,200**								
	6.1 m **20'**	*15850 ***34,900**	12900 **28,500**			*17300 ***38,100**	17100 **37,700**	*19950 ***44,000**	*19950 ***44,000**	*24400 ***53,800**	*24400 ***53,800**				
	3.0 m **10'**	15350 **33,800**	11600 **25,600**	16050 **35,400**	12200 **26,900**	*19800 ***43,700**	15750 **34,800**	*23900 ***52,700**	20500 **45,200**	*30550 ***67,400**	27150 **59,800**				
	0.0 m **0'**	15950 **35,200**	12050 **26,500**			19600 **43,200**	14900 **32,800**	*23750 ***52,400**	17850 **39,300**	*32650 ***72,000**	25600 **56,400**				
	–3.0 m **–10'**	*19600 ***43,200**	14900 **32,900**			*19650 ***43,300**	14950 **33,000**	*24750 ***54,600**	19150 **42,200**	*30750 ***67,800**	25800 **56,800**	*38350 ***84,500**	37750 **83,200**	*39250 ***86,600**	*39250 ***86,600**
	–6.1 m **–20'**	*20150 ***44,500**	*20150 ***44,500**							*21900 ***48,200**	*21900 ***48,200**	*28150 ***62,100**	*28150 ***62,100**		

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



PC1250-7
Equipment:
- Boom: 9.1 m **29'10"**
- Arm: 4.5 m **14'9"**
- Bucket: 4.0 m³ **5.2 yd³**

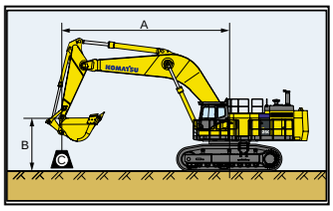
A: Reach from swing center
B: Bucket hook height
C: Lifting capacity
Cf: Rating over front
Cs: Rating over side
☢: Rating at maximum reach

Unit: kg **lb**

	A / B	☢ Maximum		12.2 m **40'**		10.7 m **35'**		9.1 m **30'**		7.6 m **25'**		6.1 m **20'**		4.6 m **15'**	
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
34.3MPa(Heavy Lift **On**)	9.1 m **30'**	*9300 ***20,500**	*9300 ***20,500**												
	6.1 m **20'**	*9650 ***21,300**	*9650 ***21,300**	*16650 ***36700**	13400 **29,600**	*18150 ***40,000**	17700 **39,000**	*20550 ***45,300**	*20550 ***45,300**						
	3.0 m **10'**	*10950 ***24,200**	9950 **21,900**	16350 **36,000**	12450 **27,500**	20800 **45,900**	16050 **35,400**	*25600 ***56,500**	20950 **46,200**	*32350 ***71,300**	28000 **61,800**				
	0.0 m **0'**	13650 **30,100**	10150 **22,400**	15550 **34,300**	11700 **25,800**	19550 **43,100**	14850 **32,700**	24100 **53,100**	18150 **40,000**	33850 **74,700**	25600 **56,500**	*29300 ***64,600**	*29300 ***64,600**		
	–3.0 m **–10'**	16100 **35,500**	12100 **26,700**			19200 **42,300**	14500 **31,900**	24650 **54,400**	18700 **41,200**	33400 **73,700**	25200 **55,500**	*46300 ***102,200**	36800 **81,100**	*31900 ***70,300**	*31900 ***70,300**
	–6.1 m **–20'**	*21750 ***48,000**	18350 **40,500**					*23650 ***52,100**	19600 **43,200**	*28850 ***63,600**	24700 **54,400**	*38200 ***84,200**	*38200 ***84,200**	*48900 ***107,800**	*48900 ***107,800**
31.4MPa(Heavy Lift **Off**)	9.1 m **30'**	*9300 ***20,500**	*9300 ***20,500**												
	6.1 m **20'**	*9650 ***21,300**	*9650 ***21,300**	*14250 ***31,400**	13400 **29,600**	*15600 ***34,400**	*15600 ***34,400**	*17850 ***39,300**	*17850 ***39,300**						
	3.0 m **10'**	*10950 ***24,200**	9950 **21,900**	*16050 ***35,400**	12450 **27,500**	*18500 ***40,800**	16050 **35,400**	*22250 ***49,000**	20950 **46,200**	*28250 ***62,300**	28000 **61,800**				
	0.0 m **0'**	13650 **30,100**	10150 **22,400**	15550 **34,300**	11700 **25,800**	19550 **43,100**	14850 **32,700**	24100 **53,100**	18150 **40,000**	*31950 ***70,400**	25600 **56,500**	*29300 ***64,600**	*29300 ***64,600**		
	–3.0 m **–10'**	16100 **35,500**	12100 **26,700**			19200 **42,300**	14500 **31,900**	24650 **54,400**	18700 **41,200**	*31650 ***69,800**	25200 **55,500**	*40550 ***89,400**	36800 **81,100**	*31900 ***70,300**	*31900 ***70,300**
	–6.1 m **–20'**	*18650 ***41,100**	18350 **40,500**					*20300 ***44,800**	19600 **43,200**	*24800 ***54,700**	24700 **54,400**	*33200 ***73,200**	*33200 ***73,200**	*42600 ***93,900**	*42600 ***93,900**

