

ZAXIS-5 series

HITACHI

Reliable Solutions

ZAXIS 210

Hitachi Construction Machinery Group

LANDCROS

Japanese Excellence—Reliable Solutions



HYDRAULIC EXCAVATOR

Model Code : ZX210LC-5A

Engine Rated Power : 113 kW (152 HP)

Operating Weight : 20 700 - 21 200 kg

Backhoe Bucket : ISO Heaped : 0.51 - 1.20 m³

ZAXIS Empower your Vision.

ZAXIS provides reliable solutions: impressive fuel economy, swift front movements, and easy operation. You'll also find our technological prowess and expertise, such as the optimized hydraulic system and engine.

ZAXIS features the key benefits of high quality, low fuel consumption, and high durability, all of which serve to ensure low running costs.

ZAXIS, which is empowered by comprehensive evolution, will realize customers' visions and dreams, and pioneer your colorful future.



More Production with Less Fuel

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- Achieving low fuel consumption and a large workload
- Powerful operation
- Easy-to-use attachments



No Compromise on Operator Comfort

Page 8-9

- Comfortable operating environment
- Comfort-designed operator seat
- Robust cab
- New, easy-to-use multifunction monitor



High Quality and Durability

Page 6-7

- New more reliable and durable engine
- Durable design
- Improved engine start-up performance in cold weather



Simplified Maintenance

Page 10-11

- Dust-proof indoor net
- Grouped remote inspection points
- Bottom cover for fuel tank cleaning
- Low life cycle costs

Note: The photos in this brochure show excavators with optional equipment.



Support Chain

Page 12-13

- Remote fleet management with Global e-Service
- Parts and service



ConSite

Page 14-15

- Automatic Data Report Service



More Production with Less Fuel



Achieving Low Fuel Consumption and a Large Workload

The HIOS III hydraulic system, which is an operator-friendly HIOS hydraulic system combined with efficient hydraulic control, was selected. It includes an hydraulic boosting system and an enhanced boom recirculation system to increase operating speed and reduce fuel consumption.

14% Reduction in Fuel Consumption

New ZAXIS is a fuel-thrifty excavator that can reduce fuel consumption by 14%, compared to the conventional ZX200-3.

More Fuel Reduction in the ECO Mode

The ECO mode, a new economical mode, can further cut fuel consumption by 10% compared to the PWR mode.

Rapid Arm Roll-in

Arm roll-in speed increases by combined flow from arm and boom cylinders through regenerative valves for productive excavation.

Fast Arm Speed During Boom Lowering

Arm speed increases by boom weight during boom lowering, without needing pressure oil from a pump. That is, arm circuit flow is increased for higher arm speed, allowing for quick loading of a dump truck and positioning of the front.



Powerful Operation

The Power Boost mode allows the operator to surge 10% more digging force for powerful excavation by pressing its button on the control lever. It can obtain the big digging force when the power is needed.

Easy-to-Use Attachments

The operator can change over valves, adjust extra circuit flow, and check settings from the multifunctional monitor next to the operator seat. What's more, 11 types, including flow rate setting, can easily be selected by their identified names.



Enter attachment name

High Quality and Durability



New More Reliable and Durable Engine

The new engine, which is designed for use in harsh operating environment, is highly durable thanks to a fundamental review of the fuel and cooling systems. It also includes a new auto-idle stop mechanism to reduce fuel consumption and CO₂ emissions.



Durable Design

Large size efficiency cooling system keeps engine cool, helps machine hard works. In addition, the expansion tank is adopted in the cooling system. So, the air in the coolant circuit can always be discharged and display the cooling performance of the machine fully.





Prestige R&D and Quality Control



Mid-sized excavator assembly line



Main frame welding line



Computer-Aided Engineering



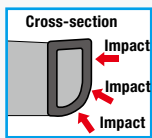
Main pump testing area



Simulation testing from operator seat

We have earned praise for technological prowess and product performance around the world. R&D Division has a track record – including excellent design, stress analysis expertise using CAE system, and abundant production data base. What's more, a large-scale durability test field allows for a series of stringent testing of new machines. Production Division strives to automatize production processes, including robotic welding, machining, painting, assembling and transferring.

The upperstructure frame is reinforced with the D-section skirt to increase rigidity against damage by obstacles.



D-section skirt

The X-beam frame is made monolithically with fewer welds for higher rigidity and durability.



X-beam frame

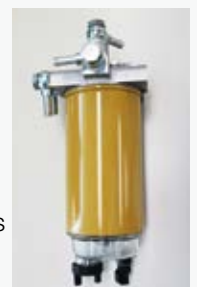
Front idlers and adjuster cylinders are integrated to increase durability. Idler brackets and travel motor brackets are both thickened for added durability.

The boom top and foot are reinforced with thickened high-tensile steel brackets, which incorporate steel bushings to enhance durability.

The arm-bucket joint is protected by WC thermal spraying on its contact surfaces to reduce wear and jolt. The HN bushings, utilized on joint pins, retain grease inside for longer greasing intervals.

