

KOMATSU

PC210LCi-10

Australian & New Zealand specification

ENGINE POWER

Gross: 123 kW / 165 HP @ 2000 rpm

Net: 118 kW / 158 HP @ 2000 rpm

OPERATING WEIGHT

22,600 kg – 23,800 kg

PC
210LCi

HYDRAULIC EXCAVATOR



Photos may include optional equipment.



WALK-AROUND

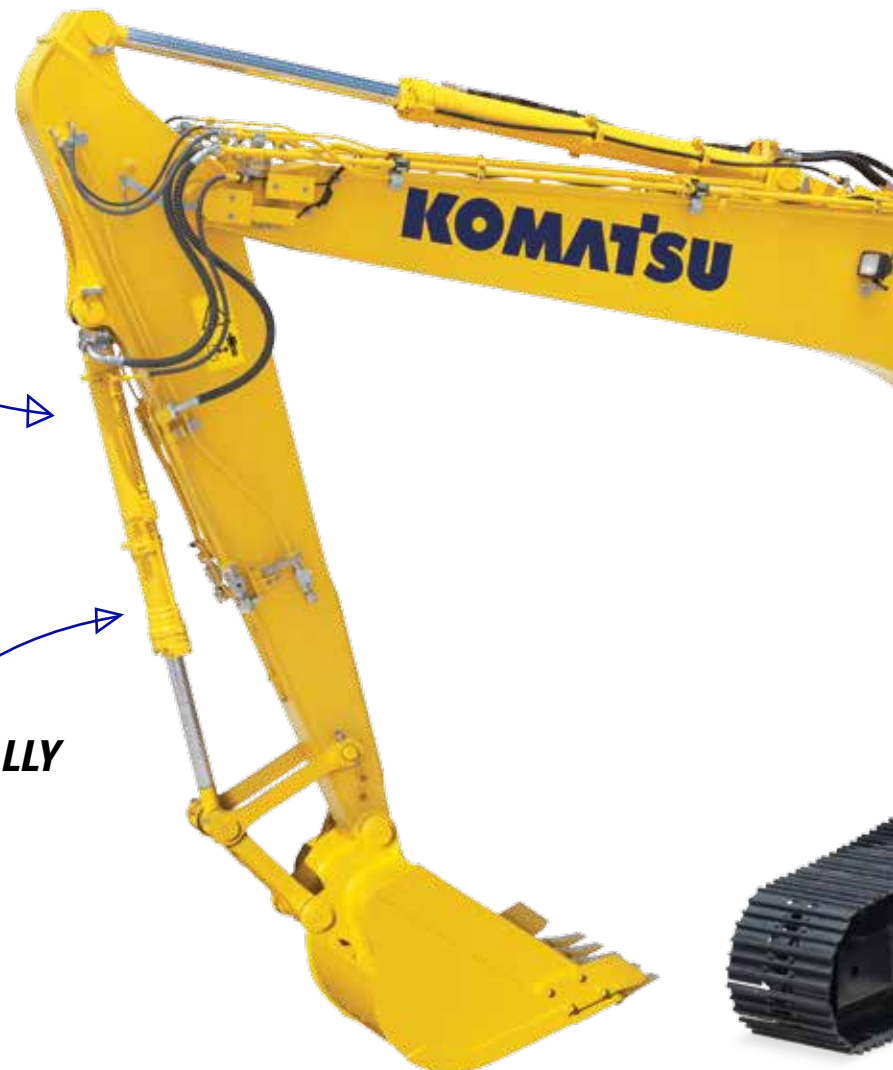
The Komatsu PC210LCi-10 is the world's first intelligent Machine Control excavator. It features Komatsu's revolutionary and fully factory integrated 3D machine control and guidance system. This next generation technology goes beyond traditional machine guidance (indicate only) type systems with an exclusive control function that allows you to focus on moving material efficiently while semi-automatically tracing the target surface and limiting over-excavation. From rough digging to finish grading, the PC210LCi-10 drastically improves efficiency, precision and safety on your work sites. Hydraulic excavators will never be the same again.

TOTAL VERSATILITY

- Ideal for a wide range of applications
- 6 working modes
- Built-in versatility

POWERFUL AND ENVIRONMENTALLY FRIENDLY

- Low consumption EU Stage IIIB/
EPA Tier 4 interim engine
- Fuel-saving engine and hydraulic technology
- Adjustable Eco-gauge and idle caution



INTELLIGENT MACHINE CONTROL

- 3D GNSS system
- Integrated & standard factory installed
- Automatic real time digging control
 - Auto Stop Control
 - Auto Grade Assist
 - Minimum Distance Control
- Stroke sensing cylinders
- Intelligent touch screen monitor
- Drastically improved efficiency

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Gross: 123 kW / 165 HP

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FIRST-CLASS OPERATOR COMFORT

- Fully air suspended operator station
- Low noise design
- Low vibration levels
- Large, widescreen hi-res display monitor
- Improved operator convenience

QUALITY YOU CAN RELY ON

- Reliable and efficient
- Rugged design
- Komatsu-quality components

HIGHEST SAFETY STANDARDS

- ROPS cab compliant with ISO 12117-2:2008
- Low profile rear view camera
- Optimal jobsite safety
- Safe access, easy maintenance



Complimentary maintenance
program for customers



Komatsu Wireless
Monitoring System

INTELLIGENT MACHINE CONTROL

INNOVATIVE

Intelligent Machine Control

Intelligent Machine Control is based on Komatsu's unique sensor package, including stroke sensing hydraulic cylinders, an Inertial Measurement Unit (IMU) sensor and Global Navigation Satellite System (GNSS) antennas. It utilises 3D design data loaded in the

control box to accurately check its position against the target. If the bucket hits the target surface, it is semi-automatically limited to minimise over-excavation. If the operator turns off Auto mode, the machine can be operated with highly accurate, responsive machine guidance (indicate only).