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

PC1250-7 LIFTING CAPACITY



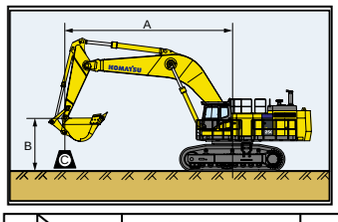
PC1250-7
Equipment:
- Boom: 9.1 m **29'10"**
- Arm: 5.7 m **18'8"**
- Bucket: 3.4 m³ **4.4 yd³**

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

Unit: kg **lb**

	A / B	⛐ Maximum		13.7 m **45'**		12.2 m **40'**		10.7 m **35'**		9.1 m **30'**		7.6 m **25'**		6.1 m **20'**	
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
34.3MPa(Heavy Lift **On**)	9.1 m **30'**	*5900 ***13,000**	*5900 ***13,000**												
	6.1 m **20'**	*6050 ***13,400**	*6050 ***13,400**	*11050 ***24,300**	10700 **23,600**	*14950 ***32,900**	14050 **31,000**								
	3.0 m **10'**	*6800 ***15,000**	*6800 ***15,000**	13300 **29,300**	10000 **22,000**	16750 **36,900**	12850 **28,300**	*19800 ***43,700**	16550 **36,500**	*23450 ***51,700**	21650 **47,800**	*29300 ***64,600**	29200 **64,400**	*39750 ***87,600**	*39750 ***87,600**
	0.0 m **0'**	*8400 ***18,500**	*8400 ***18,500**	12600 **27,800**	9350 **20,600**	15650 **34,500**	11800 **26,000**	19700 **43,500**	15000 **33,100**	25450 **56,100**	19400 **42,800**	34250 **75,500**	25950 **57,200**	*31200 ***68,800**	*31200 ***68,800**
	–3.0 m **–10'**	*11500 ***25,400**	9900 **21,900**			15150 **33,500**	11350 **25,000**	18950 **41,800**	14250 **31,400**	24400 **53,800**	18450 **40,600**	33050 **72,800**	24850 **54,700**	*43900 ***96,800**	36100 **79,600**
	–6.1 m **–20'**	18250 **40,200**	13800 **30,400**					19350 **42,700**	14650 **32,300**	24750 **54,600**	18750 **41,400**	*33250 ***73,300**	25350 **55,900**	*42300 ***93,300**	37150 **81,900**
31.4MPa(Heavy Lift **Off**)	9.1 m **30'**	*5900 ***13000**	*5900 ***13000**												
	6.1 m **20'**	*6050 ***13,400**	*6050 ***13,400**	*11050 ***24,300**	10700 **23,600**	*12700 ***28,000**	*12700 ***28,000**								
	3.0 m **10'**	*6800 ***15,000**	*6800 ***15,000**	13300 **29,300**	10000 **22,000**	*14850 ***32,800**	12850 **28,300**	*17050 ***37,600**	16550 **36,500**	*20300 ***44,800**	*20300 ***44,800**	*25550 ***56,300**	*25550 ***56,300**	*34850 ***76,800**	*34850 ***76,800**
	0.0 m **0'**	*8400 ***18,500**	*8400 ***18,500**	12600 **27,800**	9350 **20,600**	15650 **34,500**	11800 **26,000**	*19700 ***43,400**	15000 **33,100**	*24000 ***53,000**	19400 **42,800**	*30600 ***67,500**	25950 **57,200**	*31200 ***68,800**	*31200 ***68,800**
	–3.0 m **–10'**	*11500 ***25,400**	9900 **21,900**			15150 **33,500**	11350 **25,000**	18950 **41,800**	14250 **31,400**	24400 **53,800**	18450 **40,600**	*31900 ***70,300**	24850 **54,700**	*41650 ***91,800**	36100 **79,600**
	–6.1 m **–20'**	*16550 ***36,500**	13800 **30,400**					*18050 ***39,800**	14650 **32,300**	*22950 ***50,600**	18750 **41,400**	*28850 ***63,600**	25350 **55,900**	*36900 ***81,300**	*36900 ***81,300**

