HYDRAULIC EXCAVATOR

- **Model Code**: ZX200-3G / ZX200LC-3G / ZX210H-3G / ZX210LCH-3G / ZX210K-3G / ZX210LCK-3G
- **Engine Rated Power**: 110 kW (147 HP)
- **Operating Weight**:
  - ZX200-3G: 19 400 kg / ZX200LC-3G: 20 000 kg
  - ZX210H-3G: 20 600 kg / ZX210LCH-3G: 21 100 kg
  - ZX210K-3G: 21 400 kg / ZX210LCK-3G: 21 900 kg
- **Backhoe Bucket**:
  - SAE, PCSA Heaped: 0.51 - 1.20 m³
  - CECE Heaped: 0.45 - 1.00 m³
The Robust ZAXIS-3G Series.
The Dependable Partner on Tough Job Sites

The new ZAXIS-3G series comes with extra rugged and reliable features and uses the time-tested engine and hydraulic equipment. The result is more production with less downtime.

- **Boosted Production**
  - High (110 kW) output and fuel-efficient engine
  - Powerful (151 kN) bucket digging force
  - Strong (203 kN) traction force

- **Enhanced Reliability and Durability**
  - Time-tested Isuzu engine AA-6BG1T
  - Strengthened X-beam (with 35% more strength vs. conventional ZAXIS-1)  
    Strengthened upper rollers and idler brackets on a track

- **Comfortable Operator Environment**
  - CRES cab with higher safety and less vibration
  - Full-auto air conditioner

- **Reduced Maintenance Costs**
  - Conveniently located servicing points
  - Using long-life components helps extend servicing intervals

- **Emissions Control Engine**
  - Conforms to U.S. EPA Tier 2 and EU Stage II emission regulations

Notes: Machines pictured on this brochure are positioned for the sake of demonstration. Please take proper safety measures, i.e., resting the bucket on the ground when leaving the machine.
In Pursuit of Awesome Power and Production

By the best matching of powerful digging force and quick loading speed, the ZAXIS 200G yields high production.

High-Powered, Fuel-Efficient Engine

110 kW (147 HP)
With four suction/exhaust valves, central combustion chamber and large turbocharger with intercooler, the engine delivers big power. What’s more, the HIOS hydraulic system, designed for optimal hydraulic energy control responding to engine speed, saves fuel consumption.

151 kN (15 400 kgf)*
Maximum Bucket Digging Force

Quick Swing Speed

13.3 min⁻¹ (rpm)
Quick swing speed allows for efficient loading onto a dump truck.

Maximum Traction Force

203 kN (20 700 kgf)
Strong traction force allows for easy steering on rough terrains and powerful slope climbing.

Hydraulic Pressure Control

The auto power lift automatically boosts hydraulic pressure as needed – when the load exceeds the specified level during boom raising – to achieve efficient loading.

What’s more, the arm regenerative system works when the arm is retracted during swinging for next excavation, thus increasing arm retracting speed. These mechanisms enable efficient dumping on dump trucks.

109 kN (11 100 kgf)*
Maximum Arm Crowd Force

Big digging power is available for powerful excavation through the high-powered engine and HIOS hydraulic system. In short, the effective use of big engine output and optimal hydraulic pressure is made for high production.

*At power boost

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Power Mode Selector

The three power modes are selectable according to job needs for optimum control of engine speed and hydraulic pressure.

H/P (High Power) Mode
Select the H/P mode to increase engine speed and engine output, especially when more power is needed during arm retracting in deep excavation.

P (Power) Mode
Select the P mode for general excavation.

E (Economy) Mode
Select the E mode to save fuel by decreasing engine speed, while maintaining digging force in the P mode.

Engine Speed Control

The auto acceleration (A/A) mode can automatically control engine speed according to control lever stroke to reduce fuel consumption greatly in light-duty operations, such as grading and finishing.

Furthermore, in the auto acceleration mode, the auto idle (A/I) decreases engine speed to save fuel consumption, when waiting a dump truck to arrive, with the control lever in neutral.

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Robust Construction with High Reliability

The front attachment and undercarriage are strengthened for heavy-duty excavation. The time-tested engine helps get the job done on tough job sites.

