<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Engine Rated Power</strong></td>
<td>125 kW (168 HP)</td>
<td>125 kW (168 HP)</td>
<td>125 kW (168 HP)</td>
<td>125 kW (168 HP)</td>
<td>125 kW (168 HP)</td>
</tr>
<tr>
<td><strong>Bucket capacity (ISO Heaped)</strong></td>
<td>0.80 m³</td>
<td>0.80 m³</td>
<td>0.91 m³</td>
<td>0.91 m³</td>
<td>0.45 m³</td>
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<tr>
<td><strong>Operating Weight</strong></td>
<td>19 800 kg</td>
<td>20 400 kg</td>
<td>22 200 kg</td>
<td>22 400 kg</td>
<td>22 200 kg</td>
</tr>
</tbody>
</table>
A ZAXIS hallmark—industry-leading hydraulic technologies, and performance no other can beat. New ZAXIS provides reliable solutions: impressive fuel economy, swift front movements, and easy operation. You’ll also find Hitachi technological prowess and expertise, such as the optimized hydraulic system and engine.

New ZAXIS features the key benefits of high quality, low fuel consumption, and high durability, all of which serve to ensure low running costs. New ZAXIS, which is empowered by comprehensive evolution, will realize customers’ visions and dreams, and pioneer your colorful future.

Key Benefits for Low Running Costs
- 9% reduction in fuel consumption
- More fuel reduction in the ECO mode
- Swift front movements with HIOS III hydraulics
- Powerful lifting operation
- Boosted swing torque
- Enhanced power boost

More Production with Less Fuel
- Comfortable operating environment
- Comfort-designed operator seat
- Robust cab
- New, easy-to-use multifunctional monitor

No Compromise on Operator Comfort
- Prestige R&D and quality control
- Durable, reliable engine
- Rock-solid, durable front attachment
- Strengthened undercarriage
- Proven upperstructure

Pursuits of Performance and Durability
- Comfortable operating environment
- Comfort-designed operator seat
- Robust cab
- New, easy-to-use multifunctional monitor

Simplified Maintenance
- Dust-proof indoor net
- Grouped remote inspection points
- Attractive, robust body
- Low life cycle costs

Reliable Solutions, with Various Options
- Varied jobs, varied options
- Recommended options

Hitachi Support Chain
- Remote fleet management with Global e-Service
- Parts and service

Various Versions
- Forest version: F-series
- Super long front

<table>
<thead>
<tr>
<th>Model Code</th>
<th>ZX200-5G</th>
<th>ZX210LC-5G</th>
<th>ZX210F-5G</th>
<th>ZX210MF-5G</th>
<th>ZX210LS-5G</th>
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</thead>
<tbody>
<tr>
<td>Boom length</td>
<td>5.68 m</td>
<td>5.68 m</td>
<td>5.68 m</td>
<td>8.14 m</td>
<td>8.14 m</td>
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<td>2.01 m</td>
<td>2.01 m</td>
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<tr>
<td>Shoe width</td>
<td>900 mm</td>
<td>900 mm</td>
<td>900 mm</td>
<td>900 mm</td>
<td>900 mm</td>
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<tr>
<td>Ground pressure</td>
<td>44 kPa</td>
<td>42 kPa</td>
<td>37 kPa</td>
<td>36 kPa</td>
<td>36 kPa</td>
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<tr>
<td>Track length</td>
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<td>4.47 m</td>
<td>4.17 m</td>
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<td>4.17 m</td>
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<tr>
<td>Track gauge</td>
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<td>2.395 mm</td>
<td>2.395 mm</td>
<td>2.395 mm</td>
<td>2.395 mm</td>
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<tr>
<td>Min. ground clearance</td>
<td>450 mm</td>
<td>450 mm</td>
<td>450 mm</td>
<td>450 mm</td>
<td>450 mm</td>
</tr>
</tbody>
</table>

Note: The photos in this brochure show excavators with optional equipments such as rear view camera.