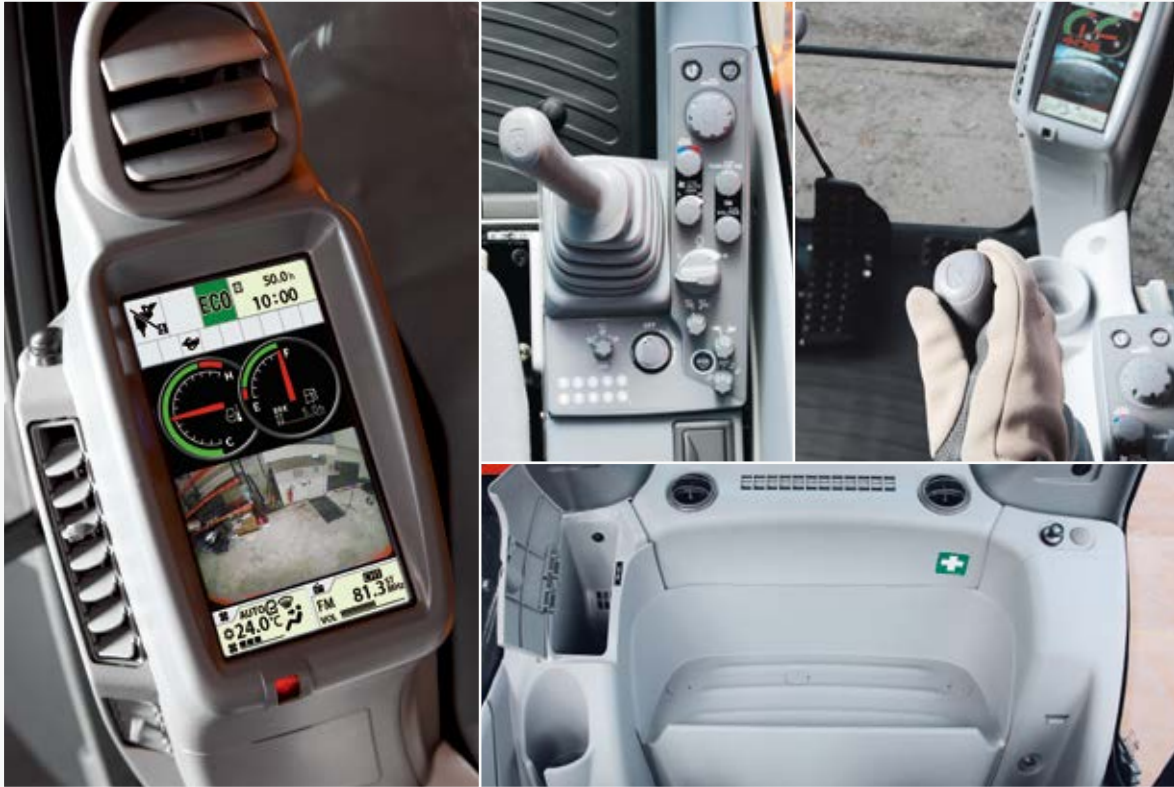
Improved Engine Start-up Performance in Cold Weather

When the ambient temperature is low, waxing light oil components will clog the fuel pre-filter. The recirculation filter prevents this by recirculating hot fuel from the engine.



Recirculation filter

No Compromise on Operator Comfort



Comfortable Operating Environment

You'll feel comfortable and confident, with plenty of leg space and excellent visibility when operating in the cab. The new compact console gives more leg space. The new door pillar is shifted rearward by 70 mm to widen an entry space for easy access. A new LED room light, interlocked with the door, turns on when the door opens. The front window is easily removed and stored overhead using slide rails. The overhead window is openable for ventilation. Ample air conditioner vents are located strategically for uniform air circulation inside the cab. The control panel and control levers are arranged within easy reach of the operator. AM/FM radio and AUX port (optional) for a mobile music player are available for a long work day with less fatigue. All these designs focus on operator comfort.

Comfort-Designed Operator Seat

The luxury cloth seat is fitted with a headrest and arm rests for operator comfort. The seat can be adjusted in multiple ways, sliding and reclining, to suit operator's size and preferences. The seat can slide rearward by 40 mm more for added leg space. An air suspension seat with a heat pad is optional.

Robust Cab

The robust cab, meeting the OPG (Top Guard Level 1), protects the operator from falling objects. The Roll-over Protective structure (ROPS) is designed to unlikely event of machine tipping or rolling over (Optional). The pilot control shut-off lever is provided with a neutral engine start system that permits engine starting only when the pilot control shut-off lever is in Lock position.





New, Easy-to-Use Multifunction Monitor

The new multi-language, multifunction monitoring system comprises a 7-inch high-resolution color monitor and a multifunction controller. The monitor allows the operator to check varying operating variables: hydraulic oil temperature, fuel level, work mode, full-auto air conditioner, AM/FM radio, rear view monitor camera, maintenance support, and attachment flow adjustment. Menu items can be selected and adjusted by a multifunction controller on the control panel. A new rear view monitor camera always displays the view behind the machine.