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



PC1250SP-7
Equipment:
- Boom: 7.8 m **25'7"**
- Arm: 3.4 m **11'2"**
- Bucket: 6.7 m³ **8.8 yd³**

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

Unit: kg **lb**

	A / B	⛐ Maximum		12.2 m **40'**		10.7 m **35'**		9.1 m **30'**		7.6 m **25'**		6.1 m **20'**		4.6 m **15'**	
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
34.3MPa(Heavy Lift **On**)	9.1 m **30'**	*11980 ***26,400**	*11980 ***26,400**					*17295 ***38,100**	*17295 ***38,100**						
	6.1 m **20'**	*12480 ***27,500**	*12480 ***27500**			*16505 ***36,300**	16035 **35,300**	*24585 ***54,200**	22415 **49,400**	*28980 ***63,800**	*28980 ***63,800**	*36565 ***80,600**	*36565 ***80,600**		
	3.0 m **10'**	*14805 ***32,600**	13615 **30,000**			19995 **44,000**	15210 **33,500**	26730 **58,900**	20565 **45,300**	*35485 ***78,200**	28275 **62,300**	*47680 ***105,000**	40670 **89,600**		
	0.0 m **0'**	19160 **42,200**	14430 **31,800**			19270 **42,400**	14520 **32,000**	25360 **55,900**	19265 **42,400**	31535 **69,500**	23345 **51,400**	*48975 ***108,000**	38180 **84,100**		
	–3.0 m **–10'**	*24150 ***53,200**	19355 **42,600**					*24215 ***53,300**	19390 **42,700**	*31080 ***68,500**	24655 **54,300**	*41660 ***91,800**	38740 **85,400**	*52705 ***116,200**	*52705 ***116,200**
	–6.1 m **–20'**														
31.4MPa(Heavy Lift **Off**)	9.1 m **30'**	*11980 ***26,400**	*11980 ***26,400**					*17295 ***38,100**	*17295 ***38,100**						
	6.1 m **20'**	*12480 ***27,500**	*12480 ***27,500**			*16505 ***36,300**	16035 **35,300**	*21380 ***47,100**	*21380 ***47,100**	*25410 ***56,000**	*25410 ***56,000**	*32315 ***71,200**	*32315 ***71,200**		
	3.0 m **10'**	*14805 ***32,600**	13615 **30,000**			19995 **44,000**	15210 **33,500**	*24715 ***54,400**	20565 **45,300**	*31095 ***68,500**	28275 **62,300**	*41990 ***92,500**	40670 **89,600**		
	0.0 m **0'**	19160 **42,200**	14430 **31,800**			19270 **42,400**	14520 **32,000**	25360 **55,900**	19265 **42,400**	*30260 ***66,700**	23345 **51,400**	*43000 ***94,800**	38180 **84,100**		
	–3.0 m **–10'**	*20745 ***45,700**	19355 **42600**					*20800 ***45,800**	19390 **42,700**	*26790 ***59,000**	24655 **54,300**	*36355 ***80,100**	*36355 ***80,100**	*46065 ***101,500**	*46065 ***101,500**
	–6.1 m **–20'**														