Model Code
- ZX200-5G
- ZX210LC-5G
- ZX210F-5G
- ZX210MF-5G
- ZX210LS-5G

Model Code
- Super Long Front

Model Code
- Forest Long Front

Model Code
- Forest Long Front

Model Code
- Forest Long Front
More Production with Less Fuel

9% Reduction in Fuel Consumption

New ZAXIS is a fuel-thrifty excavator that can reduce fuel consumption by 9%*, compared to the conventional ZX200-3/ZX200-3F family, thanks to the HIOS III hydraulic system and engine control system, thereby reducing CO2 emissions.

*5%, compared to the ZX200/ZX200-3G.

More Fuel Reduction in the ECO mode

The ECO mode, a new economical mode, can further cut fuel consumption by 9% compared to the PWR mode, without sacrificing digging speed by optimal matching of operations.

Swift Front Movements with HIOS* III Hydraulics
Operating speed increases with less fuel consumption thanks to the HIOS III hydraulic system, developed by industry-leading hydraulic technologies and a wealth of experience. Actuators work quickly by boom weight, without needing a regenerative circuit and pressure oil.*Human & Intelligent Operation System

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 Lifting Operation
The Auto Power Lift mode, which automatically surge lifting force by 10% when needed, allows for powerful lifting of buried concrete pipes or sheathing sheets.

Boosted Swing Torque
Allows for powerful wall cutting with the bucket, and smooth swing operation on slope.

Enhanced Power Boost
The Power Boost mode allows the operator to surge 10% more digging force for powerful excavation by pressing its button on the control lever.
Pursuits of Performance and Durability

Durable, Reliable Engine

This engine has a track record showing impressive durability at countless tough job sites around the world. The engine — associated with a rugged design, a direct fuel injection system and an elaborate governor — goes green, and complies with EU Stage II and US EPA Tier 2 emissions regulations.

The cooling system well keeps the engine cool. The engine cover has a wider air suction area, and radiators are arranged in parallel for efficient cooling. This parallel arrangement also facilitates their cleaning.

The ample-capacity intercooler and turbocharger help yield a whopping 125 kW (168 HP) output for higher production in shorter job schedule.

Rock-Solid, Durable Front Attachment

The boom top and foot are reinforced with thickened high-tensile steel brackets, which incorporate steel bushings to enhance durability. Arm cylinder and boom cylinders (rod extend ends) cushion shocks at stroke ends to cut noise and extend service life.

Joint pins at the front attachment are tightly fit to reduce jolt and sound. The arm-bucket joint is protected by WC thermal spraying on its contact surfaces to reduce wear and jolt. New-type HN bushings, utilized on joint pins, retain grease inside for longer greasing intervals. A reinforced resin thrust plate, mounted on the bucket pin, helps reduce wearing noise.

*Not provided forest machine and super long front

Strengthened Undercarriage

The X-beam frame is made monolithically with fewer welds for higher rigidity and durability. Track adjusters absorb impacts to crawlers. Front idlers and adjuster cylinders are integrated to increase durability. Idler brackets and travel motor brackets are both thickened for added durability.

Proven Upperstructure

The upperstructure frame is reinforced with the proven D-section skirt to increase rigidity against damage by obstacles. A large door catch is added to reduce shocks and jolts of the cab and upperstructure.

Electroplated for High Corrosion Protection

The cab and body are painted by electrodeposition coating (ED), which is immersion coating by electrolysis. This is especially effective at corrosion-prone areas, such as flat surfaces, edges and boxes, for high corrosion resistance. The refined ED process leaves no spatter marks, as occurs with spray paint, giving a smooth mark-free surface.

The Rugged Undercarriage Boasts Mobility

The new ZAXIS is fitted with wide 800 mm shoes to lower ground pressure greatly, achieving powerful travel on wetlands. (*Only forest machine and super long front*) The forest machine ZX210MF-5G has a larger ground clearance and wider track gauge to give space free from collision with stubs and other obstructions.
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 (optional), 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.

Comfortable Operating Environment

You’ll feel comfortable and confident, with plenty of leg space and excellent visibility when operating 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 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 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.