Automatic Real Time Digging Control



Auto grade assist

The operator moves the arm, the boom adjusts the bucket height automatically, tracing the target surface and minimising digging too deep. This allows the operator to perform bulk excavation without worrying about the design surface, and to perform fine digging by operating the arm lever only. The working range is expanded by holding the lever to move the boom downward.



Auto stop control

During boom or bucket operation, the work equipment automatically stops when the bucket edge reaches the required grade, minimising over-excavation or damage to the design surface.



Minimum distance control

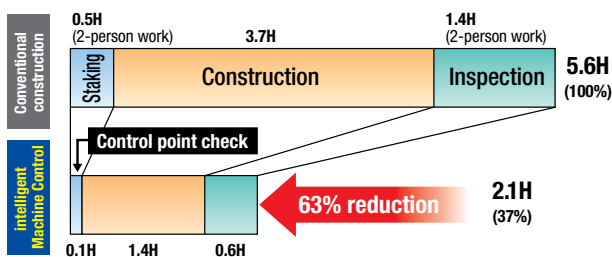
Bucket control automatically selects point on the bucket closest to the target surface. Even if the machine is not facing a sloped surface at a right angle, it will still follow the target surface, minimising digging below it.



Drastically Improved Efficiency

Staking, surveying and final inspection which is usually done manually, can be reduced with the Intelligent Machine Control excavator by setting 3D design data on the control box. Also, use of the facing angle compass can minimise levelling work for the surface on which the machine sits. Even if the machine is inclined while working, the facing angle compass allows the operator to ensure that the machine is facing perpendicular to the target surface. The Intelligent Machine Control technology allows the operator to improve work efficiency (i.e. shorter construction time) while minimising over-excavating the target surface from rough digging to finish grading.

Comparison of construction time based on in-house text of excavation and grading slope surface



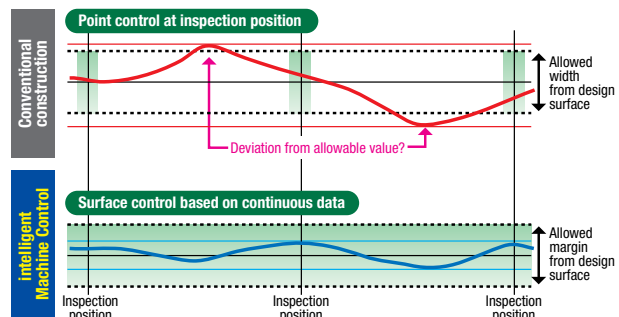
Higher Safety

By reducing manual staking, surveying and final inspection tasks, the Intelligent Machine Control excavator virtually eliminates the need for ground staff around the machine. GNSS antennas integrated in the handrails also removes the need to access the top of the counterweight.

Greater Precision & Work Accuracy

The bucket edge / tip is instantly displayed on the control box, eliminating the wait time for display on the monitor during construction. The large and easy-to-view control box displays information clearly, aiding in highly accurate work. With manual operation and conventional machine guidance, finish grade quality and excavating accurately depends heavily on the skill of the operator. With the Intelligent Machine Control excavator, the bucket is automatically limited to follow the target grade without over-excavating.

Relationship between finished surface and allowable value



As-Built Surface Track Mapping

Operator can display and check the as-built status and find where to cut and fill.

