TELESCOPIC ARM (ROPE TYPE)

21 meter

Model Code: ZX210LC-6
Engine Rated Power: 128.4 kW (ISO 14396)
Operating Weight: 27,600 kg
ZX210LC-6 CTA.
NO COMPROMISE

Hitachi designs and builds its special application models in-house. They incorporate the same industry-leading technology as standard Hitachi excavators, but do not compromise on user-friendly operation.

The Zaxis-6 range of excavators with telescopic arm are the optimum solution for complex below-ground construction projects. The smallest model in the range, the ZX210LC-6, is ideal for working in confined spaces. Capable of excavating to depths of 21 metres, it offers high levels of productivity, a powerful performance and exceptional versatility.
DEMAND
PERFECTION

Manufactured to meet the challenging requirements of underground projects in Europe, the ZX210LC-6 excavator with telescopic arm has been developed to perfection. In response to customer requests, it includes various options for enhanced safety and versatility, and has been enhanced with a newly designed clamshell bucket.

An easy to operate, safe and cost-effective machine for below-ground excavation, the ZX210LC-6 CTA is built to the same high standards of durability, performance and efficiency as all Hitachi construction equipment.

**Improved safety**
Optional LED light and zoom camera enhance visibility.

**Ultimate durability**
Reinforced clamshell bucket and cylinder protection prevent damage.

**Exceptional flexibility**
Optional standard arm and detachable counterweight offer greater versatility.
Enhanced productivity
Short cycle time due to exclusively designed hydraulic circuit and pressure setting.

Excellent visibility
Sliding cab and floor window provides a clear view for operators.

High quality
Only the best design elements and materials.
The telescopic arm extends and retracts smoothly with a full load.

The sliding cab enhances visibility and safety.
EXCEPTIONAL PRODUCTIVITY

Hitachi Zaxis-6 CTA excavators have been designed to increase productivity on complex below-ground excavation projects. The ZX210LC-6 CTA removes soil quickly and easily from a maximum depth of 21 metres and loads trucks efficiently so the material can be transported off site. In comparison with traditional methods, such as using cranes, skips and conveyor belts, it is not only more efficient, but also safer and more cost-effective.

Smooth and safe operation
The telescopic arm of the ZX210LC-6 uses a technologically advanced combination of rope and hydraulic cylinders. It has been designed to extend and retract smoothly in seconds. For enhanced safety the twin rope system ensures that, in the unlikely event that one rope should break, the other will hold the telescopic arm firmly in place.

Exceptional visibility
The cab of the ZX210LC-6 CTA is positioned 960mm further forward than on a standard model. It can also slide a further 1,300mm to provide the operator with a better view of the digging area below. This not only enhances visibility, but also safety on the job site.
It has proved to be a cost-effective and user-friendly solution

Aurélien Bois, SGC Earthmoving Works Engineer

POWERFUL PERFORMANCE

The Hitachi ZX210LC-6 with telescopic arm is ideal for working on busy urban job sites, due to its compact size, quiet operation and exceptional visibility from the cab. It delivers a powerful performance to ensure complex underground construction projects are completed safely and efficiently.

Superior visibility
Thanks to a large polycarbonate window in the floor of the sliding cab, the operator has an excellent view of the site below. This enables the operator to work safely and precisely, ensuring a high level of performance.

Comfortable operation
Optional LED working lights are located at the front of the sliding cab to illuminate the area below ground. These give the operator an optimum view of the job site, and enables a comfortable and safe operation. The lights are adjustable and two settings can be used at the same time: low beam and high beam.

Safety at work
In response to customer feedback, the ZX210LC-6 is available with an optional zoom camera that is installed at the end of the arm. This enhances the visibility of the operator and contributes to a safe working environment. Using the monitor screen in the cab, the operator can easily adjust the view angle, and zoom in and out of the image.

Optional zoom camera enhances visibility.
Optional LED lights highlight the working area for operators.

A window in the floor of the cab gives a better view of the site below.
ULTIMATE VERSATILITY

Powerful, fast and stable, the Hitachi Zaxis-6 excavator with telescopic arm is simply built for the job of below-ground excavation. However, Hitachi recognises the need for versatile construction equipment and offers an optional standard arm and additional counterweight for the ZX210LC-6 CTA. This makes it easily adjustable for light excavation tasks if required.

Enhanced flexibility
To meet the needs of customers requiring greater versatility from their equipment, the ZX210LC-6 telescopic arm model can be used as a standard machine with a few simple adjustments. By changing the counterweight, boom and arm, it can also be used for light excavation projects.