Simplified Maintenance



Dust-Proof Indoor Net

A dust-proof indoor net, provided at the front of radiator, can be easily removed and cleaned with compressed air. At the rear of the radiator, air blowing can be done through a one-touch open cover. The air condenser is openable for easy cleaning at its rear.



Grouped Remote Inspection Points

Service points are concentrated inside left and right covers that are readily accessible from ground level for convenient servicing and inspection, including water draining from the fuel tank, and replacement of filters.



Bottom Cover for Fuel Tank Cleaning

The fuel tank is equipped with a bottom cover, allowing for easy cleaning of the inside of the tank.

Low Life Cycle Costs

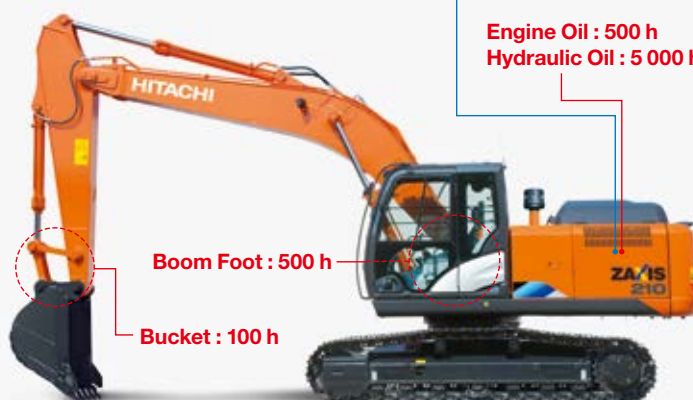
Service intervals are long enough to slash maintenance costs.

Engine Oil Filter : 500 h
Hydraulic Oil Filter : 1 000 h
Fuel Filter : 1 000 h
Fuel Pre-Filter : 1 000 h

Engine Oil : 500 h
Hydraulic Oil : 5 000 h

Lubricant

Consumables



Boom Foot : 500 h

Bucket : 100 h

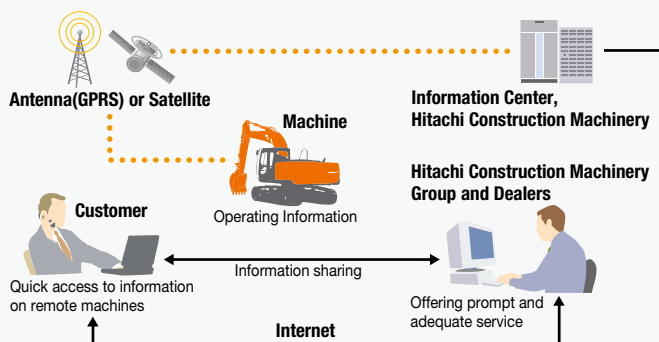
Support Chain

Support Chain is a full customer support system offered from Hitachi Construction Machinery.

Remote Fleet Management with Global e-Service

Easy Access to On-Site Machines through the Internet

This on-line fleet management system allows you to access each on-site machine from a PC in your office. You can get its operating information and location to increase productivity of the fleet and reduce downtime. Operating data and log are sent to a Hitachi Construction Machinery server for processing, and then to customer and dealers around the world. This system is available 24 hours a day, all the year around.



Note: In Some Regions, Global e-Service Is Not Available by Local Regulations.

Main Features of Global e-Service

Functions

Global e-Service provides easy access to a machine on site, conveying operating information and log, including daily operating hours, fuel level, temperatures, pressures, and likes.

Maintenance

Maintenance data and log are displayed on a easy-to-read monitor screen, suggesting recommended maintenance for efficient fleet management.



Parts and Service

Hitachi Construction Machinery's full customer support is available every area on the globe for full customer satisfaction through authorized dealers.

Parts

Hitachi Construction Machinery's Global Online Network, a parts supply system, is linked with Japan Parts Center, overseas depots and over 150 dealers abroad to deliver on-line parts information, including in-stock parts, order receptions, shipments and delivery period of over one million parts and components.

Genuine Parts

Genuine parts, meeting stringent quality standards, are guaranteed according to Hitachi Construction Machinery's warranty standards. The use of genuine parts, including engine, fuel, hydraulic oil and filters, may slash running costs, and extend machine life.

Ground Engaging Tools (GETs)

Hitachi Construction Machinery provides an array of

Ground Engaging Tools developed and built for a variety of applications. Using high-quality, well-maintained GETs will help you get customers' trust.

Note: Some dealers do not handle GETs.

Remanufactured Components

Hitachi Construction Machinery's components are remanufactured according to the stringent remanufacturing standards at factories around the world. They have high quality equivalent to new ones, and backed up by Hitachi Construction Machinery's warranty system.

Note: Some dealers do not handle Remanufactured Components.