Isuzu AA-6BG1T Engine

This engine, already mounted on numerous construction equipment, has proven ruggedness and reliability in tough operations. The mechanical governor reduces downtime caused by contaminants in dusty environments.

Strengthened Undercarriage

The undercarriage is strengthened for smooth travel on rugged sites, enhancing long-term reliability and durability.

- Improved Idler Brackets
- Both the idler bracket reinforcing plate and track link disengagement preventive plate are thickened to prevent the opening of the idler bracket and increase the durability of track links and rollers.

- Enhanced Front Attachment Durability

The durability of the front attachment is enhanced, using reliable boom, arm, flat bottom bucket and HN bushings.

- WC Thermal Spraying
- At the arm-bucket joint, its bore contact surfaces are hardened with WC (Tungsten Carbide) thermal spraying for higher wear resistance.

- HN Bushings
- The HN bushings, made of high-tensile sintered metal (treated by carburized quenching), can retain more grease for better lubrication and higher durability.

- Reinforced Resin Thrust Plates
- Provided at front joints to help reduce jerking and noise.

- 0.80 m Flat Bottom Bucket
- The flat bottom bucket is designed to protect welds with a wear plate for smoother grading and longer service life.

Strengthened X-Beam

The X-beam is strengthened by reshaping and enlarging the box-section structure up to 35% (vs. conventional ZAXIS-1). Top and bottom monolithic plates are curved for higher strength, reducing the number of welding points.

Strengthened Shoes

The shoes are thickened to increase strength by 10% (vs. conventional ZAXIS-1).
Relentless about Operator Comfort

Functionality and amenities are there in the ZAXIS 200G cab, reducing operator’s burden and fatigue. Work comfortable.

The comfort-designed cloth-covered seat is fitted with a headrest and armrests. The seat can be finely reclined and slid to suit each operator build for comfortable positioning. This allows long-hour operation with less fatigue.

The monitor panel is positioned for easy reading by the operator. The coolant temperature gauge and fuel gauge each have orange-colored needles and dials to let the operator monitor at a glance.

The LCD display, centered at the panel, indicates an hour meter and trip meter. With the work mode switch, the Excavation and Attachment modes can be selected. When the mode is switched, the hydraulic pressure control is also switched for smooth operation.

The switch panel is also laid out for easy control with high reliability.

The cab, resting on the silicone-filled rubber cushions, absorbs shocks and vibration, and reduces in-cab noise.

CRES Cab

The CRES cab (with OPG* top guard level I) is reinforced with a central rigid close-section pillar, and reinforcing members. The rear frame is thickened to increase strength and rigidity.

The OPG* cab (with OPG* top guard level II) is optionally available for quarry sites to protect the operator from falling objects.

Full-Auto Air Conditioner

A full-auto large-capacity air conditioner of fresh air introduction type is designed for automatic control of air flow and outlets to keep cab temperature at the preset level.

Bi-level air conditioning for both overhead and footspace can be selected.

Numerous Accessories for the Comfort

- Improved right downward visibility
- Drink holder with hot & cool function
- Hot & cool box
- One-touch front window lock
- Large overhead window
- Emergency evacuation hammer
- AM/FM radio
- Seat belt

*Operator Protective Guards
HITACHI only offers genuine high quality parts. We guarantee that these parts have high performance and long life. We manage around 1 000 000 types of parts all around the world. They are designed and built to be the best match for your HITACHI equipment. HITACHI has a global parts distribution network that makes sure you get what you need as quickly as possible. We have more than 150 dealers worldwide who provide the closest support for your needs.

Over the years, we have gained experience in one of the most competitive service markets in the world - Japan. Using our know-how in dealing directly with customers, we have created a worldwide support system that is highly capable.

In most cases, your dealer will have the replacement part that you require. If a dealer does not have a certain part, he can order it from four fully stocked parts depots located across the world. These distribution centres are all connected by an on-line system that gives them access to shared information on stocks, such as the number and type of available parts.

The depots, which in turn are stocked by a parts center in Japan, minimize delivery time and enable you to get your parts as efficiently and quickly as possible.

Our goal is to “keep customer equipment at a maximum performance level”. To fulfill this goal, we have set more than 150 dealers all over the world. They have highly trained technicians, and provide a number of support programs.