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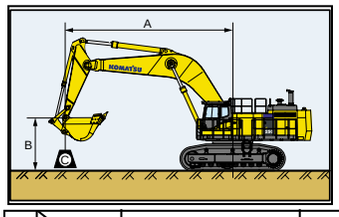
PC1250LC-7 LIFTING CAPACITY



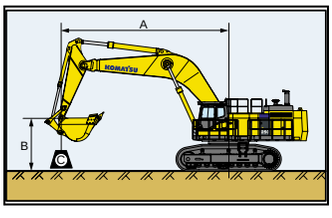
PC1250LC-7
Equipment:
- Boom: 9.1 m **29'10"**
- Arm: 3.4 m **11'2"**
- Bucket: 5.0 m³ **6.5 yd³**

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

Unit: kg **lb**

	A / B	⛒ Maximum		12.2 m **40'**		10.7 m **35'**		9.1 m **30'**		7.6 m **25'**		6.1 m **20'**		4.6 m **15'**	
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
34.3MPa(Heavy Lift **On**)	9.1 m **30'**	*15200 ***33,500**	*15200 ***33,500**			*18000 ***39,700**	*18000 ***39,700**								
	6.1 m **20'**	*15950 ***35,100**	13850 **30,500**			*20000 ***44,200**	18200 **40,100**	*22950 ***50,600**	*22950 ***50,600**	*27900 ***61,500**	*27900 ***61,500**				
	3.0 m **10'**	*18300 ***40,300**	12500 **27,600**	*19950 ***43,900**	13150 **29,000**	*22900 ***50,500**	16850 **37,200**	*27500 ***60,600**	21800 **48,100**	*34950 ***77,000**	28850 **63,600**				
	0.0 m **0'**	*21000 ***46,300**	12950 **28,600**			*24600 ***54,200**	15950 **35,200**	*28550 ***62,900**	19150 **42,200**	*37400 ***82,400**	27300 **60,100**				
	–3.0 m **–10'**	*22700 ***50,100**	16000 **35,300**			*22800 ***50,200**	16050 **35,400**	*28550 ***62,900**	20450 **45,100**	*35300 ***77,800**	27450 **60,600**	*43850 ***96,700**	40100 **88,400**	*39250 ***86,600**	*39250 ***86,600**
	–6.1 m **–20'**	*23500 ***51,800**	*23500 ***51,800**							*25400 ***56,000**	*25400 ***56,000**	*32550 ***71,700**	*32550 ***71,700**		
31.4MPa(Heavy Lift **Off**)	9.1 m **30'**	*15200 ***33,500**	*15200 ***33,500**			*15500 ***34,200**	*15500 ***34,200**								
	6.1 m **20'**	*15850 ***34,900**	13850 **30,500**			*17300 ***38,100**	*17300 ***38,100**	*19950 ***44,000**	*19950 ***44,000**	*24400 ***53,800**	*24400 ***53,800**				
	3.0 m **10'**	*16750 ***36,900**	12500 **27,600**	*17150 ***37,800**	13150 **29,000**	*19800 ***43,700**	16850 **37,200**	*23900 ***52,700**	21800 **48,100**	*30550 ***67,400**	28850 **63,600**				
	0.0 m **0'**	*18050 ***39,800**	12950 **28,600**			*21250 ***46,900**	15950 **35,200**	*24700 ***54,400**	19150 **42,200**	*32650 ***72,000**	27300 **60,100**				
	–3.0 m **–10'**	*19600 ***43,200**	16000 **35,300**			*19650 ***43,300**	16050 **35,400**	*24750 ***54,600**	20450 **45,100**	*30750 ***67,800**	27450 **60,600**	*38350 ***84,500**	*38350 ***84,500**	*39250 ***86,600**	*39250 ***86,600**
	–6.1 m **–20'**	*20150 ***44,500**	*20150 ***44,500**							*21900 ***48,200**	*21900 ***48,200**	*28150 ***62,100**	*28150 ***62,100**		