Service

Extended Warranty — HELP

Hitachi Construction Machinery's Standard Warranty System is available on all new ZAXIS excavators and ZW wheel



loaders. In addition, We offer Extended Life Programs (HELPS) to suit customer expectations – protecting machines under tough operating conditions, avoiding unexpected downtime, and reducing repair costs.

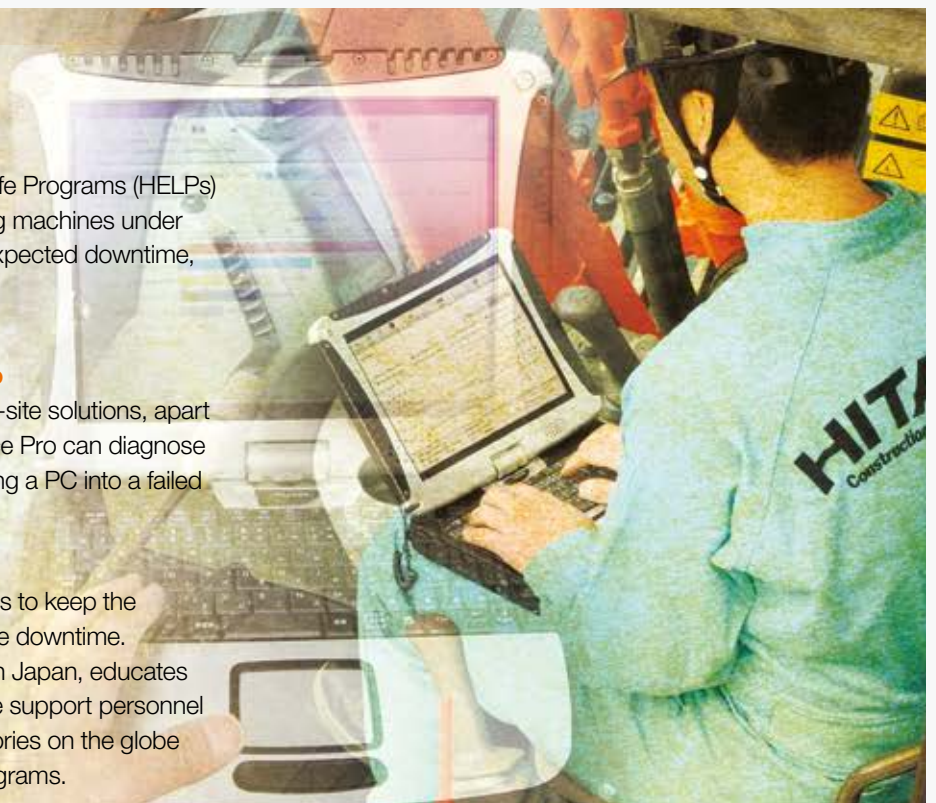
Note: Warranty conditions vary by equipment.

Diagnostic Tools — Maintenance Pro

Electronic control system needs quick on-site solutions, apart from mechanical repairs. The Maintenance Pro can diagnose machine failures in a short time by plugging a PC into a failed machine.

Technical Training

On-site servicing matters despite locations to keep the machine at peak performance and reduce downtime. Technical Training Center (TTC), located in Japan, educates and trains service technicians and service support personnel coming from authorized dealers and factories on the globe according to the international training programs.



ConSite

ConSite is an automatic Data Report Service that sends a monthly e-mail summarising the information from Global e-Service for each of your ZAXIS excavators and ZW wheel loaders.

Available in more than 30 languages, ConSite includes a detailed analysis of the operational data, ratios and hours. This Monthly Report is also stored on the Owner's Site for ease of reference.



A remote fleet monitoring system to improve overall performance

ConSite

Our ConSite Data Report Service sends you a monthly e-mail to summarise the information available on Global e-Service for each of your machines. It includes a detailed analysis of operational data, ratios and hours, so you can see how productive and efficient your machines have been in the past month. All the information from the report is stored in the Owner's Site as well, for easy reference.

Further into the ConSite Report, you'll see non-operation and swing efficiency ratings and ratios. These compare the machine's performance against the same model class from all Hitachi construction machinery owners in your region.

The monthly and total number of hours are divided for front, swing, travel and attachment operations. This will help you to determine the actual usage of your machine and maintenance planning.

The monthly analysis of these variables is compared to the total lifetime of the machine in a user-friendly chart. A line graph shows the actual and projected number of hours, which helps you to manage maintenance requirements.

ConSite can also help you in the unlikely event of a fault. It will send you and your authorised dealer an Emergency Alarm Report, so you can both respond quickly in order to minimise unscheduled downtime.

We created ConSite to improve your business operations, and enable you to analyze the productivity and efficiency of your equipment. The information it provides on machine usage is intended to help you with maintenance planning and also promotes proactive support from your dealer. Ultimately, it provides you with confidence in your ZAXIS excavators, ZW wheel loaders, and peace of mind to focus on other areas of your business.