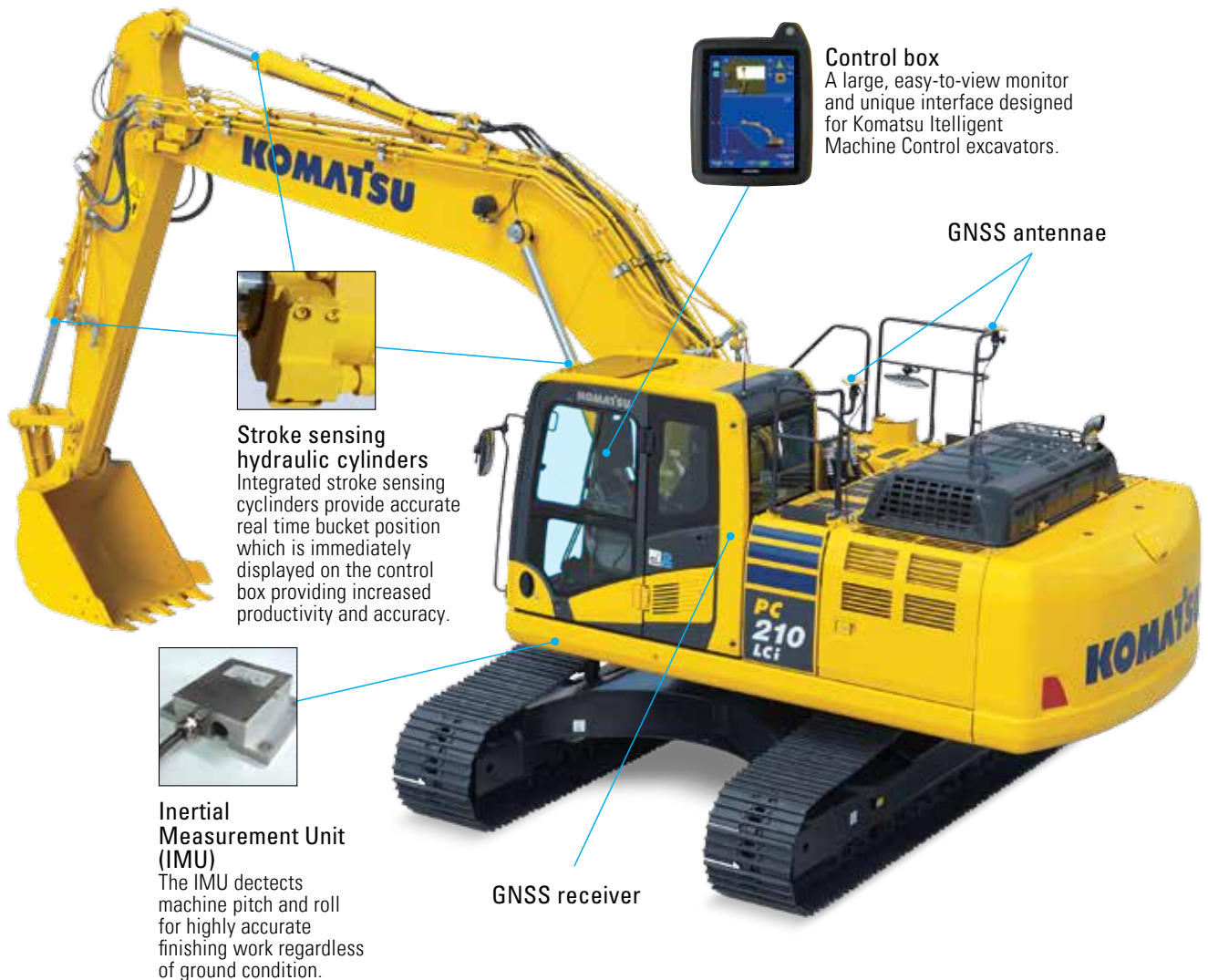


INTELLIGENT MACHINE CONTROL

INTEGRATED

Factory Installed Components

The machine control and guidance system on the Intelligent Machine Control excavator is fully factory integrated. Stroke sensing cylinders for the boom, arm and bucket, were newly developed by Komatsu for precise real time bucket edge positioning. An IMU (Inertial Measuring Unit) gives precise machine orientation and determines machine angle from gyro and accelerometer data. GNSS antennae are integrated into the handrails.



Remote Assistance

Remote assistance from Komatsu is available with the machine. This service enables transmission of design data from office to machine and enables personalised troubleshooting from afar via the internet.





INTELLIGENT Touch-Screen Control Box

The monitor of the Komatsu Intelligent Machine Control excavator (control box) uses a large 12.1" (30.7cm) screen for visibility and ease of use. The simple screen layout displays the necessary information in an easily understood fashion. Touch screen icon interface instead of multi-step menu simplifies operation.

Realistic 3D Display

The machine and design surfaces are shown in realistic 3D. The angle and magnification of the views can be changed, which allows the operator to select the optimum view depending on work conditions.



Machine Navigation Facing Angle Compass

The orientation and colour of the facing angle compass arrow shows the operator the facing angle of the bucket edge relative to the target surface. This allows the bucket edge to be accurately positioned square with the target surface selected by the operator, which is useful when finishing slopes.



Bucket Edge Guidance Visual and Audible

Light Bar

Colours show the bucket edge position relative to the target surface. Since the light bar is located on the left side of the screen, the bucket edge position can be viewed simply while operating, which increases the work efficiency.



Sound Guidance

The operator can recognise the target surfaces not only by eyesight, but also by sound. Unique tones can be programmed for various bucket edge distances from the target surface.



POWERFUL AND ENVIRONMENTALLY FRIENDLY

New Komatsu Engine Technology

The powerful and fuel efficient Komatsu SAA6D107E-2 engine in the PC210LCi-10 delivers 123 kW / 165 HP and is EU Stage IIB / EPA Tier 4 interim certified. To maximise power, fuel efficiency and emission compliance, it is turbocharged and features direct injection, air-to-air after cooling and cooled EGR. The engine control system has been upgraded to effectively manage air flow rate, EGR gas flow rate, fuel injection parameters and after-treatment functions. The new control system also provides enhanced diagnostic capabilities.

Komatsu Diesel Particulate Filter (KDPF)

Komatsu's high efficiency DPF captures more than 90% of particulate matter. It includes a special oxidation catalyst with fuel injection system that can incinerate trapped particulate by either active or passive regeneration with no need to interrupt machine operations.

Exhaust Gas Recirculation (EGR)

Cooled EGR is a technology well-proven in current Komatsu engines. The increased capacity of the EGR cooler now ensures very low NOx emissions and a better engine performance.

