

KOMATSU®

PC200/LC-8M0 PC220/LC-8M0

Australian - NZ Specification

ecot3

HORSEPOWER

PC200 Gross: 110 kW 147 HP / 2000 min⁻¹
Net: 103 kW 138 HP / 2000 min⁻¹

PC220 Gross: 129 kW 173 HP / 2000 min⁻¹
Net: 123 kW 164 HP / 2000 min⁻¹

OPERATING WEIGHT

PC200-8M0: 21000 – 21200 kg
PC200LC-8M0: 21700 – 22000 kg

PC220-8M0: 24100 – 24500 kg
PC220LC-8M0: 25100 – 25500 kg

PC
200 220



HYDRAULIC EXCAVATOR

Photos may include optional equipment.

WALK-AROUND

Ecology and Economy Features

- **Low fuel consumption by total control of the engine, hydraulic and electronic system.**

Fuel consumption reduced by approx. 7% on PC200-8M0 (compared with the PC200-8) and by approx. 5% on PC220-8M0 (compared with the PC220-8)

- **Low emission engine**

A powerful, turbocharged and air-to-air aftercooled Komatsu SAA6D107E-1 provides **103 kW** 138 HP on PC200-8M0 and **123 kW** 164 HP on PC220-8M0

- EPA Tier 3 and EU Stage 3A emissions equivalent.
- Economy mode improves fuel consumption.
- ECO-gauge for energy-saving operations
- Extended idling caution for fuel conservation

- **Low operation noise**

Using the low-noise engine and methods to cut noise at source.

See pages 4 and 5.

Large Comfortable Cab

- Low-noise cab, similar to passenger car
- Low vibration with cab damper mounting
- Highly pressurized cab to minimise dust ingress
- Operator seat and console with armrest that enables operations in the appropriate operational posture.

See page 6.

Information & Communication Technology

- Large multi-lingual high resolution LCD monitor
- Supports efficiency improvement
- Equipped with the EMMS monitoring system

See page 8.

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 concept enables individual cooling modules to be serviced.

See page 9.

Komatsu Australia Ltd Standard Specification (KALSS)

- Unique specification developed specifically for the Australian and New Zealand market
- Factory designed and fitted to support local requirements and reduce delivery lead times
- Enables compliance to local legislation and site safety standards

See page 10.



Safety Design

- ROPS cab (ISO 12117-2) for protecting the operator in the event of a roll-over
- Slip-resistant plates for improved foot grip
- Rear view monitoring system for viewing the work area to the rear of the machine

See page 7.

Photo may include optional equipment.

ECOLOGY & ECONOMY FEATURES

Komatsu Technology



Komatsu develops and produces all major components, such as engines, electronics and hydraulic components, in house. With this "Komatsu Technology," and adding customer feedback, Komatsu is achieving great advancements in technology. To achieve both high levels of productivity and economical performance, Komatsu has developed the main components with a total control system. The result is a new generation of high performance and environment-friendly excavators.

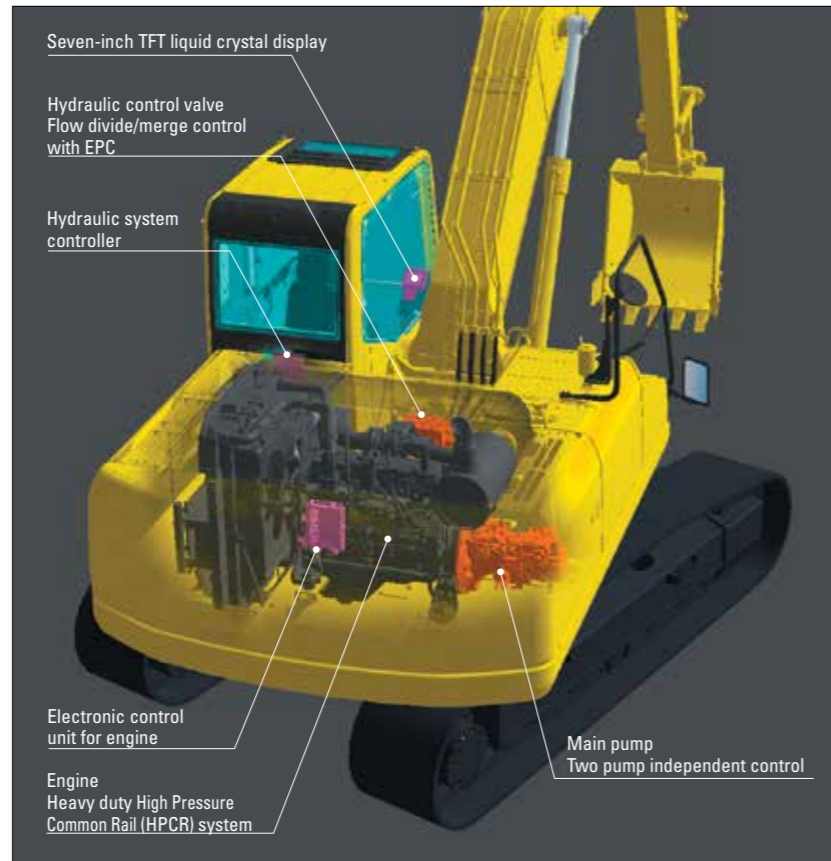


Photo may include optional equipment.