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



PC1250LC-7
Equipment:
- Boom: 9.1 m **29'10"**
- Arm: 4.5 m **14'9"**
- Bucket: 4.0 m³ **5.2 yd³**

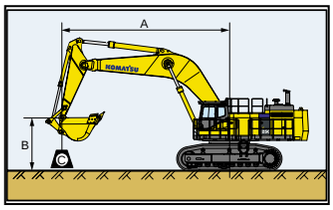
A: Reach from swing center
B: Bucket hook height
C: Lifting capacity
Cf: Rating over front
Cs: Rating over side
⛒: Rating at maximum reach

Unit: kg **lb**

	A / B	⛒ Maximum		12.2 m **40'**		10.7 m **35'**		9.1 m **30'**		7.6 m **25'**		6.1 m **20'**		4.6 m **15'**	
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
34.3MPa(Heavy Lift **On**)	9.1 m **30'**	*9300 ***20,500**	*9300 ***20,500**												
	6.1 m **20'**	*9650 ***21,300**	*9650 ***21,300**	*16650 ***36,700**	14350 **31,600**	*18150 ***40,000**	*18150 ***40,000**	*20550 ***45,300**	*20550 ***45,300**						
	3.0 m **10'**	*10950 ***24,200**	10750 **23,700**	*18700 ***41,300**	13400 **29,500**	*21450 ***47,300**	17150 **37,800**	*25600 ***56,500**	22250 **49,100**	*32350 ***71,300**	29700 **65,500**				
	0.0 m **0'**	*13650 ***30,100**	11000 **24,300**	*20250 ***44,700**	12600 **27,800**	*23850 ***52,600**	15950 **35,100**	*28000 ***61,700**	19450 **42,900**	*36600 ***80,700**	27300 **60,200**	*29300 ***64,600**	*29300 ***64,600**		
	–3.0 m **–10'**	*19400 ***42,700**	13050 **28,800**			*23850 ***52,600**	15550 **34,300**	*29200 ***64,300**	20000 **44,100**	*36300 ***80,100**	26900 **59,300**	*46350 ***102,200**	39150 **86,300**	*31900 ***70,300**	*31900 ***70,300**
	–6.1 m **–20'**	*21750 ***48,000**	19600 **43,200**					*23650 ***52,100**	20950 **46,200**	*28850 ***63,600**	*26400 ***58,200**	*38200 ***84,200**	*38200 ***84,200**	*48900 ***107,800**	*48900 ***107,800**
31.4MPa(Heavy Lift **Off**)	9.01 m **30'**	*9300 ***20,500**	*9300 ***20,500**												
	6.1 m **20'**	*9650 ***21,300**	*9650 ***21,300**	*14250 ***31,400**	*14250 ***31,400**	*15600 ***34,400**	*15600 ***34,400**	*17850 ***39,300**	*17850 ***39,300**						
	3.0 m **10'**	*10950 ***24,200**	10750 **23,700**	*16050 ***35,400**	13400 **29,500**	*18500 ***40,800**	17150 **37,800**	*22250 ***49,000**	*22250 ***49,000**	*28250 ***62,300**	*28250 ***62,300**				
	0.0 m **0'**	13650 **30,100**	11000 **24,300**	*17400 ***38,400**	12600 **27,800**	*20600 ***45,500**	15950 **35,100**	*24200 ***53,300**	19450 **42,900**	*31950 ***70,400**	*27300 ***60,200**	*29300 ***64,600**	*29300 ***64,600**		
	–3.0 m **–10'**	*17250 ***38,100**	13050 **28,800**			*20600 ***45,400**	15550 **34,300**	*25300 ***55,800**	20000 **44,100**	*31650 ***69,800**	26900 **59,300**	*40550 ***89,400**	39150 **86,300**	*31900 ***70,300**	*31900 ***70,300**
	–6.1 m **–20'**	*18650 ***41,100**	*18650 ***41,100**					*20300 ***44,800**	*20300 ***44,800**	*24800 ***54,700**	*24800 ***54,700**	*33200 ***73,200**	*33200 ***73,200**	*42600 ***93,900**	*42600 ***93,900**