Warning lights and safety alarms
The safe performance of the Zaxis-6 excavator with telescopic arm is aided by the use of warning lights and safety alarms. For instance, if either of the two ropes were to break suddenly or extend too far, an indication light would alert the operator immediately. In addition, a warning buzzer will alert the operator if too much pressure is applied once the clamshell bucket has reached the ground and is excavating the material.

Hose rupture valve
The telescopic arm is also equipped with a hose rupture valve, which, in the unlikely event of a damaged cylinder, will prevent any other impact on the machine or the environment.

It is powerful and easy to manoeuvre

Nir Nissim, operator, Dror Balulu
The detachable counterweight enhances the machine’s versatility.

- Increased work opportunity
- Easy switchover
- Save total fleet cost
**SPECIFICATIONS**

**ZX210LC**

### ENGINE
- **Model**: Isuzu AR-4HK1X
- **Type**: 4-cycle water-cooled, common rail direct injection
- **Aspiration**: Variable geometry turbocharged, intercooled, cooled EGR
- **Aftertreatment**: DOC and SCR system
- **No. of cylinders**: 4
- **Rated power**
  - **ISO 14396**: 128.4 kW at 2 000 min⁻¹
  - **ISO 9249, net**: 122 kW at 2 000 min⁻¹
  - **SAE J1349, net**: 122 kW at 2 000 min⁻¹
- **Maximum torque**: 670 Nm at 1 600 min⁻¹
- **Piston displacement**: 5.193 L
- **Bore and stroke**: 115 mm x 125 mm
- **Batteries**: 2 x 12 V / 126 Ah

### HYDRAULIC SYSTEM
- **Hydraulic pumps**
  - **Main pumps**: 3 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 axial piston motors
  - **Swing**: 1 axial piston motor
- **Relief Valve Settings**
  - **Implement circuit**: 34.3 MPa
  - **Swing circuit**: 32.4 MPa
  - **Travel circuit**: 35.5 MPa
  - **Pilot circuit**: 3.9 MPa
  - **Power boost**: 38.0 MPa
- **Hydraulic Cylinders**
  - High-strength piston rods and tubes. Cylinder cushion mechanisms provided in boom and arm cylinders to absorb shock at stroke ends.
- **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**: 2
  - **Telescopic arm control pedal**: 1

### UPPERSTRUCTURE
- **Revolving Frame**
  - 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. Swing parking brake is spring-set/hydraulic-released disc type.
  - **Swing speed**: 11.8 min⁻¹ (rpm)
  - **Swing torque**: 68 kNm
- **Operator’s Cab**
  - Independent spacious cab, 1 005 mm wide by 1 675 mm high, conforming to ISO* Standards.
  - *International Organization for Standardization*

### UNDERCARRIAGE
- **Tracks**
- **Numbers of Rollers and Shoes on Each Side**
  - **Upper rollers**: 2
  - **Lower rollers**: 8
  - **Track shoes**: 49
  - **Track guards**: 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
  - **Maximum traction force**: 203 kN
  - **Gradeability**: 26 % (15 degree) continuous

### WEIGHTS AND GROUND PRESSURE
- **Equipped with type S-TC200R-8 and 0.80 m³ clamshell bucket (ISO heaped)**
- **Shoe type**
  - **Shoe width**: 600 mm
  - **Operating weight**: 27 600 kg
  - **Ground pressure**: 58 kPa

### SOUND LEVEL
- **Sound level in cab according to ISO 6396**
  - LpA 69 dB(A)
- **External sound level according to ISO 6395 and EU Directive 2000/14/EC**
  - Lwa 101 dB(A): ZAXIS210LC

### SERVICE REFILL CAPACITIES
- **Fuel tank**: 400.0 L
- **Engine coolant**: 28.0 L
- **Engine oil**: 23.0 L
- **Swing device**: 6.2 L
- **Travel device (each side)**: 6.8 L
- **Hydraulic system**: 240.0 L
- **Hydraulic oil tank**: 135.0 L
- **DEF/AdBlue® tank**: 57.0 L

### CLAMSHELL BUCKET
- **Bucket type**: S-SP80-3
- **Bucket capacity**: m³
- **Max. digging force**: kN (kgf)
- **Max. height**: mm
- **Opened max. height**: mm
- **Closed width**: mm
- **Opened width**: mm
- **Bucket width**: mm
- **Teeth number**: 7
- **Weight**: kg
- **Shell push type**
SPECIFICATIONS