No Compromise on Operator Comfort
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.

Attractive, Robust Body
Side frame tops of the undercarriage are sloped to let muck slide away. Track adjuster greasing ports are repositioned for easier lubrication, and well protected from muck packing.

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, replenishment of coolant, and replacement of filters. The fuel tank is anti-corrosion coated on its inside, and has a large cleaning port at the bottom. These wise designs effectively keep fuel clean, and ease servicing. Handrails are provided at convenient locations for easy riding on the upperstructure. Plenty slip-resistant plates are located for safe maintenance.

Low Life Cycle Costs
Service intervals are long enough to slash maintenance costs.

Periodic inspection is required to check oil contamination and such.
Reliable Solutions, with Various Options

**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 jobs, including flow rate setting, can easily be selected by their identified names.

**Easy-to-Operate Breaker**
(Not equipped with super long front)

When using a breaker that requires frequent change of hydraulic oil and filters, an extra hour meter on the multifunctional monitor displays operating hours of the breaker, suggesting adequate replacement timing of oil and filters. The Breaker Alarm (optional) displays an alert mark on the monitor screen, and sounds when the breaker works continuously over one minute.

**Varied Jobs, Varied Options**

Lower cab front guard is provided for protection against debris during demolition and breaker operation. High-performance filters and in-line filters are available at tough job sites.

**Recommended Options**

- Breaker settings
- Breaker hour meter
- Attachment basic piping
- Rear view camera
- Additional cab roof front lights
- Electric fuel refilling pump
- Pre-Cleaner
- Front bucket
Hitachi Support Chain

Hitachi Support Chain is a full customer support system offered after buying a Hitachi machine.

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 server for processing, and then to customer and dealers around the world. This system is available 24 hours a day, all the year around.

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 full customer support is available every area on the globe for full customer satisfaction through Hitachi local dealers.

Parts

Hitachi 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 Hitachi Parts

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

Ground Engaging Tools (GETs)

Hitachi provides an array of Hitachi 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 Hitachi GETs.

Remanufactured Components

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

Note: Some dealers do not handle Hitachi Remanufactured Components.

Service

Extended Warranty — HELP
Hitachi Standard Warranty System is available on all new Hitachi machines. In addition, Hitachi offers Hitachi 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. Hitachi’s 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 Hitachi dealers and factories on the globe according to the international training programs.
Various Versions

**Reinforced Front Attachment**
- Robust fix grapple
- Reinforced forestry Arm
- 800 mm reinforced triple grouser shoes
- Reinforced idler bracket
- Reinforced track guards (3 on each side)
- Reinforced side step (bolted)

**Reinforced Forestry Boom**
- Durable, reliable engine

**ZAXIS 210F / ZAXIS 210MF**
- Thickened steel plates
- Add bulkheads
- Exclusive body guards
- Exclusive cab guards

**ZAXIS 210LC**
- Smooth front action in combind operations
- Lower ground pressure (Long crawler track, 800 mm triple grouser shoes)

Forest Machine

**Strengthened Front Attachment**

The photos above show machine images at work, which include machines other than ZAXIS 200 series.
SPECIFICATIONS

ENGINE

Model .................................... Isuzu CC-6BG1T
Type .................................... 4-cycle water-cooled, direct injection
Aspiration ........................... Turbocharged, intercooled
No. of cylinders ................. 6
Rated power
 ISO 9249, net ........... 125 kW (168 HP) at 2 100 min⁻¹ (rpm)
SAE J1349, net ........ 125 kW (168 HP) at 2 100 min⁻¹ (rpm)
Maximum torque ......... 637 Nm (65 kgfm) at 1 800 min⁻¹ (rpm)
Piston displacement .. 6.494 L
Bore and stroke .......... 105 mm x 125 mm
Batteries ...................... 2 x 12 V / 88 Ah

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 .... 33.6 L/min

Hydraulic Motors
Travel ....................... 2 variable displacement swash plate piston motors
Swing ....................... 1 swash plate piston motor