HITACHI provides a unique extended warranty program called HITACHI Extended Life Program, or HELP.

To minimize downtime during troubleshooting, we developed a FDA based diagnostic system called “Dr.ZX”. To keep our customers’ equipment in top running shape, good service is indispensable. We believe personnel training is the key to providing the best service.

If you would like more information regarding parts and/or service, please ask your nearest HITACHI dealer. Not all programs and/or services are available in every market or region.
Specific Versions for Tough Operations

**Heavy-Duty Excavation/Quarry Version (ZAXIS 210HG / ZAXIS 210LCHG)**
- 0.80 m³ H-reinforced bucket
- 5.68 m K-boom (for heavy-duty excavation)
- 2.91 m K-arm

**Demolition Version (ZAXIS 210K) - ZAXIS 210LCXG)**
- 0.80 m³ re-inforced bucket with lateral-type wear plates
- 5.68 m K-boom with piping port
- 2.91 m K-arm

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**SPECIFICATIONS**

**ENGINE**
- Model: Isuzu AA-6BGT
- Type: 4-cylinder water-cooled, direct injection
- Aspiration: Turbocharged, intercooled
- No. of cylinders: 6
- Rated power: ISO 9049, net: 110 kW (147 HP) at 2 100 min⁻¹ rpm
- SAE J1349, net: 108 kW (145 HP) at 2 100 min⁻¹ rpm
- Maximum torque: 550 Nm (56 kgf m) at 1 600 min⁻¹ rpm
- Piston displacement: 6.493 L
- Bore and stroke: 105 mm x 125 mm
- Batteries: 2 x 12 V / 96 Ah

**HYDRAULIC SYSTEM**
- Work mode selector
- Digging mode / Attachment mode
- Engine speed sensing system
- Main pumps: 2 variable displacement axial piston pumps
- Maximum oil flow: 2 x 194 L/min
- Pilot pumps: 1 gear pump
- Maximum oil flow: 32 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/cm²)
- Swing circuit: 30.4 MPa (310 kgf/cm²)
- Travel circuit: 34.3 MPa (350 kgf/cm²)
- Pilot circuit: 3.9 MPa (40 kgf/cm²)
- Power boost: 36.3 MPa (370 kgf/cm²)

**Hydraulic Cylinders**
- High-strength piston rods and tubes
- Cylinder cushion mechanisms provided in boom and arm cylinders to absorb shock at stroke ends.

**Dimensions**
- **Boom**
  - Quantity: 2
  - Stroke: 120 mm
  - Rod diameter: 80 mm
- **Arm**
  - Quantity: 1
  - Stroke: 135 mm
  - Rod diameter: 90 mm
- **Bucket**
  - Quantity: 1
  - Stroke: 115 mm
  - Rod diameter: 80 mm
- **R-Bucket**
  - Quantity: 1
  - Stroke: 125 mm
  - Rod diameter: 85 mm

**Hydraulic Filters**
- Hydraulic circuits use high-quality hydraulic filters
- A suction filter is incorporated in the suction line, and full-flow filters in the return line and swing / travel motor drain lines.

**CONTROLS**
- Pilot controls, Hitachi’s original shockless valve
- Implement levers: 2
- Travel levers with pedals: 2
- Attachment pedals: 2
- (Demolition version: ZX210K)

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**UPPERSTRUCTURE**

**Revolving Frame**
- Welded sturdy box construction, using heavy-gauge steel plates for ruggedness. D-section frame for resistance to deformation.

**Swing Device**
- Axial piston motor with planetary reduction gear is bathed in oil. Swing circle is single row, shear type ball bearing with induction-hardened internal gear. Internal gear and pinion gear are immersed in lubricant. Swing parking brake is spring-set/hydraulic-released disc type.
- Swing speed: (rpm)
  - Low: 0 to 3.3
- Swing torque: 61 kNm (6.220 kgf m)

**Operator’s Cab**
- Independent spacious cab, 1.055 mm wide by 1.675 mm high, conforming to ISO Standards. Reinforced glass windows on 4 sides for visibility. Front windows (upper and lower) can be opened. Rearfitted seat with armrests; adjustable with or without control levers.