Low Fuel Consumption

The newly-developed Komatsu SAA6D107E-1 engine enables NOx emissions to be significantly reduced with the accurate multi-staged fuel injection by the engine controller. It improves total engine durability using the high-pressure fuel injection system developed specifically for construction machinery. This excavator significantly reduces hourly fuel consumption using the highly-efficient matching techniques of the engine and hydraulic unit and also provides features that promote energy-saving operations such as the E mode and ECO-gauge.

Fuel consumption 7% reduced
vs. PC200-8

Fuel consumption 5% reduced
vs. PC220-8

Based on typical work pattern collected via KOMTRAX. Fuel consumption varies depending on job conditions.

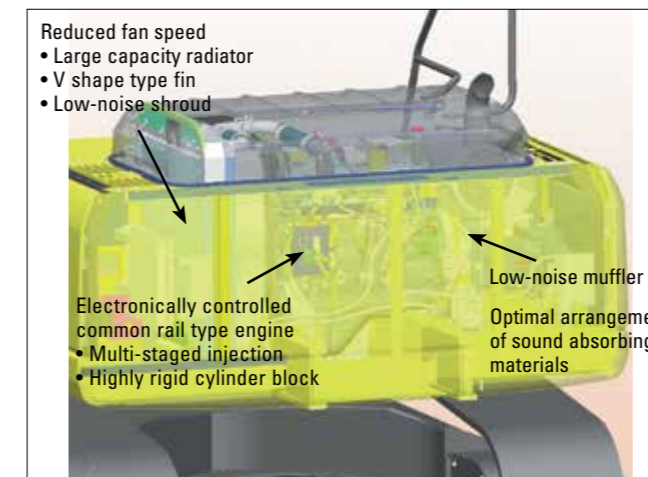
Low Emission Engine

Komatsu SAA6D107E-1 reduced NOx emission by 29% compared with the PC200-7 & PC220-7. This engine is EPA Tier 3 and EU Stage 3A emissions equivalent.



Low Operation Noise

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



Idling Caution

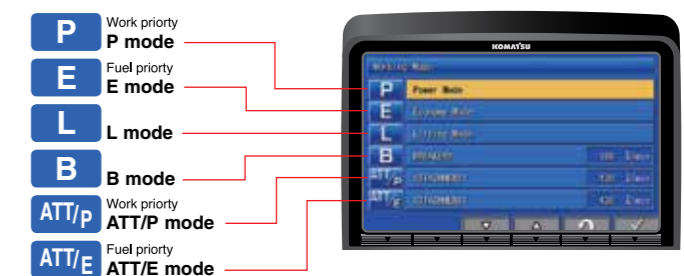
To prevent unnecessary fuel consumption, an idling caution is displayed on the monitor, if the engine idles for 5 minutes or more.



Working Modes Selectable

This excavator is equipped with six working modes (P, E, L, B, ATT/P and ATT/E mode). Each mode is designed to match engine speed and pump output to the application. This provides the flexibility to match equipment performance to the job at hand.

Working Mode	Application	Advantage
P	Power mode	<ul style="list-style-type: none"> Maximum production/power Fast cycle times
E	Economy mode	<ul style="list-style-type: none"> Good cycle times Better fuel economy
L	Lifting mode	<ul style="list-style-type: none"> Suitable attachment speed
B	Breaker mode	<ul style="list-style-type: none"> Optimum engine rpm, hydraulic flow
ATT/P	Attachment Power mode	<ul style="list-style-type: none"> Optimum engine rpm, hydraulic flow, 2way Power mode
ATT/E	Attachment Economy mode	<ul style="list-style-type: none"> Optimum engine rpm, hydraulic flow, 2way Economy mode



Lifting Mode

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

ECO-gauge that Assists Energy-saving Operations

Equipped with the ECO-gauge that can be recognized at a glance on the right of the multi-function color monitor for environment-friendly energy-saving operations. Allows focus on operation in the green range with reduced CO₂ emissions and efficient fuel consumption.



ECO-gauge

WORKING ENVIRONMENT

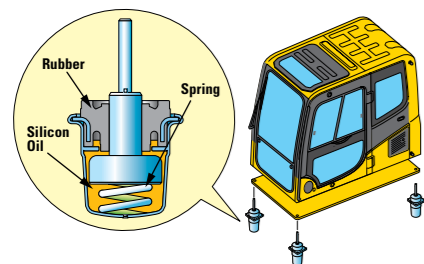


Low Cab Noise

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

Low Vibration with Cab Damper Mounting

PC200/LC-8M0 & PC220/LC-8M0 uses viscous damper mounting for cab that incorporates longer stroke and the addition of a spring. The new cab damper mounting combined with high rigidity deck aids vibration reduction at operator seat.