WORKING RANGES

<table>
<thead>
<tr>
<th>Telescopic arm type</th>
<th>S-TC200R-8</th>
</tr>
</thead>
<tbody>
<tr>
<td>Telescopic arm system</td>
<td>Hydraulic cylinder + wire rope</td>
</tr>
<tr>
<td>A Max. vertical digging depth</td>
<td>21 150</td>
</tr>
<tr>
<td>B Radius at max. vertical digging depth</td>
<td>5 860</td>
</tr>
<tr>
<td>C Max. vertical digging radius</td>
<td>7 450</td>
</tr>
<tr>
<td>D Depth at max. vertical digging radius</td>
<td>17 140</td>
</tr>
<tr>
<td>E Max. working radius</td>
<td>10 170</td>
</tr>
<tr>
<td>F Max. dumping height</td>
<td>6 050</td>
</tr>
<tr>
<td>G Min. front swing radius</td>
<td>3 880</td>
</tr>
<tr>
<td>H Height at min. front swing radius</td>
<td>13 040</td>
</tr>
<tr>
<td>I Cab sliding distance</td>
<td>1 300</td>
</tr>
<tr>
<td>J Front rear radius</td>
<td>3 610</td>
</tr>
</tbody>
</table>
**DIMENSIONS**

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>A  Distance between tumblers</td>
<td>3 660</td>
</tr>
<tr>
<td>B  Undercarriage length</td>
<td>4 460</td>
</tr>
<tr>
<td>*C Counterweight clearance</td>
<td>980</td>
</tr>
<tr>
<td>D  Rear-end swing radius</td>
<td>2 980</td>
</tr>
<tr>
<td>E  Overall width of upperstructure</td>
<td>3 000</td>
</tr>
<tr>
<td>F  Overall height of cab</td>
<td>3 260</td>
</tr>
<tr>
<td>*G Min. ground clearance</td>
<td>450</td>
</tr>
<tr>
<td>H  Track gauge</td>
<td>2 390</td>
</tr>
<tr>
<td>I  Track shoe width</td>
<td>3 050 (3 050)</td>
</tr>
<tr>
<td>J  Undercarriage width (inc. side step)</td>
<td>2 990 (3 050)</td>
</tr>
<tr>
<td>K  Overall width</td>
<td>3 250</td>
</tr>
<tr>
<td>L  Overall length</td>
<td>14 740</td>
</tr>
<tr>
<td>M  Overall height of boom</td>
<td>2 770</td>
</tr>
<tr>
<td>N  Track height with triple grouser shoes</td>
<td>920</td>
</tr>
<tr>
<td>O  Swing centre to front distance</td>
<td>11 760</td>
</tr>
</tbody>
</table>

* Excluding track shoe lug  
*G: Triple grouser shoe

**TRANSPORTATION**

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Width : 3 050 mm Width (with Sliding cab)</td>
<td>22 900 kg</td>
</tr>
<tr>
<td>Width : 3 050 mm Width (with Sliding cab)</td>
<td>21 800 kg</td>
</tr>
</tbody>
</table>

**Telescopic Arm**

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Width: 680 mm Weight: 3 330 kg</td>
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</table>

**Clamshell Bucket**

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Width: 940 mm Weight: 1 240 kg</td>
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</tr>
</tbody>
</table>
### SPECIFICATIONS

#### DIMENSIONS

<table>
<thead>
<tr>
<th>Model</th>
<th>ZX210LC-6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arm length</td>
<td>2.03 m</td>
</tr>
<tr>
<td>Bucket capacity</td>
<td>0.8 m³</td>
</tr>
<tr>
<td>A Max. digging reach</td>
<td>9,230</td>
</tr>
<tr>
<td>B Max. digging reach (on ground)</td>
<td>9,040</td>
</tr>
<tr>
<td>C Minimum level crowding distance</td>
<td>3,550</td>
</tr>
<tr>
<td>D Max. digging depth</td>
<td>5,800</td>
</tr>
<tr>
<td>E Max. vertical wall digging depth</td>
<td>5,210</td>
</tr>
<tr>
<td>F Max. cutting height</td>
<td>9,850</td>
</tr>
<tr>
<td>G Max. dumping height</td>
<td>6,940</td>
</tr>
<tr>
<td>H Min. dumping height</td>
<td>3,660</td>
</tr>
<tr>
<td>I Min. swing radius</td>
<td>3,410</td>
</tr>
<tr>
<td>J Height at min. front swing radius</td>
<td>7,980</td>
</tr>
<tr>
<td>K Overall height</td>
<td>3,260</td>
</tr>
<tr>
<td>L Overall length</td>
<td>9,840</td>
</tr>
</tbody>
</table>