**UNDERCARRIAGE**

**Tracks**

**Numbers of Rollers and Shoes on Each Side**
- Upper rollers: 7
- Lower rollers: 8
- Track shoes: 46
- Track guard: 1

**Travel Device**
- Each track driven by 2-speed axial piston motor through planetary reduction gear for counterclockwise of the tracks. Sprockets are replaceable.
- Parking brake is spring-set/hydraulic-released disc type. Travel shockless relief valve built in travel motor absorbs shocks when stopping travel. Automatic transmission system: High-Low.
- Travel speeds: 60 km/h
- Maximum traction force: 203 kN (20 700 kgf)
- Gradiability: 70 % (35 degree) continuous
### SPECIFICATIONS

#### WEIGHS AND GROUND PRESSURE

<table>
<thead>
<tr>
<th>Shoe type</th>
<th>Shoe width</th>
<th>Operating weight</th>
<th>Ground pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>ZX200-3G</td>
<td>600 mm</td>
<td>19 400 kg</td>
<td>36 kPa (0.50 kgf/cm²)</td>
</tr>
<tr>
<td></td>
<td>700 mm</td>
<td>19 800 kg</td>
<td>39 kPa (0.53 kgf/cm²)</td>
</tr>
<tr>
<td>Triple grouser</td>
<td>800 mm</td>
<td>20 150 kg</td>
<td>33 kPa (0.49 kgf/cm²)</td>
</tr>
<tr>
<td>Triangular</td>
<td>900 mm</td>
<td>21 500 kg</td>
<td>31 kPa (0.47 kgf/cm²)</td>
</tr>
<tr>
<td>Flat</td>
<td>600 mm</td>
<td>20 300 kg</td>
<td>35 kPa (0.46 kgf/cm²)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Shoe type</th>
<th>Shoe width</th>
<th>Operating weight</th>
<th>Ground pressure</th>
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</thead>
<tbody>
<tr>
<td>ZX200LC-3G</td>
<td>600 mm</td>
<td>20 050 kg</td>
<td>36 kPa (0.50 kgf/cm²)</td>
</tr>
<tr>
<td></td>
<td>700 mm</td>
<td>20 450 kg</td>
<td>39 kPa (0.53 kgf/cm²)</td>
</tr>
<tr>
<td>Triple grouser</td>
<td>800 mm</td>
<td>20 750 kg</td>
<td>32 kPa (0.47 kgf/cm²)</td>
</tr>
<tr>
<td>Triangular</td>
<td>900 mm</td>
<td>22 250 kg</td>
<td>30 kPa (0.45 kgf/cm²)</td>
</tr>
<tr>
<td>Flat</td>
<td>600 mm</td>
<td>20 900 kg</td>
<td>43 kPa (0.54 kgf/cm²)</td>
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</table>

<table>
<thead>
<tr>
<th>Shoe type</th>
<th>Shoe width</th>
<th>Operating weight</th>
<th>Ground pressure</th>
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</thead>
<tbody>
<tr>
<td>ZX210K-3G</td>
<td>600 mm</td>
<td>21 400 kg</td>
<td>48 kPa (0.69 kgf/cm²)</td>
</tr>
<tr>
<td>Reinforced</td>
<td>700 mm</td>
<td>21 600 kg</td>
<td>41 kPa (0.56 kgf/cm²)</td>
</tr>
<tr>
<td>Triple grouser</td>
<td>800 mm</td>
<td>21 900 kg</td>
<td>37 kPa (0.52 kgf/cm²)</td>
</tr>
<tr>
<td>Flat</td>
<td>600 mm</td>
<td>22 200 kg</td>
<td>33 kPa (0.49 kgf/cm²)</td>
</tr>
</tbody>
</table>

<table>
<thead>
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<th>Ground pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>ZX210LCK-3G</td>
<td>600 mm</td>
<td>21 900 kg</td>
<td>45 kPa (0.67 kgf/cm²)</td>
</tr>
<tr>
<td>Reinforced</td>
<td>700 mm</td>
<td>22 100 kg</td>
<td>39 kPa (0.54 kgf/cm²)</td>
</tr>
<tr>
<td>Triple grouser</td>
<td>800 mm</td>
<td>22 500 kg</td>
<td>31 kPa (0.46 kgf/cm²)</td>
</tr>
<tr>
<td>Flat</td>
<td>600 mm</td>
<td>22 600 kg</td>
<td>47 kPa (0.69 kgf/cm²)</td>
</tr>
</tbody>
</table>