Wide Newly-designed Cab

Newly-designed wide spacious cab includes seat with reclining backrest. The seat height and longitudinal inclination are easily adjusted using a pull-up lever. You can set the appropriate operational posture of armrest together with the console.

Reclining the seat further enables you to place it into the fully flat state with the headrest attached.

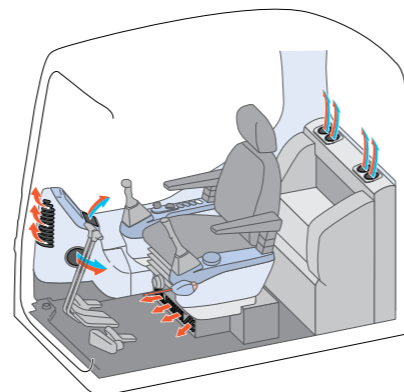


Pressurized Cab

Optional air conditioner, air filter and a higher internal air pressure minimize external dust from entering the cab.

Automatic Air Conditioner

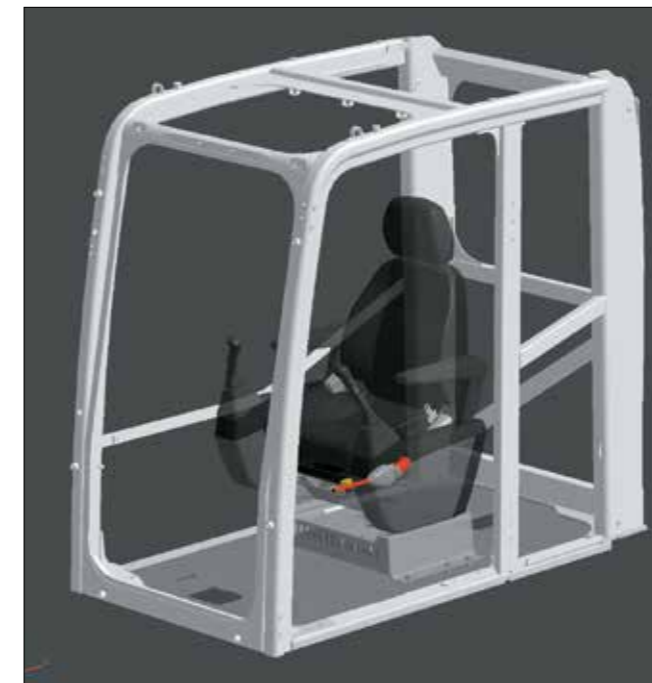
Enables you to easily and precisely set cab atmosphere with the instruments on the large LCD. The bi-level control function keeps the operator's head and feet cool and warm respectively. This improved air flow function keeps the inside of the cab comfortable throughout the year. Defroster function keeps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



Safety Design

ROPS Cab

The machine is equipped with a ROPS cab that conforms to ISO 12117-2 for excavators as standard equipment. The ROPS cab has high shock-absorption performance, featuring excellent durability and impact strength. It also satisfies the requirements of ISO OPG top guard level 1 for falling objects. Combined with the retractable seat belt, The ROPS cab protects the operator in case of tipping over and against falling objects.



Lock Lever

Locks the hydraulic pressure to prevent unintentional movement. Neutral start function allows machine to be started only in lock position.



Large Side-view, and Sidewise Mirrors

Enlarged left-side mirror and addition of sidewise mirror allow the PC200/LC-8M0 & PC220/LC-8M0 to meet the new ISO visibility requirements.



Rear View Monitoring System

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



Rear view image on monitor

Slip-resistant Plates

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



Pump/engine Room Partition

Pump/engine room partition prevents oil from spraying onto the engine if a hydraulic hose should burst.

Thermal and Fan Guards

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



INFORMATION & COMMUNICATION TECHNOLOGY



Large Multi-lingual High Resolution LCD Monitor

A large user-friendly high resolution LCD color monitor enables safe, accurate and smooth work. Visibility and resolution are further improved compared with current 7-inch large TFT LCD.

Simple and easy to operate switches. Function keys facilitate multi-function operations.

Displays data in 13 languages to globally support operators around the world.

TFT : Thin Film Transistor
LCD : Liquid Crystal Display

Indicators

- | | |
|----------------------------------|-----------------------------------|
| 1 Auto-decelerator | 5 Hydraulic oil temperature gauge |
| 2 Working mode | 6 Fuel gauge |
| 3 Travel speed | 7 ECO-gauge |
| 4 Engine water temperature gauge | 8 Fuel consumption gauge |
| | 9 Function switches menu |

Basic operation switches

- | | |
|-------------------------|---------------------|
| 1 Auto-decelerator | 4 Buzzer cancel |
| 2 Working mode selector | 5 Wiper |
| 3 Traveling selector | 6 Windshield washer |

Supports Efficiency Improvement

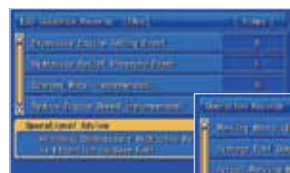
The main screen displays advices for promoting energy-saving operations as needed. The operator can use the ECO Guidance menu to check the Operation Records, ECO Guidance Records, Average Fuel Consumption Logs, etc.