#### WORKING RANGES

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<td>2.03 m</td>
</tr>
<tr>
<td>Distance between tumblers</td>
<td>3,660</td>
</tr>
<tr>
<td>Undercarriage length</td>
<td>4,460</td>
</tr>
<tr>
<td>*C Counterweight clearance</td>
<td>980</td>
</tr>
<tr>
<td>D Rear-end swing radius</td>
<td>2,980</td>
</tr>
<tr>
<td>D’ Rear-end length</td>
<td>2,980</td>
</tr>
<tr>
<td>E Overall width of upperstructure</td>
<td>3,000</td>
</tr>
<tr>
<td>F Overall height of cab</td>
<td>3,260</td>
</tr>
<tr>
<td>*G Min. ground clearance</td>
<td>450</td>
</tr>
<tr>
<td>H Track gauge</td>
<td>2,390</td>
</tr>
<tr>
<td>I Track shoe width</td>
<td>6,000</td>
</tr>
<tr>
<td>J Undercarriage width (inc. side step)</td>
<td>2,990 (3,050)</td>
</tr>
<tr>
<td>K Overall width</td>
<td>3,250</td>
</tr>
<tr>
<td>L Overall length</td>
<td>9,840</td>
</tr>
<tr>
<td>M Overall height of boom</td>
<td>2,770</td>
</tr>
<tr>
<td>N Track height with triple grouser shoes</td>
<td>920</td>
</tr>
</tbody>
</table>

* Excluding track shoe lug  G: Triple grouser shoe
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. 

For lifting capacities, subtract bucket and quick hitch weight from lifting capacities.