#### SERVICE REFILL CAPACITIES

- **Fuel tank**
  - 380.0 L
- **Engine coolant**
  - 23.0 L
- **Engine oil**
  - 25.0 L
- **Swing device**
  - 6.2 L
- **Travel device (each side)**
  - 6.8 L
- **Hydraulic system**
  - 240.0 L
- **Hydraulic oil tank**
  - 135.0 L

### WORKING RANGES

#### Dimensions

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>ZX200-3G</th>
<th>ZX200LC-3G</th>
<th>ZX210H-3G</th>
<th>ZX210LCH-3G</th>
<th>ZX210K-3G</th>
<th>ZX210LCH-3G</th>
</tr>
</thead>
<tbody>
<tr>
<td>A Distance between fenders</td>
<td>3 710</td>
<td>3 660</td>
<td>3 710</td>
<td>3 660</td>
<td>3 710</td>
<td>3 660</td>
</tr>
<tr>
<td>B Overall length</td>
<td>14 110</td>
<td>14 410</td>
<td>14 110</td>
<td>14 410</td>
<td>14 110</td>
<td>14 410</td>
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<tr>
<td>C Counterweight clearance</td>
<td>1 040</td>
<td>1 040</td>
<td>1 040</td>
<td>1 040</td>
<td>1 040</td>
<td>1 040</td>
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<tr>
<td>D Pallet and swing radius</td>
<td>2 750</td>
<td>2 750</td>
<td>2 750</td>
<td>2 750</td>
<td>2 750</td>
<td>2 750</td>
</tr>
<tr>
<td>E Overall width of upper structure</td>
<td>2 710</td>
<td>2 710</td>
<td>2 710</td>
<td>2 710</td>
<td>2 710</td>
<td>2 710</td>
</tr>
<tr>
<td>F Overall height of cab</td>
<td>2 960</td>
<td>2 960</td>
<td>2 960</td>
<td>2 960</td>
<td>2 960</td>
<td>2 960</td>
</tr>
<tr>
<td>G Min height of ground clearance</td>
<td>400</td>
<td>400</td>
<td>400</td>
<td>400</td>
<td>400</td>
<td>400</td>
</tr>
<tr>
<td>H Track gauge</td>
<td>2 200</td>
<td>2 990</td>
<td>2 200</td>
<td>2 990</td>
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<td>2 990</td>
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<tr>
<td>I Track shoe width</td>
<td>0 600</td>
<td>0 600</td>
<td>0 600</td>
<td>0 600</td>
<td>0 600</td>
<td>0 600</td>
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<tr>
<td>J Undercarriage width</td>
<td>2 900</td>
<td>2 900</td>
<td>2 900</td>
<td>2 900</td>
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<td>2 900</td>
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<tr>
<td>K Overall width</td>
<td>2 990</td>
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<td>2 990</td>
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<tr>
<td>L Overall length</td>
<td>9 550</td>
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<tr>
<td>With 2 100 m arm</td>
<td>9 550</td>
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<td>9 550</td>
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<tr>
<td>M Overall height of boom</td>
<td>3 130</td>
<td>3 130</td>
<td>3 130</td>
<td>3 130</td>
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<tr>
<td>With 2 100 m arm</td>
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<td>3 130</td>
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<tr>
<td>N Track height with triple grouser shoes</td>
<td>920</td>
<td>920</td>
<td>920</td>
<td>920</td>
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<td>920</td>
</tr>
</tbody>
</table>