Komatsu Variable Geometry Turbo (KVGT)

The KVGT provides optimal air flow to the engine combustion chamber under all speed and load conditions. Exhaust gas is cleaner, fuel economy is improved while machine power and performance are maintained.

Komatsu Closed Crankcase Ventilation (KCCV)

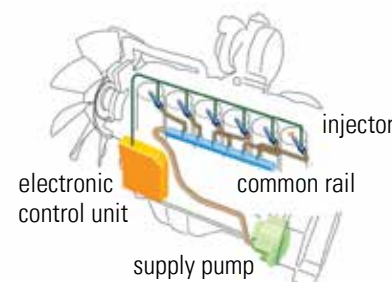
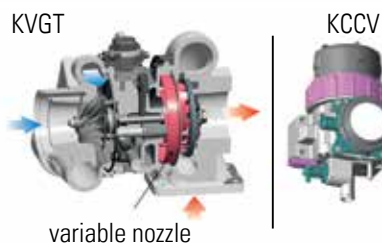
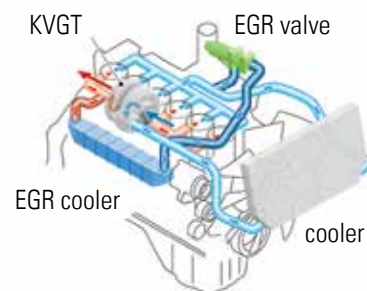
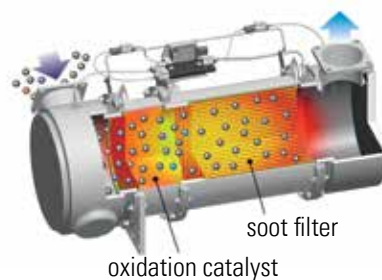
Crankcase emissions (blow-by gas) are passed through a CCV filter. The oil mist trapped in the filter is returned back to the crankcase while the filtered gas is returned to the air intake.

High-Pressure Common Rail (HPCR)

To achieve complete fuel burn and lower exhaust emissions, the heavy duty High-Pressure Common Rail fuel injection system is computer controlled to deliver a precise quantity of pressurised fuel into the redesigned engine combustion chamber by multiple injections.

Fuel-Saving Engine and Hydraulic Technology

The PC210LCi-10 uses a Closed-centre Load Sensing System (CLSS) and large displacement hydraulic pump with increased flow output. The PC210LCi-10 also features new technology to enhance engine and hydraulic pump control, including variable speed matching and an automatic low idle, to match the engine and hydraulics at the most efficient point under any load condition. This total control system, along with improvements in the main control valve and hydraulic circuit to reduce hydraulic loss, result in higher efficiency and precision during single and compound operations, as well as lower fuel consumption.



Low Operational Noise

The PC210LCi-10 provides low noise operation using a low noise engine and methods that reduce noise at the source such as sound absorbing materials.



ECO Guidance and Idle Caution

The ECO gauge, fuel consumption gauge, ECO guidance menu and active recommendations help the operator reduce emissions and fuel consumption for environmentally friendly and energy saving operations. And to further avoid wasting fuel when the machine is not actually working, a standard-fit idle caution is displayed if the engine idles for 5 minutes or more.



Active ECO recommendations



ECO guidance menu

TOTAL VERSATILITY

Ideal for a wide range of applications

Powerful and precise, the Komatsu PC210LCi-10 is equipped to efficiently carry out any task your business requires. On big sites or small, for digging, trenching, landscaping or site preparation, the Komatsu hydraulic system always ensures maximum productivity and control.

6 working modes

Power, Lifting, Breaker, Economy, Attachment Power and Attachment Economy modes are all available, ensuring that the PC210LCi-10 delivers the power you need with minimised fuel usage. Each mode is designed to match engine speed, pump flow, and system pressure to the application. The Economy mode can be adjusted for an ideal balance between power and economy to match your work. The oil flow delivered to hydraulic attachments is adjustable directly on the class-leading wide screen monitor panel.

Working Mode	Application	Advantage
P	Power mode	- Maximum production/power - Fast cycle times
E	Economy mode	- Good cycle times - Better fuel economy
L	Lifting mode	Suitable attachment speed
B	Breaker mode	Optimum engine rpm, hydraulic flow
ATT/P	Attachment Power mode	- Optimum engine rpm, hydraulic flow, 2way - Power mode
ATT/E	Attachment Economy mode	- Optimum engine rpm, hydraulic flow, 2way - Economy mode



Built-in versatility

A standard fit additional hydraulic circuit, controlled by a sliding joystick push button and a floor mounted pedal, gives the PC210LCi-10 excellent versatility. Ten attachment memory settings are provided, with individually definable names. In combination with the standard-fit hydraulic quick hitch power circuit, changing working style is now even simpler.





FIRST-CLASS OPERATION COMFORT

Newly Designed, Spacious Cab

The wide spacious cab features a new, fully air suspended operator control station that incorporates the side consoles mounted together with a high back, fully adjustable air suspension seat, heated for improved comfort.

Low Cab Noise

The new cab design is highly rigid and has excellent sound absorption ability. By improving noise source reduction and by using a low noise engine, hydraulic equipment, and air conditioner, this machine is able to generate low noise levels similar to that of a modern automobile.