### ZX210LC-6 BACKHOE FRONT WITH SLIDING CAB

<table>
<thead>
<tr>
<th>Conditions</th>
<th>Load point height m</th>
<th>Load radius 1.5 m</th>
<th>Load radius 3.0 m</th>
<th>Load radius 4.5 m</th>
<th>Load radius 6.0 m</th>
<th>Load radius 7.5 m</th>
<th>At max. reach (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6.0 Boom 5.68 m Arm 2.03 m Counterweight 4 850 kg Shoe 600 mm</td>
<td>6.0</td>
<td><em>6 580</em></td>
<td><em>6 580</em></td>
<td><em>6 200</em></td>
<td>6 150</td>
<td><em>6 290</em></td>
<td>5 400</td>
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<tr>
<td>4.5</td>
<td><em>7 900</em></td>
<td><em>7 900</em></td>
<td><em>6 590</em></td>
<td>6 020</td>
<td><em>6 220</em></td>
<td>4 510</td>
<td>7.27</td>
</tr>
<tr>
<td>3.0</td>
<td><em>9 760</em></td>
<td>8 660</td>
<td><em>7 340</em></td>
<td>5 810</td>
<td>6 320</td>
<td>4 240</td>
<td>6 160</td>
</tr>
<tr>
<td>1.5</td>
<td>7 590</td>
<td>5 620</td>
<td>6 290</td>
<td>4 170</td>
<td>6 000</td>
<td>3 990</td>
<td>7.75</td>
</tr>
<tr>
<td>0 (Ground)</td>
<td><em>11 310</em></td>
<td>8 160</td>
<td><em>8 340</em></td>
<td>5 510</td>
<td>6 240</td>
<td>4 130</td>
<td>6 210</td>
</tr>
<tr>
<td>-1.5</td>
<td><em>10 750</em></td>
<td>8 180</td>
<td><em>8 070</em></td>
<td>5 500</td>
<td><em>6 580</em></td>
<td>4 540</td>
<td>6.99</td>
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<tr>
<td>-3.0</td>
<td><em>12 240</em></td>
<td><em>12 240</em></td>
<td><em>9 290</em></td>
<td>8 310</td>
<td><em>6 570</em></td>
<td>5 630</td>
<td><em>6 500</em></td>
</tr>
<tr>
<td>-4.5</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6.0 Boom 5.68 m Arm 2.42 m Counterweight 4 850 kg Shoe 600 mm</td>
<td>6.0</td>
<td><em>5 750</em></td>
<td><em>5 750</em></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4.5</td>
<td><em>7 330</em></td>
<td><em>7 330</em></td>
<td><em>6 230</em></td>
<td>6 040</td>
<td><em>5 810</em></td>
<td>4 330</td>
<td>7.48</td>
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<tr>
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<td>8 730</td>
<td><em>7 040</em></td>
<td>5 810</td>
<td><em>6 060</em></td>
<td>4 230</td>
<td>5 790</td>
</tr>
<tr>
<td>1.5</td>
<td><em>10 720</em></td>
<td>8 290</td>
<td><em>7 810</em></td>
<td>5 600</td>
<td>6 120</td>
<td>4 140</td>
<td>5 630</td>
</tr>
<tr>
<td>0 (Ground)</td>
<td><em>11 240</em></td>
<td>8 100</td>
<td><em>8 240</em></td>
<td>5 480</td>
<td>6 050</td>
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<td><em>9 910</em></td>
<td><em>9 100</em></td>
<td>8 080</td>
<td><em>8 130</em></td>
<td>5 430</td>
<td>6 390</td>
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<tr>
<td>-3.0</td>
<td><em>13 220</em></td>
<td><em>13 220</em></td>
<td><em>9 730</em></td>
<td>8 190</td>
<td><em>7 160</em></td>
<td>5 130</td>
<td><em>6 670</em></td>
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<tr>
<td>-4.5</td>
<td><em>6 880</em></td>
<td><em>6 880</em></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td><em>6 450</em></td>
</tr>
<tr>
<td>6.0 Boom 5.68 m Arm 2.91 m Counterweight 4 850 kg Shoe 600 mm</td>
<td>6.0</td>
<td><em>5 230</em></td>
<td><em>5 230</em></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4.5</td>
<td><em>6 610</em></td>
<td><em>6610</em></td>
<td><em>5 780</em></td>
<td><em>5 780</em></td>
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<td><em>3 990</em></td>
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<td><em>8530</em></td>
<td><em>6 650</em></td>
<td>5 860</td>
<td><em>5 760</em></td>
<td>4 250</td>
<td><em>4 100</em></td>
</tr>
<tr>
<td>1.5</td>
<td><em>10 260</em></td>
<td>8380</td>
<td><em>7 520</em></td>
<td>5 630</td>
<td>6 130</td>
<td>4 140</td>
<td><em>4 370</em></td>
</tr>
<tr>
<td>0 (Ground)</td>
<td><em>4 850</em></td>
<td><em>4 850</em></td>
<td><em>11 120</em></td>
<td>8110</td>
<td><em>8 100</em></td>
<td>5 460</td>
<td>6 030</td>
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<tr>
<td>-1.5</td>
<td><em>5 480</em></td>
<td><em>5 480</em></td>
<td><em>11 120</em></td>
<td>8110</td>
<td><em>8 100</em></td>
<td>5 460</td>
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<tr>
<td>-3.0</td>
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<td><em>9 970</em></td>
<td><em>14 390</em></td>
<td><em>14 390</em></td>
<td><em>10 220</em></td>
<td>8100</td>
<td><em>7 590</em></td>
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<tr>
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<td><em>11 250</em></td>
<td><em>8 120</em></td>
<td>8120</td>
<td></td>
<td></td>
<td><em>6 250</em></td>
</tr>
</tbody>
</table>
## EQUIPMENT

### ENGINE
- Aftertreatment device
- Air cleaner double filters
- Alternator 50 A
- Auto idle system
- Auto shutdown control
- Cartridge type engine oil filter
- Cartridge type fuel main filter
- Cold fuel resistance valve
- DEF/AdBlue® tank inlet strainer and extension filter
- DEF/AdBlue® tank with ISO magnet adapter
- Dry-type air filter with evaporator valve (with air filter restriction indicator)
- Dust-proof indoor net
- ECO/PWR mode control
- Electrical fuel feed pump
- Engine oil drain coupler
- Expansion tank
- Fan guard
- Fuel cooler
- Fuel pre-filter with water separator
- Isolation-mounted engine
- Maintenance free pre-cleaner
- Radiator, oil cooler and intercooler
- Oil filter
- Turbocharged engine
- Turbocharger
- Turbocharger heat exchanger
- Turbocharger intercooler
- Turbocharger outlet
- Turbocharger outlet pipe