Relief Valve Settings
Implant circuit .......... 34.3 MPa (350 kgf/cm²)
Swing circuit ........ 34.3 MPa (350 kgf/cm²)
Travel circuit .......... 34.3 MPa (350 kgf/cm²)
Power boost .......... 38.0 MPa (388 kgf/cm²)

Hydraulic Cylinders
Quantity  | Bore  | Rod diameter
----------|-------|---------------
Boom  | 2  | 120 mm  | 85 mm
Arm  | 1  | 135 mm  | 90 mm / 100 mm
Racket | 1  | 135 mm  | 80 mm / 100 mm

UPPERSTRUCTURE

Revolving Frame
D-section frame skirt for resistance to deformation.

Swing Device
Swash plate 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 (rpm)
Swing torque .......... 68 kNm (6 900 kgf·m)

Operator’s Cab
Independent spacious cab, 1.05 mm wide by 1.675 mm high, conforming to ISO* Standards.
* International Organization for Standardization

UNDERCARRIAGE

Tracks
Haul 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 ........ 7 : ZQ200-SS/ZQ210F-SS/ZQ210F-SS
8 : ZQ100LC-SS
ZQ10LC-SS Type 15 Super Long Front
Track shoes .......... 46 : ZQ200-SS/ZQ210F-SS/ZQ210F-SS
49 : ZQ100LC-SS
ZQ10LC-SS Type 15 Super Long Front
Track guard .......... 1 : ZQ200-SS/ZQ210F-SS/ZQ210F-SS
ZQ10LC-SS Type 15 Super Long Front

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

Gradeability ............... 70% (35 degree) continuous

SERVICE REFILL CAPACITIES

Fuel tank .................. 400.0 L
Engine coolant .............. 23.0 L
Engine oil ........................ 25.0 L

WEIGHTS AND GROUND PRESSURE

Operating weight and Ground pressure

<table>
<thead>
<tr>
<th>Show type</th>
<th>Show width</th>
<th>Arm length</th>
<th>kg</th>
<th>kPa/kgf/cm²</th>
<th>kg</th>
<th>kPa/kgf/cm²</th>
</tr>
</thead>
<tbody>
<tr>
<td>Triple grousers</td>
<td>800 mm</td>
<td>2.91 m</td>
<td>19 800</td>
<td>44 (0.45)</td>
<td>20 400</td>
<td>42 (0.43)</td>
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<tr>
<td>700 mm</td>
<td>2.91 m</td>
<td>20 200</td>
<td>39 (0.40)</td>
<td>20 700</td>
<td>37 (0.38)</td>
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</tr>
<tr>
<td>800 mm</td>
<td>2.91 m</td>
<td>20 500</td>
<td>34 (0.35)</td>
<td>21 000</td>
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<tr>
<td>Triple grousers</td>
<td>800 mm</td>
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<td>22 200</td>
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<td>38 (0.38)</td>
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<tr>
<td>Reinforced triple grousers</td>
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<td>6.33 m</td>
<td>22 200</td>
<td>36 (0.37)</td>
<td>22 400</td>
<td>38 (0.38)</td>
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ZX210LC-SS Type 15 Super Long Front

<table>
<thead>
<tr>
<th>Show type</th>
<th>Show width</th>
<th>Arm length</th>
<th>kg</th>
<th>kPa/kgf/cm²</th>
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<tbody>
<tr>
<td>800 mm</td>
<td>2.91 m</td>
<td>20 500</td>
<td>34 (0.35)</td>
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<tr>
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<td>20 700</td>
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</tr>
<tr>
<td>800 mm</td>
<td>2.91 m</td>
<td>21 000</td>
<td>32 (0.33)</td>
<td>22 400</td>
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ZX210LC-5G Type 15 Super Long Front