ECO guidance



ECO guidance menu



ECO guidance records



Operation records

Average fuel consumption logs

Equipment Management Monitoring System (EMMS)

Monitor Function

Controller monitors engine oil level, coolant temperature, battery charge air clogging, etc. If the controller finds any abnormality, it is displayed on the LCD.



Maintenance Function

The monitor informs replacement time of oil and filters on the LCD when the replacement interval is reached.



Trouble Data Memory Function

Monitor stores abnormalities for effective troubleshooting.

MAINTENANCE FEATURES

Side-by-side Cooling

Since radiator, aftercooler and oil cooler are arranged in parallel, it is easy to clean, remove and install them. Radiator, aftercooler, and oil cooler made of aluminum have high cooling efficiency and are easily recycled.



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

Removes water and contaminants in the fuel to prevent fuel problems. (With built-in priming pump)



Washable Cab Floor Mat

The cab floor mat is easy to keep clean. The gently inclined surface has a flanged floor mat and drainage holes to facilitate runoff.

Easy Access to Engine Oil Filter and Fuel Drain Valve

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



Equipped with the Eco-drain Valve as Standard.

Prevents clothes and the ground from becoming contaminated due to oil leakage when replacing the engine oil.



Large-capacity Fuel Tank and Rustproof Treatment

400-litre high-capacity fuel tank. Effective corrosion resistance using rustproof treatment.

Sloping Track Frame

Prevents dirt and sand from accumulating and allows easy mud removal.

Gas Assisted Engine Hood Damper Cylinders

The engine hood can be easily opened and closed with the assistance of the gas assisted engine hood damper cylinders.



Long-life Oil, Filter

Uses high-performance filtering materials and long-life oil. Extends the oil and filter replacement interval.

- | | |
|--------------------------------|------------------|
| Engine oil & Engine oil filter | every 500 hours |
| Hydraulic oil | every 5000 hours |
| Hydraulic oil filter | every 1000 hours |

Air Conditioner Filter

The air conditioner filter is removed and installed without the use of tools facilitating filter maintenance.



Internal air conditioner filter



External air conditioner filter



Photo may include optional equipment.

KALSS Australian Standard Specification

**Level Indicator
Overload Alarm
Boom and Arm
Anti-Burst Valves**
Enable compliance when lifting suspended loads.



**Additional Mirrors
and Lighting**
For improved visibility and illumination



**OPG Level 2 Top Guard
(ISO 10262)**
For falling object protection.

Rotating Amber Beacon
Fitted with factory guard.



Rock Guard
Reinforced steel plate and ribs to provide additional protection of arm structure.



**Heavy-Duty
Boom and Arm**
With continuous plates and cast tips to provide increased durability and reliability.

**High Capacity
Air Conditioner**
With increased cool down performance.

**Factory Fitted
Quick Hitch and
Hammer Piping**
Enable use with a greater variety of attachments.



**Track Frame and Revolving
Frame Under Cover**
Prevents ingress of material into slew ring area and engine bay.

Photo may include optional equipment.

Lower Windscreen Guard
Protects cabin windscreen against rocks and debris.



E-Stops
Allow compliance to site safety requirements with standard factory wiring for trouble free operation.



Bump Rails
For upper structure protection when slewing.



ENGINE

Model Komatsu SAA6D107E-1
Type Water-cooled, 4-cycle, direct injection
Aspiration Turbocharged, aftercooled
Number of cylinders 6
Bore 107 mm
Stroke 124 mm
Piston displacement 6.69 L
Horsepower:
SAE J1995
PC200/LC-8M0 Gross 110 kW 147 HP
PC220/LC-8M0 Gross 129 kW 173 HP
ISO 9249 / SAE J1349
PC200/LC-8M0 Net 103 kW 138 HP
PC220/LC-8M0 Net 123 kW 164 HP
Rated rpm 2000 min⁻¹
Fan drive method for radiator cooling Mechanical
Governor All-speed control, electronic

EPA Tier 3 and EU Stage 3A emissions equivalent.

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 6
Main pump:
Type Variable displacement piston type
Pumps for Boom, arm, bucket, swing, and travel circuits
Maximum flow 439 L / 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 kg/cm²
Travel circuit 37.3 MPa 380 kg/cm²
Swing circuit 28.9 MPa 295 kg/cm²
Pilot circuit 3.2 MPa 33 kg/cm²
Hydraulic cylinders:
(Number of cylinders – bore x stroke x rod diameter)
Boom
PC200/LC-8M0 2–120 mm x 1334 mm x 85 mm
PC220/LC-8M0 2–130 mm x 1335 mm x 90 mm
Arm
PC200/LC-8M0 1–135 mm x 1490 mm x 95 mm
PC220/LC-8M0 1–145 mm x 1635 mm x 100 mm
Bucket
PC200/LC-8M0 1–115 mm x 1120 mm x 80 mm
PC220/LC-8M0 1–130 mm x 1020 mm x 90 mm