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

PC1250-7 LIFTING CAPACITY



PC1250LC-7
Equipment:
- Boom: 9.1 m **29'10"**
- Arm: 5.7 m **18'8"**
- Bucket: 3.4 m³ **4.4 yd³**

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

Unit: kg **lb**

	A / B	☢ Maximum		13.7 m **45'**		12.2 m **40'**		10.7 m **35'**		9.1 m **30'**		7.6 m **25'**		6.1 m **20'**	
		Cf	**Cs**	**Cf**	**Cs**	**Cf**	**Cs**	**Cf**	**Cs**	**Cf**	**Cs**	**Cf**	**Cs**	**Cf**	**Cs**
34.3MPa(Heavy Lift **On**)	9.1 m **30'**	*5900 ***13,000**	*5900 ***13,000**												
	6.1 m **20'**	*6050 ***13,400**	*6050 ***13,400**	*11050 ***24,300**	*11050 ***24,300**	*14950 ***32,900**	*14950 ***32,900**								
	3.0 m **10'**	*6800 ***15,000**	*6800 ***15,000**	*15050 ***33,100**	10800 **23,800**	*17400 ***38,300**	13750 **30,400**	*19800 ***43,700**	17650 **38,900**	*23450 ***51,700**	23000 **50,700**	*29300 ***64,600**	*29300 ***64,600**	*39750 ***87,600**	*39750 ***87,600**
	0.0 m **0'**	*8400 ***18,500**	*8400 ***18,500**	*15350 ***33,800**	10150 **22,400**	*19500 ***43,000**	12700 **28,000**	*22850 ***50,400**	16100 **35,500**	*27700 ***61,100**	20750 **45,700**	*35100 ***77,400**	27650 **60,900**	*31200 ***68,800**	*31200 ***68,800**
	–3.0 m **–10'**	*11500 ***25,400**	10750 **23,700**			*20050 ***44,200**	12250 **27,000**	*24000 ***52,900**	15350 **33,800**	*29250 ***64,500**	19750 **43,500**	*36600 ***80,700**	26500 **58,500**	*43900 ***96,800**	38450 **84,800**
	–6.1 m **–20'**	*19200 ***42,300**	14850 **32,700**					*21050 ***46,500**	15750 **34,700**	*26600 ***58,700**	20100 **44,300**	*33250 ***73,300**	27050 **59,600**	*42300 ***93,300**	39550 **87,100**
31.4MPa(Heavy Lift **Off**)	9.1 m **30'**	*5900 ***13,000**	*5900 ***13000**												
	6.1 m **20'**	*6050 ***13,400**	*6050 ***13,400**	*11050 ***24,300**	*11050 ***24,300**	*12700 ***28,000**	*12700 ***28,000**								
	3.0 m **10'**	*6800 ***15,000**	*6800 ***15,000**	*13350 ***29,500**	10800 **23,800**	*14850 ***32,800**	13750 **30,400**	*17050 ***37,600**	*17050 ***37,600**	*20300 ***44,800**	*20300 ***44,800**	*25550 ***56,300**	*25550 ***56,300**	*34850 ***76,800**	*34850 ***76,800**
	0.0 m **0'**	*8400 ***18,500**	*8400 ***18,500**	*14500 ***31,900**	10150 **22,400**	*16700 ***36,800**	12700 **28,000**	*19700 ***43,400**	16100 **35,500**	*24000 ***53,000**	20750 **45,700**	*30600 ***67,500**	27650 **60,900**	*31200 ***68,800**	*31200 ***68,800**
	–3.0 m **–10'**	*11500 ***25,400**	10750 **23,700**			*17150 ***37,800**	12250 **27,000**	*20700 ***45,600**	15350 **33,800**	*25350 ***55,900**	19750 **43,500**	*31900 ***70,300**	26500 **58,500**	*41650 ***91,800**	38450 **84,800**
	–6.1 m **–20'**	*16550 ***36,500**	14850 **32,700**					*18050 ***39,800**	15750 **34,700**	*22950 ***50,600**	20100 **44,300**	*28850 ***63,600**	27050 **59,600**	*36900 ***81,300**	*36900 ***81,300**