Owner's Site

You can find out all you need to know about your fleet of Hitachi construction machinery in the field from the comfort of your home or office, thanks to Owner's Site. This online management tool, available at www.globaleservice.com, is user-friendly and offers extensive and detailed information on your ZAXIS excavators and ZW wheel loaders. The data is displayed in a flexible layout, so you can create machine groups per job site or select relevant information, depending on your requirements. As every project is different, you can customize the Owner's Site Dashboard to view data quickly and easily.



Scan this code for our
ConSite function explanation
& case study video



Key Features

- | | |
|---|---|
| ■ Check each of your machines from your office – 24/7 | ■ See maintenance status and items due for renewal on each of your machines |
| ■ Have a remote insight into fuel consumption | ■ Receive e-mail notifications for any machine alerts, unexpected movements and so on |
| ■ Check the current and previous locations and movements of your machine(s) | |

ENGINE

Model	Isuzu GH-4HK1X
Type	4-cycle water-cooled, direct injection
Aspiration	Turbocharged, intercooled
No. of cylinders	4
Rated power	
ISO 9249, net	113 kW (152 HP) at 2 000 min ⁻¹
SAE J1349, net	113 kW (152 HP) at 2 000 min ⁻¹
Maximum torque	638 Nm (65 kgfm) at 1 500 min ⁻¹
Piston displacement ..	5.193 L
Bore and stroke	115 mm x 125 mm
Batteries	2 x 12 V

HYDRAULIC SYSTEM

Hydraulic Pumps

Main pumps	2 variable displacement axial piston pumps
Maximum oil flow ..	2 x 212 L/min
Pilot pump	1 gear pump
Maximum oil flow ..	30.2 L/min

Hydraulic Motors

Travel	2 variable displacement axial piston motors
Swing	1 axial piston motor

Relief Valve Settings

Implement circuit	34.3 MPa (350 kgf/cm ²)
Swing circuit	32.3 MPa (330 kgf/cm ²)
Travel circuit	34.3 MPa (350 kgf/cm ²)
Pilot circuit	3.9 MPa (40 kgf/cm ²)
Power boost	38.0 MPa (387 kgf/cm ²)

Hydraulic Cylinders

	Quantity
Boom	2
Arm	1
Bucket	1

UPPERSTRUCTURE

Revolving Frame

D-section frame skirt for resistance to deformation.

Swing Device

Axial piston motor with planetary reduction gear is bathed in oil. Swing circle is single-row. Swing parking brake is spring-set/hydraulic-released disc type.

Swing speed	13.5 min ⁻¹
Swing torque	68 kNm (6 900 kgfm)

Operator's Cab

Independent spacious cab, 1 005 mm wide by 1 675 mm high, conforming to ISO* 10262 OPG Top Guard Level 1.

* International Organization for Standardization

UNDERCARRIAGE

Tracks

Heat-treated connecting pins with dirt seals. Hydraulic (grease) track adjusters with shock-absorbing recoil springs.

Numbers of Rollers and Shoes on Each Side

Upper rollers	2
Lower rollers	8
Track shoes	49
Track guard	2

Travel Device

Each track driven by 2-speed axial piston motor. Parking brake is spring-set/hydraulic-released disc type. Automatic transmission system: High-Low.

Travel speeds	High : 0 to 5.5 km/h Low : 0 to 3.5 km/h
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Maximum traction force ..	203 kN (20 700 kgf)
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Gradeability	70% (35 degree) continuous
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SERVICE REFILL CAPACITIES

Fuel tank	400 L
Engine coolant	31.0 L
Engine oil	23.0 L
Swing device	6.0 L
Travel device (each side)	6.8 L
Hydraulic system	240 L
Hydraulic oil tank	135 L

WEIGHTS AND GROUND PRESSURE

Operating weight and Ground pressure

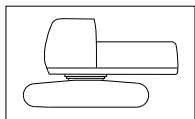
			ZX210LC-5A	
Shoe type	Shoe width	Arm length	kg	kPa (kgf/cm ²)
Triple grouser	600 mm	2.42 m	20 700	43 (0.44)
		2.91 m	20 800	43 (0.44)
	700 mm	2.42 m	21 100	37 (0.38)
		2.91 m	21 200	37 (0.38)

Including 1.1 m³ (ISO heaped) bucket weight (770 kg) and counterweight (4 250kg).

SPECIFICATIONS

WEIGHT: BASIC MACHINE and COMPONENTS

Basic Machine Weight and Overall width



Excluding front-end attachment, fuel, hydraulic oil, coolant, etc., and including counterweight.