<table>
<thead>
<tr>
<th>Shoe type</th>
<th>Show width</th>
<th>Arm length</th>
<th>kg</th>
<th>kPa/kgf/cm²</th>
</tr>
</thead>
<tbody>
<tr>
<td>800 mm</td>
<td>2.91 m</td>
<td>20 500</td>
<td>34 (0.35)</td>
<td>21 000</td>
</tr>
<tr>
<td>700 mm</td>
<td>2.91 m</td>
<td>20 700</td>
<td>37 (0.38)</td>
<td>22 400</td>
</tr>
<tr>
<td>800 mm</td>
<td>2.91 m</td>
<td>21 000</td>
<td>32 (0.33)</td>
<td>22 400</td>
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ZX210F-SS

<table>
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<th>Shoe type</th>
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<th>Arm length</th>
<th>kg</th>
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<tbody>
<tr>
<td>800 mm</td>
<td>2.91 m</td>
<td>20 500</td>
<td>34 (0.35)</td>
<td>21 000</td>
</tr>
<tr>
<td>700 mm</td>
<td>2.91 m</td>
<td>20 700</td>
<td>37 (0.38)</td>
<td>22 400</td>
</tr>
<tr>
<td>800 mm</td>
<td>2.91 m</td>
<td>21 000</td>
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ZX210MF-SS

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<tbody>
<tr>
<td>800 mm</td>
<td>6.33 m</td>
<td>22 200</td>
<td>37 (0.38)</td>
<td>22 400</td>
</tr>
<tr>
<td>700 mm</td>
<td>6.33 m</td>
<td>20 700</td>
<td>37 (0.38)</td>
<td>22 400</td>
</tr>
<tr>
<td>800 mm</td>
<td>6.33 m</td>
<td>21 000</td>
<td>32 (0.33)</td>
<td>22 400</td>
</tr>
</tbody>
</table>
### SPECIFICATIONS

#### WEIGHT: BASIC MACHINE and COMPONENTS

**Basic Machine Weight and Overall width**

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

<table>
<thead>
<tr>
<th>Component weights</th>
<th>ZX200-5G/ZX210LC-5G</th>
<th>ZX210F-5G/ZX210MF-5G</th>
<th>ZX210LC-5G Super long front</th>
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<tr>
<td>Shoe width</td>
<td>Weight</td>
<td>Overall width</td>
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<tr>
<td>600 mm</td>
<td>15 400 kg</td>
<td>2 860 mm</td>
<td></td>
</tr>
<tr>
<td>700 mm</td>
<td>15 800 kg</td>
<td>2 910 mm</td>
<td></td>
</tr>
<tr>
<td>800 mm</td>
<td>16 000 kg</td>
<td>3 000 mm</td>
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</table>

**Component weights**

<table>
<thead>
<tr>
<th>Component weights</th>
<th>ZX200-5G/ZX210LC-5G</th>
<th>ZX210F-5G/ZX210MF-5G</th>
<th>ZX210LC-5G Type 15 Super long front</th>
</tr>
</thead>
<tbody>
<tr>
<td>Counterweight</td>
<td>4 200 kg</td>
<td>4 200 kg</td>
<td>4 400 kg</td>
</tr>
<tr>
<td>Boom (with boom and arm cylinder)</td>
<td>2 180 kg</td>
<td>2 180 kg</td>
<td>—</td>
</tr>
<tr>
<td>2.91 m arm (with bucket cylinder)</td>
<td>920 kg</td>
<td>920 kg</td>
<td>—</td>
</tr>
<tr>
<td>Type 15 Super long front</td>
<td>—</td>
<td>—</td>
<td>4 080 kg</td>
</tr>
<tr>
<td>0.45 m³ bucket</td>
<td>—</td>
<td>—</td>
<td>320 kg</td>
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<tr>
<td>0.80 m³ bucket</td>
<td>—</td>
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</table>