DRIVES AND BRAKES

Steering control Two levers with pedals
Drive method Hydrostatic
Maximum drawbar pull
PC200/LC-8M0 178 kN 18200 kg
PC220/LC-8M0 202 kN 20570 kg
Gradeability 70%, 35°
Maximum travel speed: High 5.5 km/h
(Auto-Shift) Mid (PC200/LC-8M0) 4.1 km/h
Mid (PC220/LC-8M0) 4.2 km/h
(Auto-Shift) Low (PC200/LC-8M0) 3.0 km/h
Low (PC220/LC-8M0) 3.1 km/h
Service brake Hydraulic lock
Parking brake Mechanical disc brake

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
PC200/LC-8M0 12.4 min⁻¹
PC220/LC-8M0 11.7 min⁻¹

UNDERCARRIAGE

Center frame X-frame
Track frame Box-section
Seal of track Sealed track
Track adjuster Hydraulic
Number of shoes (each side):
PC200-8M0 45
PC200LC-8M0 49
PC220-8M0 47
PC220LC-8M0 51
Number of carrier rollers 2 each side
Number of track rollers (each side):
PC200-8M0 7
PC200LC-8M0 9
PC220-8M0 8
PC220LC-8M0 10

COOLANT AND LUBRICANT CAPACITY (REFILLING)

Fuel tank 400 L
Coolant
PC200/LC-8M0 20.4 L
PC220/LC-8M0 19.9 L
Engine 23.1 L
Final drive, each side
PC200/LC-8M0 3.6 L
PC220/LC-8M0 5.0 L
Swing drive
PC200/LC-8M0 6.5 L
PC220/LC-8M0 7.2 L
Hydraulic tank 135 L

OPERATING WEIGHT (APPROXIMATE)

Operating weight includes 5700 mm (PC200/LC-8M0) or 5850 mm (PC220/LC-8M0) one-piece boom, 2925 mm (PC200/LC-8M0) or 3045 mm (PC220/LC-8M0) arm, 600 mm shoes, rated capacity of lubricants, coolant, full fuel tank, operator, standard equipment, KGA quick hitch and 1200 mm KGA bucket.

	Operating Weight	Ground Pressure
PC200-8M0	21200 kg	0.50 kg / cm ²
PC200LC-8M0	22000 kg	0.46 kg / cm ²
PC220-8M0	24400 kg	0.56 kg / cm ²
PC220LC-8M0	25500 kg	0.52 kg / cm ²

A

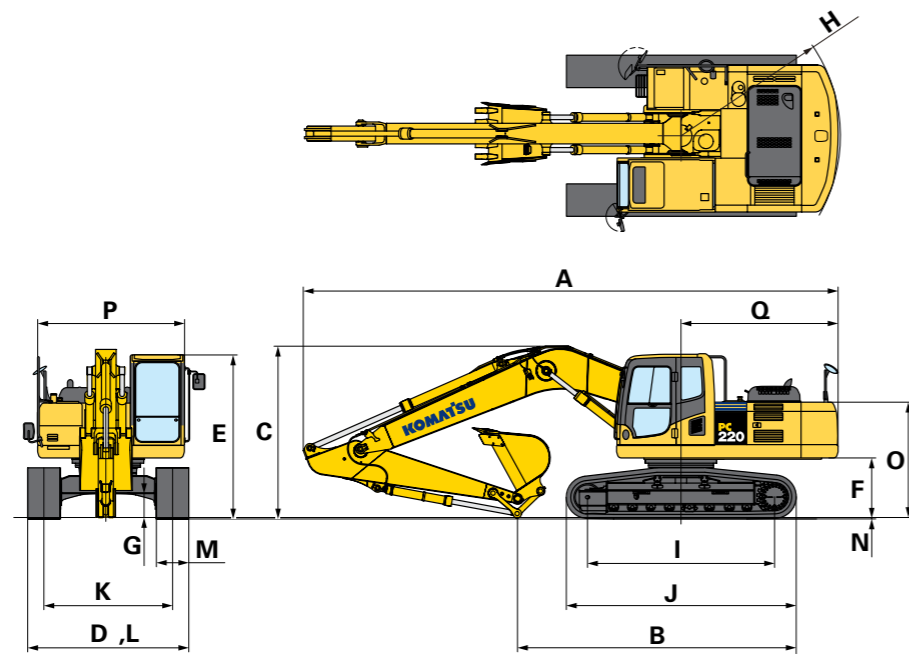
Rated capacity when fitted with 5700 mm (PC200/LC-8M0) or 5850 mm boom (PC220/LC-8M0), 2925 mm (PC200/LC-8M0) or 3045 mm (PC220/LC-8M0) arm, 600 mm shoes and lifting suspended loads with KGA quick hitch (as per Australian standards).
PC200-8M0 2150 kg
PC200LC-8M0 2450 kg
PC220-8M0 2450 kg
PC220LC-8M0 2850 kg