* Excluding track shoe lug

**G** Triple grouser shoe

#### Working ranges

<table>
<thead>
<tr>
<th>Arm length</th>
<th>ZX200-3G</th>
<th>ZX200LC-3G</th>
<th>ZX210H-3G</th>
<th>ZX210LCH-3G</th>
<th>ZX210K-3G</th>
<th>ZX210LCH-3G</th>
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</thead>
<tbody>
<tr>
<td>A Max digging reach</td>
<td>9 910</td>
<td>9 910</td>
<td>9 910</td>
<td>9 910</td>
<td>9 910</td>
<td>9 910</td>
</tr>
<tr>
<td>B Max digging depth (arm length)</td>
<td>9 750</td>
<td>9 750</td>
<td>9 750</td>
<td>9 750</td>
<td>9 750</td>
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<tr>
<td>C Max digging depth (2m width)</td>
<td>6 660</td>
<td>6 660</td>
<td>6 660</td>
<td>6 660</td>
<td>6 660</td>
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<tr>
<td>D Max digging depth (arm length)</td>
<td>6 400</td>
<td>6 400</td>
<td>6 400</td>
<td>6 400</td>
<td>6 400</td>
<td>6 400</td>
</tr>
<tr>
<td>E Min swing radius</td>
<td>3 540</td>
<td>3 540</td>
<td>3 540</td>
<td>3 540</td>
<td>3 540</td>
<td>3 540</td>
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<tr>
<td>F Max vertical wall</td>
<td>6 040</td>
<td>6 040</td>
<td>6 040</td>
<td>6 040</td>
<td>6 040</td>
<td>6 040</td>
</tr>
<tr>
<td>G Min swing radius</td>
<td>7 780</td>
<td>7 780</td>
<td>7 780</td>
<td>7 780</td>
<td>7 780</td>
<td>7 780</td>
</tr>
<tr>
<td>Bucket digging force</td>
<td>151 kN (1 500 kgf)</td>
<td>151 kN (1 500 kgf)</td>
<td>151 kN (1 500 kgf)</td>
<td>151 kN (1 500 kgf)</td>
<td>151 kN (1 500 kgf)</td>
<td>151 kN (1 500 kgf)</td>
</tr>
<tr>
<td>Bucket digging force (max)</td>
<td>151 kN (1 500 kgf)</td>
<td>151 kN (1 500 kgf)</td>
<td>151 kN (1 500 kgf)</td>
<td>151 kN (1 500 kgf)</td>
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<td>151 kN (1 500 kgf)</td>
</tr>
</tbody>
</table>

* Excluding track shoe lug

**A** At power boost
## SPECIFICATIONS

### BACKHOE ATTACHMENTS

Boom and arms are of welded, box-section design. 5.68 m boom, and 2.22 m and 2.91 m arms are available. Buckets are 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>SAE: PCOSA heaped</td>
<td>CECE heaped</td>
<td>Without side cutters</td>
<td>With side cutters</td>
</tr>
<tr>
<td>0.51 m</td>
<td>0.45 m</td>
<td>1.720 mm</td>
<td>830 mm</td>
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<tr>
<td>0.60 m</td>
<td>0.52 m</td>
<td>1.100 mm</td>
<td>1.140 mm</td>
</tr>
<tr>
<td>0.80 m</td>
<td>0.56 m</td>
<td>1.150 mm</td>
<td>1.260 mm</td>
</tr>
<tr>
<td>1.10 m</td>
<td>0.56 m</td>
<td>1.330 mm</td>
<td>1.440 mm</td>
</tr>
<tr>
<td>1.20 m</td>
<td>1.00 m</td>
<td>1.460 mm</td>
<td>1.460 mm</td>
</tr>
<tr>
<td>1.80 m</td>
<td>0.70 m</td>
<td>1.040 mm</td>
<td>1.150 mm</td>
</tr>
<tr>
<td>2.00 m</td>
<td>0.70 m</td>
<td>1.040 mm</td>
<td>1.150 mm</td>
</tr>
</tbody>
</table>