**BUCKET AND ARM DIGGING FORCES**

<table>
<thead>
<tr>
<th>Arm length</th>
<th>2.91 m</th>
<th>Type 15 Super Long Front</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bucket digging force* ISO</td>
<td>158 kN (16 200 kgf)</td>
<td>84 kN (8 500 kgf)</td>
</tr>
<tr>
<td>Bucket digging force* SAE : PCSA</td>
<td>141 kN (14 400 kgf)</td>
<td>73 kN (7 400 kgf)</td>
</tr>
<tr>
<td>Arm crowd force* SAE : PCSA</td>
<td>114 kN (11 800 kgf)</td>
<td>47 kN (4 800 kgf)</td>
</tr>
<tr>
<td>Arm crowd force* SAE : PCSA</td>
<td>110 kN (11 200 kgf)</td>
<td>46 kN (4 700 kgf)</td>
</tr>
</tbody>
</table>

* At power boost

**BACKHOE ATTACHMENTS**

Boom and arms are of welded, box-section design. Bucket is of welded steel structure. Side clearance adjust mechanism provided on the bucket joint bracket.

**Buckets**

<table>
<thead>
<tr>
<th>Capacity</th>
<th>Width</th>
<th>No. Of Teeth</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISO heaped Without side cutters</td>
<td>With side cutters</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.45 m³</td>
<td>850 mm</td>
<td>4</td>
<td>320 kg</td>
</tr>
<tr>
<td>0.80 m³</td>
<td>1 030 mm</td>
<td>5</td>
<td>680 kg</td>
</tr>
<tr>
<td>0.91 m³</td>
<td>1 150 mm</td>
<td>5</td>
<td>690 kg</td>
</tr>
</tbody>
</table>

* Suitable for materials with density of 2 000 kg/m³ or less

**DIMENSIONS**

**WORKING RANGES**

<table>
<thead>
<tr>
<th>Arm length</th>
<th>2.91 m</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Max. digging reach</td>
</tr>
<tr>
<td>B</td>
<td>Max. digging depth</td>
</tr>
<tr>
<td>C</td>
<td>Max. cutting height</td>
</tr>
<tr>
<td>D</td>
<td>Max. dumping height</td>
</tr>
<tr>
<td>D’</td>
<td>Min. dumping height</td>
</tr>
<tr>
<td>E</td>
<td>Min. swing radius</td>
</tr>
<tr>
<td>F</td>
<td>Min. vertical wall digging depth</td>
</tr>
<tr>
<td>Excluding track shoe lug</td>
<td>—</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Unit: mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
</tr>
<tr>
<td>A’</td>
</tr>
<tr>
<td>B</td>
</tr>
<tr>
<td>B’</td>
</tr>
<tr>
<td>C</td>
</tr>
<tr>
<td>D</td>
</tr>
<tr>
<td>D’</td>
</tr>
<tr>
<td>E</td>
</tr>
<tr>
<td>F</td>
</tr>
<tr>
<td>Excluding track shoe lug</td>
</tr>
</tbody>
</table>

---

* Suitable for materials with density of 1 600 kg/m³ or less

---

**Note:**

- Suitable for materials with density of 1 800 kg/m³ or less
- Suitable for materials with density of 2 000 kg/m³ or less

---

**Recommended:**

- Suitable for materials with density of 1 600 kg/m³ or less
- Suitable for materials with density of 1 800 kg/m³ or less
- Suitable for materials with density of 2 000 kg/m³ or less

---

**ZX200-5G/ZX210LC-5G**
**SPECIFICATIONS**

**ZX210F-5G/ZX210MF-5G**

**WORKING RANGES**

<table>
<thead>
<tr>
<th>Dimension</th>
<th>ZX210F-5G</th>
<th>ZX210MF-5G</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arm length</td>
<td>2.91 m</td>
<td></td>
</tr>
<tr>
<td>A Max. Working height</td>
<td>10.21 m</td>
<td>10.38 m</td>
</tr>
<tr>
<td>B Max. Working depth</td>
<td>6.71 m</td>
<td>6.54 m</td>
</tr>
<tr>
<td>C Max. Working reach</td>
<td>9.96 m</td>
<td>9.96 m</td>
</tr>
</tbody>
</table>