DIMENSIONS

Arm Length		2925 mm		3045 mm	
	Model	PC200-8M0	PC200LC-8M0	PC220-8M0	PC220LC-8M0
A	Overall length	9425 mm	9425 mm	9885 mm	9885 mm
B	Length on ground	4815 mm	5000 mm	5190 mm	5390 mm
C	Overall height (to top of boom)	2970 mm	2970 mm	3185 mm	3185 mm
D	Overall width	2800 mm	3080 mm	2980 mm	3280 mm
E	Overall height (to top of cab)	3040 mm	3040 mm	3055 mm	3055 mm
F	Ground clearance, counterweight	1085 mm	1085 mm	1100 mm	1100 mm
G	Ground clearance (minimum)	440 mm	440 mm	440 mm	440 mm
H	Tail swing radius	2750 mm	2750 mm	2940 mm	2940 mm
I	Track length on ground	3275 mm	3655 mm	3460 mm	3845 mm
J	Track length	4070 mm	4450 mm	4260 mm	4640 mm
K	Track gauge	2200 mm	2380 mm	2380 mm	2580 mm
L	Width of crawler	2800 mm	2980 mm	2980 mm	3180 mm
M	Shoe width	600 mm	600 mm	600 mm	600 mm
N	Grouser height	26 mm	26 mm	26 mm	26 mm
O	Machine cab height	2095 mm	2095 mm	2100 mm	2110 mm
P	Machine cab width **	2710 mm	2710 mm	2710 mm	2710 mm
Q	Distance, swing centre to rear end	2710 mm	2710 mm	2905 mm	2905 mm

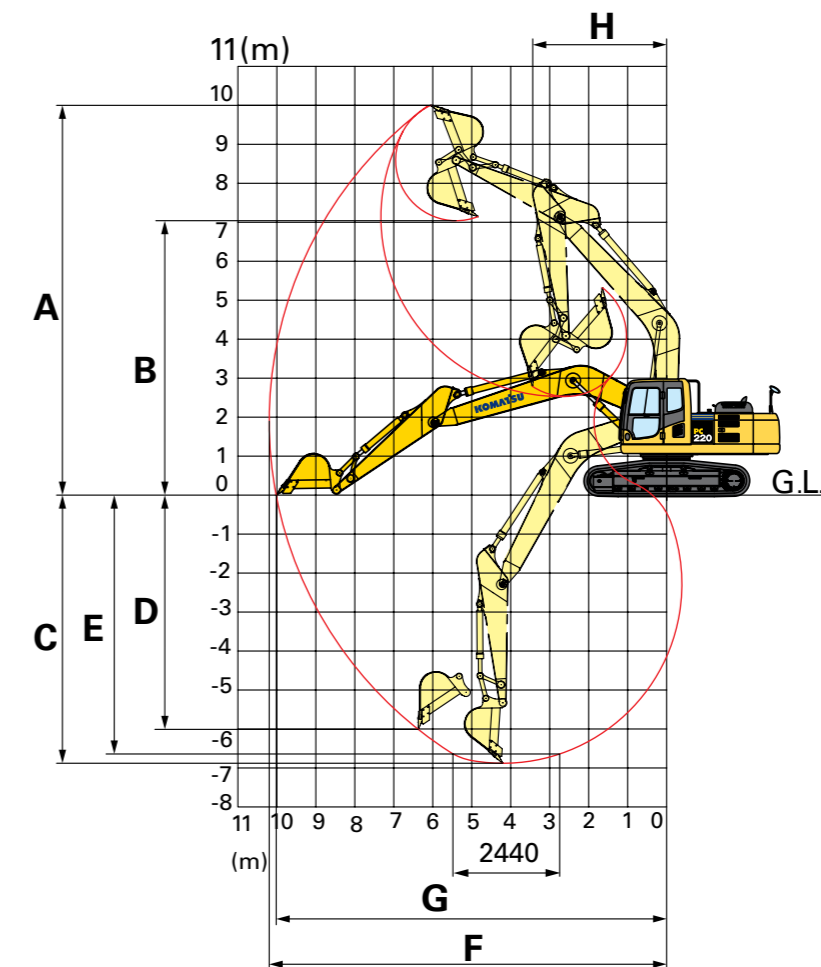
** : Including handrail



WORKING RANGE

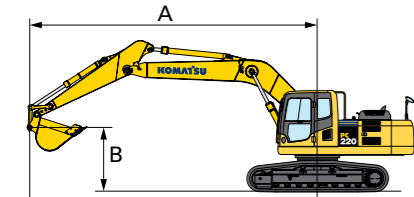
	Model	PC200/LC-8M0	PC220/LC-8M0
A	Max. digging height	10000 mm	10000 mm
B	Max. dumping height	7110 mm	7035 mm
C	Max. digging depth	6620 mm	6920 mm
D	Max. vertical wall digging depth	5980 mm	6010 mm
E	Max. digging depth of cut for 8' level	6370 mm	6700 mm
F	Max. digging reach	9875 mm	10180 mm
G	Max. digging reach at ground level	9700 mm	10020 mm
H	Max. swing radius	3040 mm	3450 mm
SAE Rating	Bucket digging force at power max	138 kN 14100 kg	152 kN 15500 kg
	Arm crowd force at power max	101 kN 10300 kg	119 kN 12100 kg
ISO Rating	Bucket digging force at power max	149 kN 15200 kg	172 kN 17500 kg
	Arm crowd force at power max	108 kN 11000 kg	129 kN 13200 kg