ZX210LC-5A

Shoe width	Weight	Overall width
600 mm	16 800 kg	2 990 mm
700 mm	17 200 kg	3 090 mm

Component weights

	ZX210LC-5A
Counterweight	4 250 kg
Boom (with boom and arm cylinder)	2 100 kg
2.42 m arm (with bucket cylinder)	940 kg
2.91 m arm (with bucket cylinder)	900 kg
1.10 m ³ bucket	770 kg

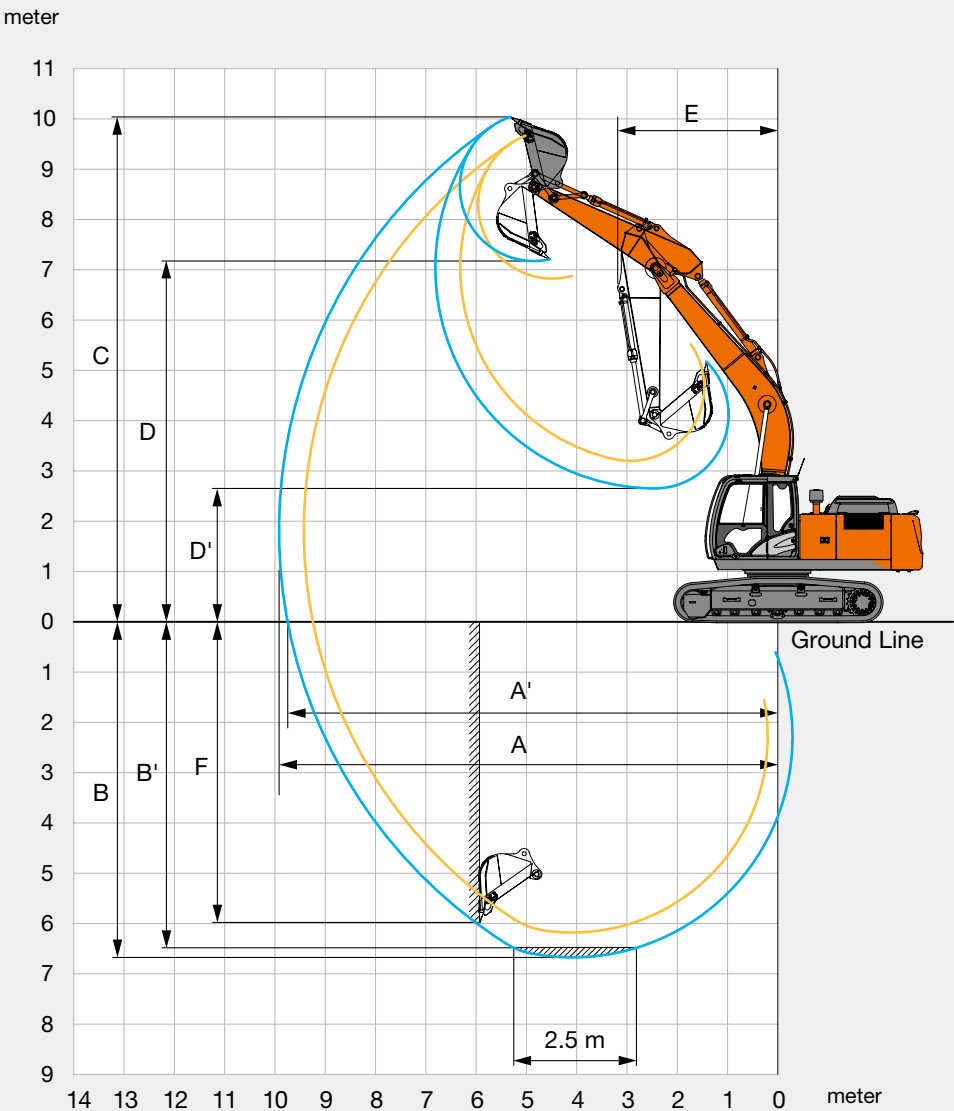
BUCKET AND ARM DIGGING FORCES

Arm length	2.42 m	2.91 m
Bucket digging force* ISO	158 kN (16 200 kgf)	158 kN (16 200 kgf)
Bucket digging force* SAE	141 kN (14 400 kgf)	141 kN (14 400 kgf)
Arm crowd force* ISO	140 kN (14 200 kgf)	114 kN (11 600 kgf)
Arm crowd force* SAE	133 kN (13 600 kgf)	110 kN (11 200 kgf)