### LIFTING CAPACITIES

**ZX200-SC**

- **Z020** heaped, **Z020LSC** heaped, **Z020H** heaped, **Z020K** heaped

<table>
<thead>
<tr>
<th>Condition</th>
<th>Load point height</th>
<th>Load radius 2.0 m</th>
<th>3.0 m</th>
<th>4.0 m</th>
<th>5.0 m</th>
<th>6.0 m</th>
<th>7.0 m</th>
<th>8.0 m</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.0 m</td>
<td>0.0 m</td>
<td>0.0 m</td>
<td>0.0 m</td>
<td>0.0 m</td>
<td>0.0 m</td>
<td>0.0 m</td>
<td>0.0 m</td>
<td>0.0 m</td>
</tr>
<tr>
<td>-3G</td>
<td>-3G</td>
<td>-3G</td>
<td>-3G</td>
<td>-3G</td>
<td>-3G</td>
<td>-3G</td>
<td>-3G</td>
<td>-3G</td>
</tr>
<tr>
<td>7.0 m</td>
<td>7.0 m</td>
<td>7.0 m</td>
<td>7.0 m</td>
<td>7.0 m</td>
<td>7.0 m</td>
<td>7.0 m</td>
<td>7.0 m</td>
<td>7.0 m</td>
</tr>
<tr>
<td>2.0 m</td>
<td>2.0 m</td>
<td>2.0 m</td>
<td>2.0 m</td>
<td>2.0 m</td>
<td>2.0 m</td>
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<td>2.0 m</td>
<td>2.0 m</td>
</tr>
<tr>
<td>5.0 m</td>
<td>5.0 m</td>
<td>5.0 m</td>
<td>5.0 m</td>
<td>5.0 m</td>
<td>5.0 m</td>
<td>5.0 m</td>
<td>5.0 m</td>
<td>5.0 m</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ZX200LSC-SC</th>
<th>Load radius 2.0 m</th>
<th>3.0 m</th>
<th>4.0 m</th>
<th>5.0 m</th>
<th>6.0 m</th>
<th>7.0 m</th>
<th>8.0 m</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.0 m</td>
<td>0.0 m</td>
<td>0.0 m</td>
<td>0.0 m</td>
<td>0.0 m</td>
<td>0.0 m</td>
<td>0.0 m</td>
<td>0.0 m</td>
</tr>
<tr>
<td>-3G</td>
<td>-3G</td>
<td>-3G</td>
<td>-3G</td>
<td>-3G</td>
<td>-3G</td>
<td>-3G</td>
<td>-3G</td>
</tr>
<tr>
<td>7.0 m</td>
<td>7.0 m</td>
<td>7.0 m</td>
<td>7.0 m</td>
<td>7.0 m</td>
<td>7.0 m</td>
<td>7.0 m</td>
<td>7.0 m</td>
</tr>
<tr>
<td>2.0 m</td>
<td>2.0 m</td>
<td>2.0 m</td>
<td>2.0 m</td>
<td>2.0 m</td>
<td>2.0 m</td>
<td>2.0 m</td>
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</tr>
<tr>
<td>5.0 m</td>
<td>5.0 m</td>
<td>5.0 m</td>
<td>5.0 m</td>
<td>5.0 m</td>
<td>5.0 m</td>
<td>5.0 m</td>
<td>5.0 m</td>
</tr>
</tbody>
</table>

Notes:
1. Ratings are based on SAE J039.
2. Lifting capacity of the ZXAXIS Series does not exceed 75% of tipping load with the machine on firm, level ground or 87% full hydraulic capacity.
3. The load point is a hook (not standard equipment) located on the back of the bucket.
4. Indicated load limited by hydraulic capacity.
5. 0.0 m: Ground.
**LIFTING CAPACITIES**