Cab Damper Mounting

The built-in stability of the Komatsu PC210LCi-10, combined with a highly rigid deck and a sprung multi-layer viscous mount system drastically reduces vibration levels for the operator.

Automatic Air Conditioner

The automatic air conditioner allows the operator to easily and precisely set the cab atmosphere using the large LCD colour monitor panel. The bi-level control function improves air flow and keeps the inside of the cab comfortable throughout the year.

Pressurised Cab

The air conditioner, air filter, and a higher internal cab air pressure minimise the amount of external dust that enters the cab.

Large, Widescreen Hi-Res Display Monitor

To enable safe, accurate and smooth work, the user friendly monitor is the highly intuitive user interface for the machine's Equipment Management and Monitoring System (EMMS). Multilingual and will all essential information available at a glance, it features simple and easy to operate switches and multifunction keys that provide the operator with fingertip access to a wide range of functions and operating information.



Large, widescreen hi-res display monitor



Proportional control joysticks



HIGHEST SAFETY AND QUALITY STANDARDS

ROPS Cabin

The PC210LCi-10 is equipped with an integrated ROPS cabin compliant with ISO 12117-2:2008 as standard equipment. It has a tubular steel frame and provides very high shock absorbency, impact resistance and durability. The seat belt is designed to keep the operator in the safety zone of the cab in the event of a roll-over. The cab also meets ISO 10262 OPG Top Guard Level 1 requirements and an optional bolt-on OPG Level 2 top guard is available for superior falling object protection.

Rear View Camera

A standard fitment camera gives an exceptionally clear view of the rear work zone on the wide-screen monitor panel. The low profile camera is adjustable and integrated into the counterweight's shape.

Optimal Job Site Safety

Safety features on the PC210LCi-10 comply with the latest industry standards and work together to minimise the risks to personnel in and around the machine. Hydraulic lock lever, seat belt caution indicator, emergency stop switches, rotating amber beacon, battery disconnect switch and an audible travel alarm further promotes job site safety. Highly durable anti-slip plates – with additional high friction covering – maintain long term traction performance.

Safe and Easy Maintenance

Thermal guards are placed around high temperature parts of the engine. The fan belts and pulleys are well protected and in case of damage, fire risk is reduced by a pump / engine partition that prevents hydraulic oil from spraying onto the engine. The engine hood is hinged to the rear, with anti-slip plates positioned around the engine bay to ensure safe and easy access from all sides. Exceptionally sturdy handrails further contribute to a high safety level.



ROPS Cab



Low Profile Rear View Camera



Anti-Slip Plates



Large Handrails



Cast Boom Foot



Single Piece Boom Plates

Rugged Design

Maximum toughness and durability – along with top class customer service – are the cornerstones of Komatsu's philosophy. Booms and arms are constructed with thick plates of high tensile strength steel. Single piece plates, large cross-sectional areas and large one piece castings in the boom foot, boom tip and arm tip provide smoother distribution of working loads and result in work equipment that exhibits long term durability and high resistance to bending and torsional stress. Flat face to face o-ring seals, sealed DT-type connectors, metal guard rings to protect hydraulic cylinders and grease sealed tracks all further contribute to long term machine reliability.

Reliable and Efficient

Productivity is the key to success – all major components of the PC210LCi-10 are designed and directly manufactured by Komatsu. Essential machine functions are perfectly matched for a highly reliable and productive machine.

Komatsu Quality Components

With the latest computer design techniques and a thorough test programme, Komatsu's global know how produces machines that are designed, manufactured and tested to meet your highest standards.

EASY MAINTENANCE

Easy Cleaning of Coolers

Hinged air conditioning cooler and side-by-side radiator and oil cooler allow easy access for cleaning.



Battery Disconnect Switch

A standard battery disconnect switch allows a technician to disconnect the power supply and lock out before servicing the machine.



Self-Diagnostic Monitor

The PC210LCi-10 features an advanced diagnostic system that continuously monitors the machine's vital systems. It also provides the operator with maintenance and service information. If oil filters need replacing or any abnormality occurs. In addition, it supplies Komatsu mechanics with detailed information, with no need for external service tools.

Maintenance	Interval	Remain
Air Cleaner Cleaning / Change	—	—
Engine Oil Change	500 h	488 h
Engine Oil Filter Change	500 h	488 h
Fuel Main Filter Change	1000 h	968 h
Fuel Pre-Filter Change	500 h	488 h

Quick Access to Filters and Fuel Drain Valve

The engine oil filter, the fuel filters and the fuel drain valve are mounted remotely to make them accessible from ground level.



Water Separator

A standard water separator removes any water that has become mixed with the fuel, preventing fuel system damage.



Long Life Oils, Filters

High performance filters are used in the hydraulic circuit and engine. By increasing the oil and filter replacement intervals, maintenance costs can be significantly reduced.