Excluding track shoe lug

**DIMENSIONS**

| Dimension | ZX210F-5G | | ZX210MF-5G |
|-----------|-----------| |-----------|
| R Distance between tumbler | 3.040 m | | 3.040 m |
| B Undercarriage length | 8.040 m | | 8.040 m |
| C Counterweight clearance | 1.030 m | | 1.030 m |
| D Rear-end swing radius | 2.890 m | | 2.900 m |
| E Overall width of upperstructure | 3.190 m | | 3.190 m |
| D' Overall width | 3.190 m | | 3.190 m |
| F Overall height of cab | 2.790 m | | 2.790 m |
| F' Overall height of upperstructure | 3.700 m | | 3.700 m |
| G Min. ground clearance | 450 m | | 450 m |
| H Track gauge | 2.390 m | | 2.390 m |
| I Track shoe width | 0.840 m | | 0.840 m |
| J Undercarriage width | 3.190 m | | 3.190 m |
| K Overall width | 3.190 m | | 3.190 m |
| L Overall length | 12.210 m | | 12.210 m |
| M Overall height | 3.230 m | | 3.230 m |
| N Track height with triple grouser shoes | 920 m | | 920 m |

*Excluding track shoe lug

**DIGGING FORCES**

<table>
<thead>
<tr>
<th>Dimension</th>
<th>ZX210F-5G</th>
<th>ZX210MF-5G</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arm length</td>
<td>2.91 m</td>
<td></td>
</tr>
<tr>
<td>Bucket digging force* ISO</td>
<td>118 kN (16,200 kgf)</td>
<td>118 kN (16,200 kgf)</td>
</tr>
<tr>
<td>Arm digging force* ISO</td>
<td>114 kN (16,600 kgf)</td>
<td>114 kN (16,600 kgf)</td>
</tr>
</tbody>
</table>

*At power boost

**ZX210LC-5G Type 15 Super Long Front**

**WORKING RANGES**

<table>
<thead>
<tr>
<th>Dimension</th>
<th>ZX210LC-5G Type 15 Super Long Front</th>
</tr>
</thead>
<tbody>
<tr>
<td>A Max. digging reach</td>
<td>15.34 m</td>
</tr>
<tr>
<td>A' Max. digging reach on ground</td>
<td>15.23 m</td>
</tr>
<tr>
<td>B Max. digging depth</td>
<td>11.63 m</td>
</tr>
<tr>
<td>C Max. cutting height</td>
<td>14.11 m</td>
</tr>
<tr>
<td>D Max. dumping height</td>
<td>11.69 m</td>
</tr>
<tr>
<td>E Min. swing radius</td>
<td>4.23 m</td>
</tr>
<tr>
<td>F Min. dumping height</td>
<td>1.73 m</td>
</tr>
<tr>
<td>Bucket digging force ISO</td>
<td>84 kN (8,500 kgf)</td>
</tr>
<tr>
<td>Bucket digging force SAE/PCSA</td>
<td>73 kN (7,400 kgf)</td>
</tr>
<tr>
<td>Arm crowd force ISO</td>
<td>47 kN (4,800 kgf)</td>
</tr>
<tr>
<td>Arm crowd force SAE/PCSA</td>
<td>46 kN (4,700 kgf)</td>
</tr>
</tbody>
</table>