* Calculated value at power boost

SPECIFICATIONS

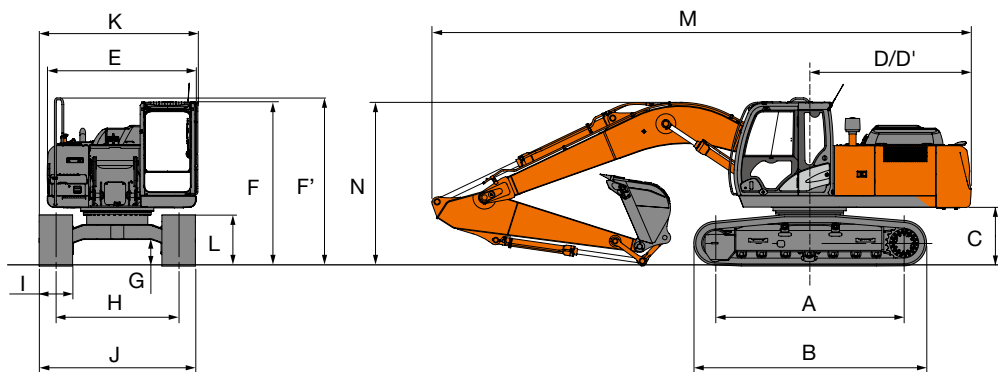
WORKING RANGES



Unit: mm

Arm length	2.42 m	2.91 m
A Max. digging reach	9 430	9 920
A' Max. digging reach (on ground)	9 250	9 750
B Max. digging depth	6 180	6 670
B' Max. digging depth for 2.5 m level	5 950	6 490
C Max. cutting height	9 670	10 040
D Max. dumping height	6 830	7 180
D' Min. dumping height	3 200	2 650
E Min. swing radius	3 280	3 180
F Max. vertical wall digging depth	5 300	5 990

DIMENSIONS



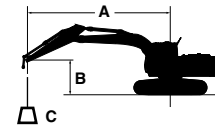
Unit: mm

	ZX210LC-5A
A Distance between tumblers	3 660
B Undercarriage length	4 470
C Counterweight clearance	1 030
D Rear-end swing radius	2 890
D' Rear-end length	2 890
E Overall width of upperstructure	2 710
F Overall height of cab	2 950
F' Overall height of upperstructure	3 010
G Min. ground clearance	450
H Track gauge	2 390
I Track shoe width	G 600
J Undercarriage width	2 990
K Overall width	2 990
L Track height with triple grouser shoes	920
M Overall length	
With 2.42 m arm	9 750
With 2.91 m arm	9 660
N Overall height of boom	
With 2.42 m arm	3 180
With 2.91 m arm	2 940

G: Triple grouser shoes

LIFTING CAPACITIES (Without Bucket)

- Notes: 1. Ratings are based on ISO 10567.
 2. Lifting capacity does not exceed 75% of tipping load with the machine on firm, level ground or 87% full hydraulic capacity.
 3. The load point is the center-line of the bucket pivot mounting pin on the arm.
 4. *Indicates load limited by hydraulic capacity.
 5. 0 m = Ground.



A: Load radius
 B: Load point height
 C: Lifting capacity

For lifting capacities, subtract bucket and quick hitch weight from lifting capacities without bucket.

ZX210LC-5A

Rating over-front Rating over-side or 360 degrees Unit : kg

Conditions	Load point height m	Load radius m										At max. reach		
		1.5		3.0		4.5		6.0		7.5				meter
Boom 5.68 m	6.0							*5 720	4 880			*5 750	4 020	6.74
Arm 2.42 m	4.5					*7 300	7 300	*6 200	4 730			4 960	3 350	7.48
Counterweight 4 250 kg	3.0					*9 170	6 760	6 800	4 510	4 850	3 260	4 510	3 030	7.87
Shoe 600 mm	1.5					10 170	6 330	6 570	4 300	4 750	3 160	4 360	2 910	7.95
	0 (Ground)					9 950	6 150	6 420	4 160	4 680	3 100	4 480	2 970	7.74
	-1.5			*9 880	*9 880	9 930	6 130	6 380	4 130			4 940	3 260	7.21
	-3.0			*13 180	11 840	*9 690	6 230	6 470	4 210			6 070	3 980	6.28
	-4.5					*6 840	6 520					*6 410	6 120	4.71
	-6.0													
Boom 5.68 m	6.0							*5 190	4 950			*4 010	3 550	7.32
Arm 2.91 m	4.5					*6 580	*6 580	*5 740	4 790	4 980	3 370	*3 950	3 020	8.01
Counterweight 4 250 kg	3.0					*8 490	6 900	*6 610	4 560	4 870	3 270	*4 060	2 760	8.37
Shoe 600 mm	1.5					*10 220	6 420	6 600	4 320	4 750	3 160	3 990	2 660	8.45
	0 (Ground)			*4 820	*4 820	9 980	6 160	6 420	4 160	4 660	3 080	4 080	2 700	8.25
	-1.5	*5 450	*5 450	*9 070	*9 070	9 890	6 090	6 340	4 090	4 630	3 050	4 430	2 930	7.76
	-3.0	*9 940	*9 940	*14 350	11 680	9 960	6 150	6 380	4 130			5 260	3 460	6.90
	-4.5			*11 210	*11 210	*8 080	6 350					*6 220	4 820	5.52
	-6.0													

[illegible]

EQUIPMENT

Standard and optional equipment may vary by country, so please consult authorized dealer for details.