Hydraulic oil filter
(Ecology-white element)

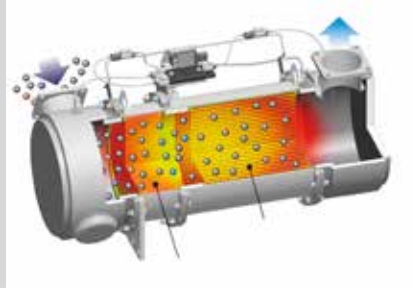
Engine oil & Engine oil filter	every 500 hours
Hydraulic oil	every 5,000 hours
Hydraulic oil filter	every 1,000 hours



KOMPLIMENTARY MAINTENANCE

Komatsu Complimentary servicing is a complimentary maintenance program for Komatsu customers that comes as standard with every new Komatsu EU Stage IIIB / EPA Tier 4 Interim PC210LCi-10 hydraulic excavator. For the first 3 years / 2000 hours it covers factory-scheduled maintenance, performed by Komatsu-trained technicians with Komatsu Genuine parts. It also offers one complimentary Komatsu Diesel Particulate Filter (KDPF) exchange unit at 4500 hours.

Komatsu Diesel Particulate Filter (KDPF)



Komatsu has developed a high efficiency diesel particulate filter that captures more than 90% of particulate matter. Both passive and active regeneration are automatically initiated by the engine controller depending on the soot level of the KDPF. A special oxidation catalyst with a fuel injection system is used to oxidise and remove particulate matter while the machine is running so the regeneration process will not interfere with daily operation. The operator can also initiate regeneration manually or disable regeneration depending on the work environment.

KDPF Regeneration Notification



The LCD colour monitor panel provides the operator with the status of the KDPF regeneration without interfering with daily operation. When the machine initiates active generation, an icon will notify the operator.

Manual Stationary Regeneration



Under most conditions, active regeneration will occur automatically with no effect on machine operation. In case the operator needs to disable active regeneration or initiate a manual stationary regeneration, such as in high-combustible applications, this can be easily accomplished through the monitor panel. The soot level indicator identifies how much soot is trapped in the KDPF.



PC210LCi

Hydraulic Excavator

KOMATSU WIRELESS FLEET MONITORING SYSTEM

The easy way to higher productivity

KOMTRAX™ is the latest in wireless monitoring technology. It delivers insightful and cost saving information about your fleet and equipment and offers you a wealth of information to facilitate peak machine performance. By creating a tightly integrated web of support it allows pro active and preventive maintenance and helps you to efficiently run a business.

Knowledge

You get quick answers to basic and critical questions about your machines – what they're doing, when they did it, where they're located, how they can be used more efficiently, and when they need to be serviced. Performance data is relayed by satellite from your machine to your computer, mobile device and to your local Komatsu branch – who's readily available for expert analysis and feedback.

Convenience

KOMTRAX™ helps to conveniently manage your fleet on the web or mobile device, wherever you are. Data is analysed and packaged specifically for easy and intuitive viewing in maps, lists, graphs and charts. You can anticipate the type of service and parts your machines could require, or troubleshoot problems before Komatsu technicians arrive on site.

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SPECIFICATIONS



ENGINE

Model.....	Komatsu SAA6D107E-2
Type.....	Water cooled, 4-cycle, direct injection
Aspiration.....	Turbocharged, aftercooled, cooled EGR
Number of cylinders.....	6
Bore.....	107mm
Stroke.....	124mm
Piston Displacement.....	6.69L
Horsepower:	
SAE J1995.....	Gross 123 kW 165 HP
ISO 9249 / SAE J1349.....	Net 118 kW 158 HP
Rated RPM.....	2000 rpm
Fan drive method for radiator cooling.....	Mechanical
Governor.....	All-speed control, electronic



HYDRAULICS

Type.....	HydrauMind (Hydraulic Mechanical Intelligence New Design) system, closed-centre 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.....	475 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/cm ²
Travel circuits.....	37.3 Mpa 380 kg/cm ²
Swing circuit.....	28.9 Mpa 295 kg/cm ²
Pilot circuit.....	3.2 Mpa 33 kg/cm ²
Hydraulic cylinders:	
(Number of cylinders – bore x stroke x rod diameter)	
Boom.....	2 – 130mm x 1334mm x 90mm
Arm.....	1 – 135mm x 1490mm x 95mm
Bucket.....	1 - 115mm x 1120mm x 80mm



DRIVES AND BRAKES

Steering control.....	Two levers with pedals
Drive method.....	Hydrostatic
Maximum drawbar pull.....	202 kN 20570 kg
Gradeability.....	70% 35°
Maximum travel speed: High.....	5.5 km/h
(Auto-Shift) Mid.....	4.1 km/h
(Auto-Shift) Low.....	3.0 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.....	12.4 rpm
Swing torque.....	6900 kg.m



UNDERCARRIAGE

Centre 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.....	400L
Coolant.....	30.7L
Engine.....	23.1L
Final drive, each side.....	5.0L
Swing drive.....	6.5L
Hydraulic tank.....	132L



OPERATING WEIGHT (APPROXIMATE)

Includes 5700 mm one-piece boom, 2925 mm arm, 600mm shoes, rated capacity of lubricants, coolant, full fuel tank, operator, standard equipment, KGA quick hitch and 1800mm tilting slope finishing bucket.