Excluding track shoe lug

**DIMENSIONS**

<table>
<thead>
<tr>
<th>Dimension</th>
<th>ZX210LC-5G Type 15 Super Long Front</th>
</tr>
</thead>
<tbody>
<tr>
<td>A Distance between tumbler</td>
<td>3.660 m</td>
</tr>
<tr>
<td>B Undercarriage length</td>
<td>4.660 m</td>
</tr>
<tr>
<td>C Counterweight clearance</td>
<td>1.030 m</td>
</tr>
<tr>
<td>D Rear-end swing radius</td>
<td>2.890 m</td>
</tr>
<tr>
<td>E Overall width of upperstructure</td>
<td>2.710 m</td>
</tr>
<tr>
<td>F Overall height of cab</td>
<td>2.850 m</td>
</tr>
<tr>
<td>F' Overall height of upperstructure</td>
<td>3.010 m</td>
</tr>
<tr>
<td>G Min. ground clearance</td>
<td>450 m</td>
</tr>
<tr>
<td>H Track gauge</td>
<td>2.390 m</td>
</tr>
<tr>
<td>I Track shoe width</td>
<td>0.840 m</td>
</tr>
<tr>
<td>J Undercarriage width</td>
<td>3.190 m</td>
</tr>
<tr>
<td>K Overall width</td>
<td>3.190 m</td>
</tr>
<tr>
<td>L Overall length</td>
<td>12.210 m</td>
</tr>
<tr>
<td>M Overall height</td>
<td>3.230 m</td>
</tr>
<tr>
<td>N Track height with triple grouser shoes</td>
<td>920 m</td>
</tr>
</tbody>
</table>

*Excluding track shoe lug
# LIFTING CAPACITIES (Without Bucket)

## ZX200-5G

<table>
<thead>
<tr>
<th>Conditions</th>
<th>Load point height (m)</th>
<th>1.5 m</th>
<th>3.0 m</th>
<th>4.5 m</th>
<th>6.0 m</th>
<th>6.75 m</th>
<th>At max. reach</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arm 5.85 m</td>
<td>4.5</td>
<td>16610</td>
<td>16610</td>
<td>15140</td>
<td>12110</td>
<td>9090</td>
<td>16130</td>
</tr>
<tr>
<td>Arm 2.21 m</td>
<td>3.0</td>
<td>15140</td>
<td>15140</td>
<td>13590</td>
<td>10440</td>
<td>7550</td>
<td>14380</td>
</tr>
<tr>
<td>Counterm. 4200 kg</td>
<td>1.5</td>
<td>13590</td>
<td>13590</td>
<td>12020</td>
<td>8820</td>
<td>5930</td>
<td>12060</td>
</tr>
<tr>
<td>Shoe 650 mm</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## ZX210LC-5G

<table>
<thead>
<tr>
<th>Conditions</th>
<th>Load point height (m)</th>
<th>1.5 m</th>
<th>3.0 m</th>
<th>4.5 m</th>
<th>6.0 m</th>
<th>6.75 m</th>
<th>At max. reach</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arm 5.85 m</td>
<td>4.5</td>
<td>16610</td>
<td>16610</td>
<td>15140</td>
<td>12110</td>
<td>9090</td>
<td>16130</td>
</tr>
<tr>
<td>Arm 2.21 m</td>
<td>3.0</td>
<td>15140</td>
<td>15140</td>
<td>13590</td>
<td>10440</td>
<td>7550</td>
<td>14380</td>
</tr>
<tr>
<td>Counterm. 5400 kg</td>
<td>1.5</td>
<td>13590</td>
<td>13590</td>
<td>12020</td>
<td>8820</td>
<td>5930</td>
<td>12060</td>
</tr>
<tr>
<td>Shoe 800 mm</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## 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% of hydraulic capacity.
3. The load point is the centerline of the bucket pivot mounting pin on the arm.
4. Indicates load limited by hydraulic capacity.
5. 0 m = Ground.

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

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

**ENGINE**
- Air cleaner double filters
- Auto idle system
- Cartridge-type engine oil filter
- Cartridge-type fuel pre-filter
- Cartridge-type fuel main filter
- Dry-type air filter with evacuator valve (with air filter restriction indicator)
- Dual Fuel indoor ref
- ECU/PMR mode control
- Engine warm-up device
- Fan guard
- Radiator reserve tank
- Water separator
- SO Alternator

**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

**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)
- Cab guard
- Drink holder
- Drink holder with hot & cool
- Electric double horn
- Engine shut-off lever
- Exhaust muffler
- Floor mat
- Footrest
- Front window wiper
- 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
- LED room light with door courtesy
- LED room light with door courtesy
- LED room light with door courtesy
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- LED room light with door courtesy
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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 use, read and understand the Operator’s Manual for proper operation.