Working range data applicable for machines when fitted with 2925 mm (PC200/LC-8M0) or 3045 mm (PC220/LC-8M0) arm and 0.8m³ (PC200/LC-8M0) or 1.0m³ (PC220/LC-8M0) SAE heaped factory bucket.





LIFTING CAPACITY WITH LIFTING MODE



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

PC200-8M0 Boom: 5700 mm Arm: 2900 mm Shoes: 600 mm triple grouser Bucket: 0.8 m3 SAE heaped (635 kg)												
B \ A	☼ MAX		7.5 m		6.0 m		4.5 m		3.0 m		1.5 m	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.5 m	*2850 kg	*2850 kg			*4050 kg	*4050 kg						
6.0 m	*2750 kg	*2750 kg	*3100 kg	3000 kg	*4250 kg	*4250 kg						
4.5 m	*2750 kg	2500 kg	4450 kg	2950 kg	*4900 kg	4400 kg	*5550 kg	*5550 kg				
3.0 m	*2900 kg	2250 kg	4300 kg	2850 kg	*5900 kg	4150 kg	*7750 kg	6600 kg	*11650 kg	*11650 kg		
1.5 m	*3200 kg	2150 kg	4150 kg	2700 kg	6000 kg	3900 kg	9450 kg	6050 kg				
0 m	3450 kg	2150 kg	4050 kg	2600 kg	5800 kg	3700 kg	9250 kg	5700 kg	*5200 kg	*5200 kg		
-1.5 m	3750 kg	2350 kg	4000 kg	2550 kg	5700 kg	3600 kg	9100 kg	5600 kg	*9300 kg	*9300 kg	*5200 kg	*5200 kg
-3.0 m	4450 kg	2850 kg			5700 kg	5700 kg	9150 kg	5650 kg	*14800 kg	11250 kg	*9750 kg	*9750 kg
-4.5 m	6350 kg	4050 kg					*9150 kg	5850 kg	*13100 kg	11600 kg		

PC200LC-8M0 Boom: 5700 mm Arm: 2900 mm Shoes: 600 mm triple grouser Bucket: 0.8 m3 SAE heaped (635 kg)												
B \ A	☼ MAX		7.5 m		6.0 m		4.5 m		3.0 m		1.5 m	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.5 m	*2850 kg	*2850 kg			*4050 kg	*4050 kg						
6.0 m	*2750 kg	*2750 kg	*3100 kg	*3100 kg	*4250 kg	*4250 kg						
4.5 m	*2750 kg	*2750 kg	*4600 kg	3300 kg	*4900 kg	4900 kg	*5550 kg	*5550 kg				
3.0 m	*2900 kg	2550 kg	5000 kg	3200 kg	*5900 kg	4650 kg	*7750 kg	7400 kg	*11650 kg	*11650 kg		
1.5 m	*3200 kg	2450 kg	4850 kg	3050 kg	*7000 kg	4400 kg	*9850 kg	6850 kg				
0 m	*3700 kg	2450 kg	4750 kg	2950 kg	6800 kg	4200 kg	*10900 kg	6500 kg	*5200 kg	*5200 kg		
-1.5 m	4400 kg	2700 kg	4700 kg	2900 kg	6700 kg	4100 kg	10950 kg	6350 kg	*9300 kg	*9300 kg	*5200 kg	*5200 kg
-3.0 m	5250 kg	3250 kg			6700 kg	4100 kg	*10650 kg	6400 kg	*14800 kg	12950 kg	*9750 kg	*9750 kg
-4.5 m	*6750 kg	4600 kg					*9150 kg	6600 kg	*13100 kg	*13100 kg		

PC220-8M0 Boom: 5850 mm Arm: 3045 mm Shoes: 600 mm triple grouser Bucket: 1.26 m3 SAE heaped (915 kg)												
B \ A	☼ MAX		7.5 m		6.0 m		4.5 m		3.0 m		1.5 m	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.5 m	*3150 kg	*3150 kg			*4150 kg	*4150 kg						
6.0 m	*3000 kg	*3000 kg	*4400 kg	3450 kg	*4300 kg	*4300 kg						
4.5 m	*3050 kg	2600 kg	*4850 kg	3400 kg	*5100 kg	*5100 kg						
3.0 m	*3200 kg	2300 kg	4800 kg	3200 kg	*6400 kg	4800 kg	*8450 kg	7800 kg				
1.5 m	3450 kg	2200 kg	4650 kg	3050 kg	6800 kg	4500 kg	10850 kg	7100 kg				
0 m	3500 kg	2250 kg	4500 kg	2900 kg	6550 kg	4250 kg	10600 kg	6650 kg				
-1.5 m	3850 kg	2450 kg	4450 kg	2850 kg	6400 kg	4100 kg	10400 kg	6500 kg	*10400 kg	*10400 kg		
-3.0 m	4550 kg	2950 kg	4450 kg	2850 kg	6350 kg	4100 kg	10450 kg	6550 kg	*17700 kg	13500 kg	*10350 kg	*10350 kg
-4.5 m	6350 kg	4150 kg			6550 kg	4250 kg	10700 kg	6750 kg	*16500 kg	13900 kg		