Operating Weight	Ground Pressure
23,330 kg	0.49 kg/cm ²



RATED CAPACITY

Rated capacity when fitted with 5700 mm, 2925 mm arm, 600mm shoes and lifting suspended loads with KGA quick hitch (as per Australian standards).....2300 kg



ENVIRONMENT

Engine emissions.....	Fully complies with EU Stage IIIB and EPA Tier 4 interim exhaust emission regulations
Noise levels	
LwA external.....	102 dB(A) (2000/14/EC Stage II)
LpA operator ear.....	69 dB(A) (ISO 6396 dynamic test)

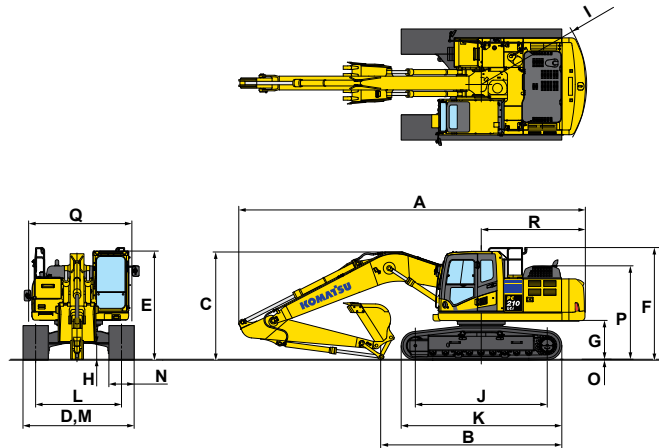


DIMENSIONS

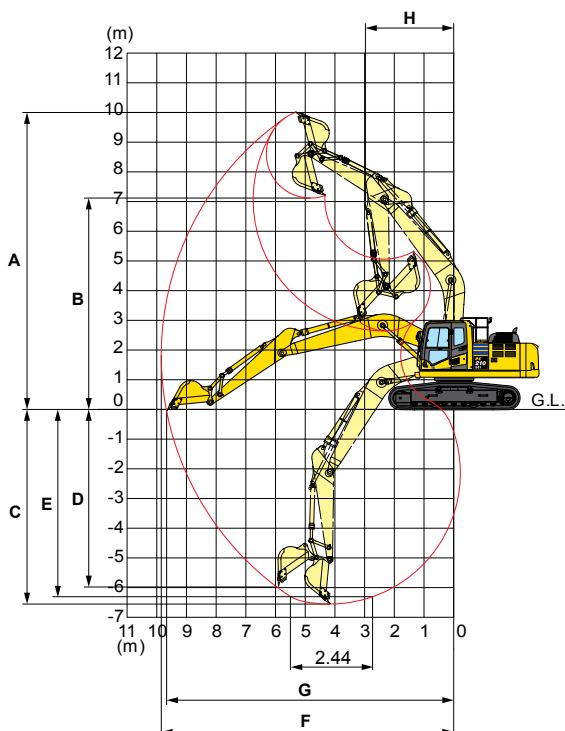
Arm Length		2925 mm
A	Overall length	9625 mm
B	Length on ground	5000 mm
C	Overall height (to top of boom)*	2996 mm
D	Overall width	2980 mm
E	Overall height (to top of cab)	3045 mm
F	Overall height (to top of handrail)	3135 mm
G	Ground clearance, counterweight	1085 mm
H	Ground clearance, minimum	440 mm
I	Tail swing radius	2940 mm
J	Track length on ground	3655 mm
K	Track length	4450 mm
L	Track gauge	2380 mm
M	Width of crawler	2980 mm
N	Shoe width	600 mm
O	Grouser height	26 mm
P	Machine cab height	2605 mm
Q	Machine cab width **	2850 mm
R	Distance, swing centre to rear end	2910 mm

* Including grouser height

** Including handrail



WORKING RANGE

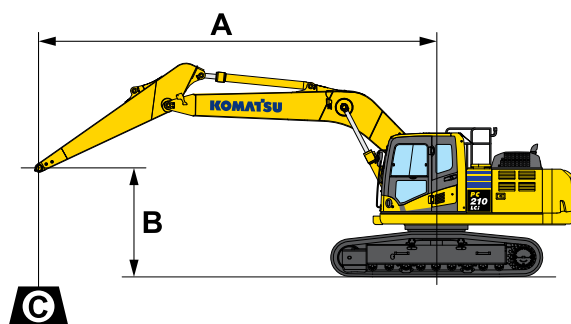


Arm Length		2925 mm
A	Max. digging height	9970 mm
B	Max. dumping height	7110 mm
C	Max. digging depth	6620 mm
D	Max. vertical wall digging depth	5980 mm
E	Max. digging depth of cut for 2.44m level	6370 mm
F	Max. digging reach	9875 mm
G	Max. digging reach at ground level	9700 mm
H	Min. swing radius	3040 mm
ISO Rating	Bucket digging force at power max	15,200 kg
	Arm crowd force at power max	11,000 kg

Working range data applicable for machine when fitted with 0.8m³ factory bucket.