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

TRANSPORTATION GUIDE

Transportation volume (length x height x width)

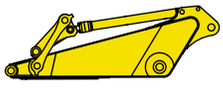
Specs shown include the following equipment:
Backhoe: boom 9100 mm **29'10"**, arm 3400 mm **11'2"**, bucket 5.0 m³ **6.5 yd³**, shoes 700 mm **28"** double grouser

Work equipment assembly (Backhoe)
Weight : PC1250 : 25.1 t 27.7 U.S. ton
PC1250SP : 27.0 t 29.8 U.S. ton

Boom

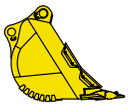
PC1250 : 11.0 t : 9475 x 2894 x 1474
12.1 U.S. ton : 31'1" x 9'6" x 4'10"
PC1250SP : 10.9 t : 8170 x 3095 x 1474
12.0 U.S.ton : 26'10" x 10'2" x 4'10"

Arm



PC1250 : 5.9 t : 4895 x 1626 x 890
6.5 U.S. ton : 16'1" x 5'4" x 2'11"
: 6.2 t : 4895 x 1626 x 890 (Heavy-duty version)
6.8 U.S. ton : 16'1" x 5'4" x 2'11"
PC1250SP : 6.3 t : 4914 x 1683 x 890
6.9 U.S. ton : 16'1" x 5'6" x 2'11"

Bucket



PC1250 : 4.3 t : 2700 x 2100 x 2050
4.7 U.S.ton : 8'10" x 6'11" x 6'9"
: 5.1 t : 2580 x 2276 x 2250 (Heavy-duty version)
5.6 U.S. ton : 8'6" x 7'6" x 7'5"
PC1250SP : 5.9 t : 2527 x 2420 x 2520
6.5 U.S. ton : 8'3" x 7'11" x 8'3"

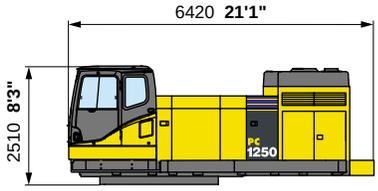
Arm cylinder

1.5 t
1.7 U.S. ton

Boom cylinder

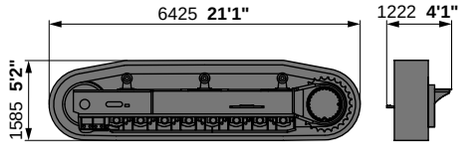
2.4 t [1.2t x 2]
2.64 U.S. ton [1.32 U.S. ton x 2]

Upper structure



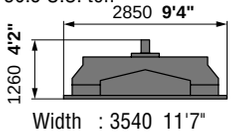
Width : 3490 11'5"
Weight : 23.9 t 26.3 U.S. ton

Undercarriage

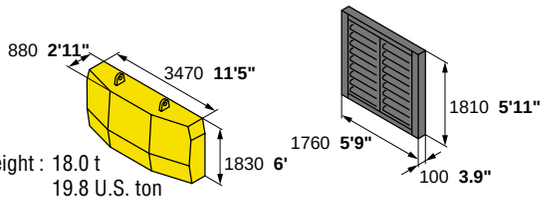


Standard Weight: 30t [15 t x 2]
33.1 U.S. ton [16.55 U.S. ton x 2]
S.P. Weight: 30.9 t [15.45 t x 2] (with full length roller guarc
34.1 U.S. ton [17.05 U.S. ton x 2]
LC Weight : 38.5 t [19.0 t x 2] (with full length roller guard)
41.9 U.S. ton [20.95 U.S. ton x 2]

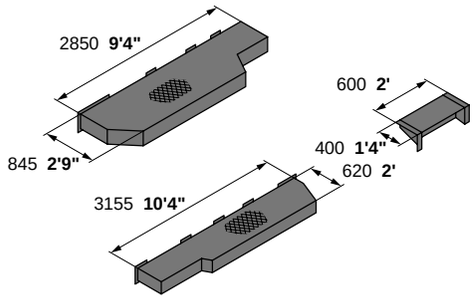
Others
Weight : 27.7 t 30.5 U.S. ton



Width : 3540 11'7"