PC220LC-8M0 Boom: 5850 mm Arm: 3045 mm Shoes: 600 mm triple grouser Bucket: 1.26 m3 SAE heaped (915 kg)												
B \ A	☼ MAX		7.5 m		6.0 m		4.5 m		3.0 m		1.5 m	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.5 m	*3150 kg	*3150 kg			*4150 kg	*4150 kg						
6.0 m	*3000 kg	*3000 kg	*4400 kg	3950 kg	*4300 kg	*4300 kg						
4.5 m	*3050 kg	3000 kg	*4850 kg	3900 kg	*5100 kg	*5100 kg						
3.0 m	*3200 kg	2750 kg	*5500 kg	3700 kg	*6400 kg	5500 kg	*8450 kg	*8450 kg				
1.5 m	*3550 kg	2600 kg	5650 kg	3550 kg	*7700 kg	5200 kg	*11100 kg	8200 kg				
0 m	*4100 kg	2650 kg	5500 kg	3400 kg	8000 kg	4950 kg	*12500 kg	7750 kg				
-1.5 m	4700 kg	2900 kg	5450 kg	3350 kg	7850 kg	4800 kg	*12850 kg	7600 kg	*10400 kg	*10400 kg		
-3.0 m	5600 kg	3450 kg	5450 kg	3350 kg	7850 kg	4800 kg	*12650 kg	7650 kg	*17700 kg	16050 kg	*10350 kg	*10350 kg
-4.5 m	*7750 kg	4800 kg			8000 kg	4950 kg	*11140 kg	7850 kg	*16500 kg	16300 kg		

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



STANDARD EQUIPMENT

ENGINE:

- Additional filter system for poor-quality fuel (water separator)
- Air pre-cleaner
- Automatic engine warm-up system
- Dry type air cleaner, double element
- Engine, Komatsu SAA6D107E-1
- Engine overheat prevention system
- Large capacity fuel pre-filter
- Radiator and oil cooler dust proof net
- Side by side coolers
- Suction cooling fan

ELECTRICAL SYSTEM:

- Auto-decel
- Alternator, 24V / 60A
- Batteries, 2 X 12V / 120Ah
- Emergency stops x 3
- Starting motor, 24V / 5.5kW
- Voltage reducer 24V to 12V, with socket
- Working lights
 - 1 x boom
 - 1 x RH
 - 3 x cab
 - 1 x counterweight

HYDRAULIC SYSTEM:

- Arm holding valve
- Boom holding valve
- Boom and arm burst valve protection
- Dual flow hammer piping
- Full flow in-line filter
- "HydraMind" closed centre load sensing system
- Overload alarm
- Power maximizing system
- PPC hydraulic control system
- Quick hitch piping with safety switch and alarm
- Working mode selection system

GUARDS AND COVERS:

- Bump rails
- Engine side covers, perforated
- Fan guard structure
- Revolving frame under cover

UNDERCARRIAGE:

- 600 mm triple grouser shoes
- Hydraulic track adjusters (each side)
- Track frame undercover
- Track guiding guard, centre section
- Track roller:
 - PC200-8M0, 7 each side
 - PC200LC-8M0, 9 each side
 - PC220-8M0, 8 each side
 - PC220LC-8M0, 10 each side

OPERATOR ENVIRONMENT:

- AM / FM radio
- Bolt-on top guard [Operator Protective Guard level 2 (OPG)]
- Half height cab front guard
- EMMS monitoring system
- Large capacity automatic air conditioner
- Multi-function color monitor
- Rear view mirror (RH, LH, sidewise)
- Rear view monitoring system
- ROPS cab (ISO 12117-2 and OPG Level 1) with vandal cover provision
- Rotating beacon with guard
- Seat belt, retractable
- Seat, suspension

OTHER EQUIPMENT:

- Counterweight
- Electric horn
- Level indicator
- Rear reflector
- Travel alarm
- Slip-resistant plates



OPTIONAL FACTORY EQUIPMENT

UNDERCARRIAGE:

- 700 mm triple grouser shoes
- 800 mm triple grouser shoes
- Track roller guards (full length)

WORK EQUIPMENT:

- Arms (PC200/LC-8M0)
 - 2410 mm arm assembly

OPERATOR ENVIRONMENT:

- Full height cab front guard [Operator Protective Guard level 2 (OPG)]