<table>
<thead>
<tr>
<th>Lifting over side or 360 degrees</th>
<th>Lifting over front</th>
<th>Unit: 1,000 kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>ZX210H-3G</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Conditions</td>
<td>Load point height</td>
<td>At max. reach</td>
</tr>
<tr>
<td>Load radius</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2.0 m</td>
<td>3.0 m</td>
<td>4.0 m</td>
</tr>
<tr>
<td>H-Bucket</td>
<td>0.80 m</td>
<td>1.76 m</td>
</tr>
<tr>
<td>K-Arm</td>
<td>2.91 m</td>
<td>1.76 m</td>
</tr>
<tr>
<td>H-Arm</td>
<td>5.68 m</td>
<td>1.76 m</td>
</tr>
<tr>
<td>Shoe</td>
<td>600 mm</td>
<td>1.76 m</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ZX210LC-3G</td>
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</tr>
<tr>
<td>Conditions</td>
<td>Load point height</td>
<td>At max. reach</td>
</tr>
<tr>
<td>Load radius</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2.0 m</td>
<td>3.0 m</td>
<td>4.0 m</td>
</tr>
<tr>
<td>H-Bucket</td>
<td>0.80 m</td>
<td>1.76 m</td>
</tr>
<tr>
<td>K-Arm</td>
<td>2.91 m</td>
<td>1.76 m</td>
</tr>
<tr>
<td>H-Arm</td>
<td>5.68 m</td>
<td>1.76 m</td>
</tr>
<tr>
<td>Shoe</td>
<td>600 mm</td>
<td>1.76 m</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ZX210K-3G</td>
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</tr>
<tr>
<td>Conditions</td>
<td>Load point height</td>
<td>At max. reach</td>
</tr>
<tr>
<td>Load radius</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2.0 m</td>
<td>3.0 m</td>
<td>4.0 m</td>
</tr>
<tr>
<td>K-Bucket</td>
<td>0.80 m</td>
<td>1.76 m</td>
</tr>
<tr>
<td>K-Arm</td>
<td>2.91 m</td>
<td>1.76 m</td>
</tr>
<tr>
<td>K-Boom</td>
<td>5.68 m</td>
<td>1.76 m</td>
</tr>
<tr>
<td>Shoe</td>
<td>600 mm</td>
<td>1.76 m</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**STANDARD EQUIPMENT**

- Engine type: 4 cylinders, air cooled, liquid cooled
- Engine capacity: 124 kW
- Fuel system: Fuel injection system
- ECU: Electronic control unit
- Ignition system: Electronic ignition
- Starter: Electric starter
- Transmission: Stepless variable transmission
- Cooling system: Water-cooled
- Brakes: Hydraulic brakes
- Traction: 4-wheel drive
- Drive system: 4-wheel drive
- Tread: 5.0 m
- Track: 2.5 m
- Weight: 15.0 t

**MONITOR SYSTEM**

- Engine hours meter
- Speedometer
- Tachometer
- Oil pressure gauge
- Water temperature gauge
- Fuel gauge
- Battery voltage gauge

**LIGHTS**

- Headlamps
- Fog lamps
- Directional indicators
- Taillamps
- Back-up lamps

**STANDARD EQUIPMENT**

- Point of control: Engine control
- Chandlery system: Full-flow filter
- Engine oil cooling system: Radiator and oil cooler
- Air conditioning system: Auto control air conditioner
- Electrical system: 50 A alternator
- Engine control: E mode control
- Speed control: Engine speed sensing system
- Control system: Power boost
- Parking brake: Swing parking brake
- Steering: Power steering
- Starting device: Engine start knob

**OPTIONAL EQUIPMENT**

- Suspension seat
- Electric fuel refilling pump
- Additional pump
- 12 V power source
- Pre-cleaner
- Fuel double filters
- Tropical cover
- Front screen of air condenser
- Additional light (on the top of the cab)
- Rear light
- Track undercover
- Assist piping

**EQUIPMENT**

- **ENGINE**
  - 4-cylinder engine
  - ECU electronic control unit
  - Electronic fuel injection system
  - Electric starter
  - Automatic transmission
  - Water-cooled system
  - Hydraulic brakes
  - 4-wheel drive system
  - Tread: 5.0 m
  - Track: 2.5 m
  - Weight: 15.0 t

- **CAB**
  - SAE/PCSA heaped: K-boom 5.68 m and K-arm 2.91 m
  - 0.80 m thickness undercover
  - Damage prevention plate
  - Attachment basic piping
  - Reinforced link B for demolition
  - Reinforced bucket (CRES cab with overhead window and guard)
  - 600 mm thickness under foot

- **UNDERCARRIAGE**
  - Traction system: 4-wheel drive
  - Drive system: 4-wheel drive
  - Tread: 5.0 m
  - Track: 2.5 m
  - Weight: 15.0 t

- **MONITOR SYSTEM**
  - Engine hours meter
  - Speedometer
  - Tachometer
  - Oil pressure gauge
  - Water temperature gauge
  - Fuel gauge
  - Battery voltage gauge

- **LIGHTS**
  - Headlamps
  - Fog lamps
  - Directional indicators
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  - Assist piping
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.