LIFT CAPACITY



- a. Reach from swing centre
- b. Bucket hook height
- c. Lifting capacity
- cf. Rating over front
- cs. Rating over side
- ☉: Rating at maximum reach

Weights:

With 2,9 m arm: bucket and bucket cylinder: 335kg

With 600mm shoes

PC210LCi-10 Boom: 5700mm Arm: 2900mm Counterweight: Standard (3600 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	*3050 kg	*3050 kg	*4250 kg	*4250 kg						
4.5 m	*2750 kg	2650 kg	*4550 kg	3150 kg	*4850 kg	4700 kg	*5500 kg	*5500 kg				
3.0 m	*2900 kg	2400 kg	4900 kg	3000 kg	*5850 kg	4450 kg	*7700 kg	7100 kg	*11550 kg	*11550 kg		
1.5 m	*3200 kg	2300 kg	4750 kg	2900 kg	6800 kg	4150 kg	*9750 kg	6550 kg	*6800 kg	*6800 kg		
0 m	*3700 kg	2300 kg	4600 kg	2750 kg	6600 kg	3950 kg	10650 kg	6150 kg	*5200 kg	*5200 kg		
-1.5 m	4250 kg	2500 kg	4550 kg	2700 kg	6500 kg	3850 kg	10600 kg	6000 kg	*9300 kg	*9300 kg	*5150 kg	*5150 kg
-3.0 m	5050 kg	3050 kg			6500 kg	3850 kg	*10500 kg	6050 kg	*14800 kg	12350 kg	*9750 kg	*9750 kg
-4.5 m	*6650 kg	4350 kg					*9050 kg	6250 kg	*12900 kg	*12550 kg		

PC210LCi-10 Boom: 5700mm Arm: 2900mm Counterweight: Heavy (4180 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	*3050 kg	*3050 kg	*4250 kg	*4250 kg						
4.5 m	*2750 kg	*2750 kg	*4550 kg	3400 kg	*4850 kg	*4850 kg	*5500 kg	*5500 kg				
3.0 m	*2900 kg	2600 kg	*5050 kg	3300 kg	*5850 kg	4800 kg	*7700 kg	7500 kg	*11550 kg	*11550 kg		
1.5 m	*3200 kg	2500 kg	5050 kg	3150 kg	*6900 kg	4500 kg	*9750 kg	7050 kg	*6800 kg	*6800 kg		
0 m	*3700 kg	2550 kg	4950 kg	3050 kg	7050 kg	4300 kg	*10750 kg	6650 kg	*5200 kg	*5200 kg		
-1.5 m	4550 kg	2800 kg	4000 kg	3000 kg	6950 kg	4200 kg	*10900 kg	6550 kg	*9300 kg	*9300 kg	*5150 kg	*5150 kg
-3.0 m	5450 kg	3300 kg			6950 kg	4200 kg	*10500 kg	6600 kg	*14800 kg	13300 kg	*9750 kg	*9750 kg
-4.5 m	*6650 kg	4700 kg					*9050 kg	6800 kg	*12900 kg	*12900 kg		

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



STANDARD EQUIPMENT

ENGINE AND RELATED PARTS

- Komatsu SAA6D107E-2 turbocharged common rail direct injection diesel engine
- EU Stage IIIB / EPA Tier 4 interim compliant
- Automatic engine warm-up system
- Engine overheat prevention system
- Auto-deceleration function
- Suction cooling fan
- Side by side coolers
- Radiator and oil cooler dust proof net
- Fuel pre-filter (10 micron) and fuel filter (2 micron)
- Alternator, 24V / 60A
- Starter motor, 24V / 5.5kW
- Batteries, 2 x 12V / 155Ah

HYDRAULIC SYSTEM:

- "Hydraumind" closed centre load sensing system
- Dual flow attachment piping
- Power maximising system
- PPC hydraulic control system
- Adjustable PPC wrist control levers with sliding proportional control for attachments
- Quick hitch piping with safety switch and alarm
- Working mode selection system

UNDERCARRIAGE

- 600mm triple grouser shoes
- Hydraulic track adjusters (each side)
- Track frame undercover
- Track rollers, 9 each side

CABIN

- Air suspension seat, fabric, reclining, heated, high back
- Canvas seat cover
- Seat belt with visible alert
- Automatic air conditioner
- AM/FM radio
- UHF radio (80 channel)
- Auxiliary input (MP3 jack)
- 2 x 12 V power supply
- 1 x 24 V power supply
- Viscous cab mounts
- Level indicator
- Cup holder
- Lunch box holder

SERVICE AND MAINTENANCE

- Dry type air cleaner, double element with dust indicator and evacuator
- EU Stage IIIB / EPA Tier 4 interim compliant
- Multi-function video compatible colour monitor with Equipment Management and Monitoring System (EMMS) and efficiency guidance
- KOMTRAX – Komatsu wireless monitoring system level 4
- Komatsu Complimentary Maintenance
- Tool kit

LIGHTING SYSTEM

- Working lights, 1 x boom, 1 x RHS, 3 x cab, 1 x counterweight

SAFETY EQUIPMENT

- ROPS cabin (ISO 12117-2 and OPG Level 1)
- Electric horn
- Overload warning device
- Audible travel alarm
- Boom and arm burst valves
- Large handrails
- Rear view mirrors (RH, LH and sidewise)
- Battery disconnect switch
- Emergency stop switches
- Fire extinguisher 1.5 kg
- Slip resistant plates
- Rotating LED beacon with guard

INTELLIGENT MACHINE CONTROL

- Standard factory installed integrated 3D GNSS intelligent machine control system
- Automatic stop control, boom and bucket
- Automatic grade assist
- Topcon Sitelink ready
- Modem/network, remote support ready
- Tokara ready modem
- UHF & network antenna kits
- Receiver - UHF Digital II

OTHER

- Counterweight standard
- Revolving frame under cover



OPTIONAL EQUIPMENT

- Bolt-on top guard
[Operator Protective Guard level 2 (OPG)]
- Counterweight heavy