### HYDRAULIC SYSTEM
- Auto power lift
- Control valve with main relief valve
- Full-flow filter
- High mesh full flow filter with restriction indicator
- Hose rupture valve for arm
- Hose rupture valve for boom
- Pilot filter
- Power boost
- Suction filter
- Swing damper valve
- Two extra port for control valve
- Work mode selector

### CAB
- All-weather sound suppressed steel cab
- AM-FM radio
- Ashtray
- Extra air conditioner
- Auxiliary air conditioner
- Cab terminal and storage
- Cab front guard for sliding cab
- Cigarette lighter 24 V
- CRES V (Center pillar reinforced structure) cab
- Drink holder with hot & cool function
- Electric double horn
- Engine shut-off switch
- Equipped with reinforced, tinted (green color) glass windows
- Evacuation hammer
- Floor mat
- Footrest
- Front window washer
- Glove compartment
- Hot & cool box
- Intermittent windshield wipers
- Key cylinder light
- Laminate glass window
- LED room light with door courtesy
- OPG front guard Level II (ISO10262) compliant cab
- OPG top guard Level I (ISO10262) compliant cab
- OPG top guard Level II (ISO10262) compliant cab
- Pilot control shut-off lever
- Power outlet 12 V
- Rain guard
- Rear tray
- Retractable seat belt
- Rubber radio antenna
- Seat, air suspension seat with heater
- Seat adjustment part: backrest, armrest, height and angle, slide forward/back
- Short wrist control levers
- Sliding cab
- Sun visor (front window/side window)
- Transparent roof with slide curtain
- Windshield on front, upper, lower and left side can be opened
- 2 speakers
- 4 fluid-filled elastic mounts

### MONITOR SYSTEM
- Alarms: overheat, engine warning, engine oil pressure, alternator, minimum fuel level, hydraulic filter restriction, air filter restriction, work mode, overload, SCR system trouble, etc
- Alarm buzzers: overheat, engine oil pressure, overload, SCR system trouble
- Display of meters: water temperature, hour, fuel rate, clock, DEF/AdBlue® rate
- Other displays: work mode, auto-idle, glow, rearview monitor, operating conditions, etc
- Side view monitor
- 32 languages selection

### LIGHTS
- Additional boom light with cover
- Additional cab roof front lights
- Additional cab roof rear lights
- Additional 2 LED lights on sliding cab
- Rotating lamp
- 2 working lights

### UPPER STRUCTURE
- Additional Counterweight 1 150kg
- Batteries 2 x 126 Ah
- Battery disconnect switch
- Body top handrail
- Counterweight 4 850 kg
- Electric fuel refilling pump with auto stop and filter
- Fuel level float
- Hydraulic oil level gauge
- Hydraulic oil level gauge
- Lockable fuel refilling cap
- Lockable machine covers
- Lockable tool box
- Platform handrail
- Rear view camera
- Rear view mirror (right & left side)
- Side view camera
- Sidewalk for sliding cab
- Skid-resistant plates and handrails
- Swing parking brake
- Undercover
- Utility space

### FRONT ATTACHMENTS
- Backhoe front*: Casted bucket link A, Centralized lubrication system, Dirt seal on all bucket pins, Flanged pin, HN bushing, Reinforced resin thrust plate, WC(tungsten-carbide) thermal spraying
- Clamshell bucket (0.8 m³)

### ATTACHMENTS
- Telescopic arm piping
- Telescopic arm piping

### MISCELLANEOUS
- Abnormal rope alarm
- Global e-Service
- Motion alarm
- ONG top guard Level I (ISO10262) compliant cab
- Standard tool kit
- Zoom camera

### UNDERRCARRIAGE
- Bolt-on sprocket
- Reinforced track links with pin seals
- Shoe: 600 mm triple grouser
- Step for sliding cab
- Track undercover
- Travel direction mark on track frame
- Travel motor covers
- Travel parking brake
- Upper and lower rollers
- 2 track guards (each side) and hydraulic track adjuster
- 4 tie down brackets

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*When using standard arm (backhoe front):  
- For light digging only.  
- The hydraulic circuit is used exclusively for the telescopic arm, therefore attachments cannot be used.

Standard and optional equipment may vary by country, so please consult your Hitachi dealer for details.
Prior to operating this machine, including satellite communication system, in a country other than a country of its intended use, it may be necessary to make modifications to it so that it complies with the local regulatory standards (including safety standards) and legal requirements of that particular country. Please do not export or operate this machine outside the country of its intended use until such compliance has been confirmed. Please contact your Hitachi dealer in case of questions about compliance.

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.