● : Standard equipment

○ : Optional equipment

	ZX210LC-5A
ENGINE	
Air cleaner double filters	●
Alternator 50 A	●
Auto idle system	●
Auto shut-down control	●
Cartridge-type engine oil filter	●
Cartridge-type fuel main filter	●
Cartridge-type fuel pre-filter with water separator	●
Dry-type air filter with evacuator valve (with air filter restriction indicator)	●
Dust-proof indoor net	●
ECO/PWR mode control	●
Engine oil drain coupler	●
Engine warm-up device	●
Fan guard	●
Fuel cooler	●
Maintenance free pre-cleaner	○
Radiator expansion tank	●

HYDRAULIC SYSTEM	
Auto power lift	●
Control valve with main relief valve	●
Full-flow filter	●
High mesh full flow filter with restriction indicator	○
One extra port for control valve	●
Pilot filter	●
Power boost	●
Suction filter	●
Work mode selector	●

	ZX210LC-5A
CAB	
All-weather sound suppressed steel cab	●
AM-FM radio with 2 speaker	●
Ashtray	●
Auto control air conditioner	●
AUX. terminal and storage	○
Cab (Center pillar reinforced structure)	●
Cigarette lighter 24V	●
Drink holder	●
Drink holder with hot & cool	●
Electric double horn	●
Engine shut-off switch	●
Evacuation hammer	●
Floor mat	●
Footrest	●
Front window washer	●
Front windows on upper, lower and left side can be opened	●
Glove compartment	●
Hot & cool box	●
Intermittent windshield wipers	●
Key cylinder light	●
LED room light with door courtesy	●
OPG top guard Level I (ISO10262) compliant cab	●
Pilot control shut-off lever	●
Rain guard	○
Rear tray	●
Retractable seat belt	●
ROPS (ISO 12117-2) compliant cab	●
Rubber radio antenna	●
Seat : air suspension seat with heater	●
Seat : mechanical suspension seat	○
Seat adjustment part : backrest, armrest, height and angle, slide forward / back	●
Short wrist control levers (Bold type)	○
Short wrist control levers (Slim type)	●
Lower cab front guard	○
Upper cab front guard	○
4 fluid-filled elastic mounts	●
12V power source	●

	ZX210LC-5A
MONITOR SYSTEM	
Alarms: overheat, engine warning, engine oil pressure, alternator, minimum fuel level, hydraulic filter restriction, air filter restriction, work mode, overload, etc	●
Alarm buzzers: overheat, engine oil pressure, overload	●
Display of meters: water temperature, hour, fuel rate, clock	●
Other displays: work mode, auto-idle, glow, rearview monitor, operating conditions, etc	●
32 languages selection	●

LIGHTS	
Additional boom light with cover	○
Additional cab roof front lights	●
Rear light	○
2 working lights	●

UPPER STRUCTURE	
Batteries 2 x 12 V	●
Counterweight 3 850 kg	○
Counterweight 4 250 kg	●
Electric fuel refilling pump	○
Fuel level float	●
Hydraulic oil level gauge	●
Lockable fuel refilling cap	●
Lockable machine covers	●
Rear view camera	●
Rear view mirror (right & left side)	○
Swing parking brake	●
Tool box	●
Undercover	●
Undercover 6.0 mm reinforced	○
Utility space	●

	ZX210LC-5A
UNDERCARRIAGE	
Bolt-on sprocket	●
Reinforced lower flange	—
Reinforced idler bracket	—
Reinforced side step	—
Reinforced track links with pin seals	●
Shoe: 600 mm triple grouser	●
Shoe: 700 mm triple grouser	○
Track undercover 9.0 mm reinforced	—
Travel direction mark on track frame	●
Travel motor covers	●
Travel parking brake	●
Upper and lower rollers	●
2 track guards (each side)	●
4 tie down brackets	●

FRONT ATTACHMENTS	
Arm 2.42 m	○
Arm 2.91 m	●
Boom 5.68 m	●
Bucket 0.80 m³ (ISO heaped)	○
Bucket 1.10 m³ (ISO heaped)	●
Centralized lubrication system	●
Dirt seal on all bucket pins	●
Flanged pin	●
Reinforced link B	—
Reinforced resin thrust plate	●
WC (tungsten-carbide) thermal spraying	●

ATTACHMENTS	
Additional pump	○
Assist piping	○
Attachment basic piping	○
Breaker and crusher piping	○
Line filter	○
Parts for breaker and crusher	○
Pilot accumulator	○
2 pump combined flow for attachment basic piping	○

MISCELLANEOUS	
Global e-Service	●
Onboard information controller	●
Skid-resistant plates and handrails	●
Standard tool kit	●
Swing motion alarm device with lumps	○
Travel motion alarm device	○



Built on the foundation of superb technological capabilities, Hitachi Construction Machinery is committed to providing leading-edge solutions and services to contribute as a reliable partner to the business of customers worldwide.

Before using a machine with a satellite or tele-communication system, please make sure that the satellite or tele-communication system complies with local regulations, safety standards and legal requirements. If not so, please make modifications accordingly.

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These specifications are subject to change without notice.

Illustrations and photos show the standard models, and may or may not include optional equipment, accessories, and all standard equipment with some differences in color and features.

Before using, please read and understand the Operator's Manual for proper operation.