Weight : 18.0 t
19.8 U.S. ton



STANDARD EQUIPMENT

Engine and its related items:

- Air cleaner, double element dry
- Cooling fan, with fan guard
- Engine, Komatsu SAA6D170E-3

Electrical system:

- Alternator, 90 Amp, 24V
- Batteries, 2 x 12V, 250 Ah
- Starting motor, 11 kW x 2
- Working light, (2 cab, 2 boom)
- Timer-off step light

Undercarriage:

- PC1250-7, PC1250SP-7, 1000 mm **39.4"** double grouser shoes
- PC1250LC-7, 1000 mm **39.4"** double grouser shoes
- PC1250-7, 8-track/3 carrier rollers (each side)
- PC1250LC-7, 10-track/3 carrier rollers (each side)
- PC1250SP-7, 8-track/3 carrier rollers (each side)
- Hydraulic track adjusters (each side)
- Track guiding guard (each side)

Guards and covers:

- Dust-proof net for radiator and oil cooler
- Pump/engine room partition cover
- Revolving frame undercover

Operator environment:

- Auto air conditioner with defroster
- Cab features: Viscous mount, all weather sound suppression with tinted safety glass windows, pull-up front window with lock device, roof window, lockable door, two intermittent window wipers and washer, floormat, cigarette lighter, ashtray, heater with defroster, storage box, hot/cool box, one piece right window, and antenna
- Inclined dashboard
- Handrails for machine cab
- Multi-function color monitor system with electrically-controlled throttle lever, electric service meter, gauges (coolant temp and fuel level), caution lights (electric charge, engine, oil pressure, and air cleaner clogging), indicator lights (engine preheating and swing lock light), level check light (coolant, engine oil, and hydraulic oil level), self-diagnostic system with trouble data memory
- Rearview mirrors, RH and LH
- Retractable 78 mm **3"** seat belt
- Seat, fully adjustable with suspension

Hydraulic controls:

- Fully hydraulic, with Electronic Open Center Load Sensing (EOLSS) and engine speed sensing (pump and engine mutual control system)
- 1 gear pump for control circuit
- 2 axial piston motor for swing with single stage relief valve
- 1 axial piston motor per track for travel with counter balance valve
- 3 variable capacity piston pumps
- 3 control valves, 5+4+4 spools (boom, arm, bucket, swing, LH & RH travel)
- Control levers, wrist control levers for arm, boom, bucket, and swing with PPC system
- Control levers and pedals for steering and travel with PPC system
- Oil cooler
- In-line filter

Drive and brake system:

- Brakes, hydraulic lock travel brakes, oil disc parking, and swing holding brake
- Hydrostatic, 2 travel speed system with planetary double reduction final drive

Other standard equipment:

- Automatic swing holding brake
- Corrosion resister
- Counterweight, 18000 kg **39,700 lb**
- Horn, air
- Marks and plates, English
- One-touch engine oil drainage
- Paint, Komatsu standard
- PM tune-up service connector
- Remote greasing for radiator fan drive
- Travel alarm
- Wide catwalk and large handrails
- Vandalism protection locks

OPTIONAL EQUIPMENT

- Arms
  - — 3400 mm **11'2"** arm assembly
  - — 3400 mm **11'2"** SP arm assembly (std only)
  - — 4500 mm **14'9"** arm assembly
  - — 5700 mm arm **18'8"** assembly (std only)
- Boom
  - — 9100 mm **29'10"**
  - — 7800 mm **25'7"** SP boom
- Cab front full guard
- Head guard (FOG)
- Revolving frame undercover (HD)
- Shoes
  - — 1000 mm **39.4"** double grouser
  - — 1200 mm **47.25"** double grouser
- Track roller guards (full length)
- Track frame undercover

AESS608-01 DK10 (7.5M) BM 10/02 (EV-3)

KOMATSU®
440 N. Fairway Drive, P.O. Box 8112
Vernon Hills, IL 60061-8112

www.komatsuamerica.com