HYDRAULIC EXCAVATOR

Model code: ZX350LC-6 / ZX350LCN-6
Maximum engine power: 210kW (ISO 14396)
Operating weight: 34,200 – 36,300 kg
Bucket ISO heaped: 1.15 – 1.86 m³
ZX350LC-6.
NO COMPROMISE

The ZX350LC-6 incorporates unique Hitachi technology that has been specially developed for the Zaxis-6 medium excavator range. This innovative model has been created with the highest level of performance, but without compromising on the increasing demand for operational efficiency.

The result is the ultimate excavation machine, reinforcing Hitachi’s reputation for the quality of its engineering and the durability of its products. The ZX350LC-6 is the epitome of reliability, with incredibly versatile features that highlight its suitability for a wide range of industry solutions.
DEMAND PERFECTION

The Hitachi ZX350LC-6 has been developed using cutting-edge technology at the world’s largest excavator factory in Japan. Perfectly suited to the demands of the European construction industry, it has been built to deliver exceptional levels of productivity at the lowest possible cost of ownership.

High quality
The finest design elements and materials.

Outstanding versatility
Tilt and rotary tilt modes complete the attachment support system.

Lifetime reliability
Reliable components reduce the likelihood of oil leaks.

Ultimate durability
Larger track guards reduce damage to track link.
Maximised performance
Remote monitoring with Global e-Service online application.

Safe environment
Handrails and a reinforced platform enhance safety.

Fewer emissions
SCR system reduces NOx from exhaust gas.

Reduced fuel consumption
15% fuel saving in ECO mode (7% in PWR mode).

Easy access
Wide-opening engine cover for maintenance.

Exceptional efficiency
TRIAS II system reduces total hydraulic loss.

Engine protection
High-performance and large-capacity fuel circuit.
THE ULTIMATE IN RELIABILITY

Like all Hitachi Zaxis-6 medium excavators, the ZX350LC-6 can operate efficiently on a variety of challenging job sites, delivering optimum levels of availability and performance. It can be relied upon to deliver a profitable return on investment.

User-friendly fuel filters
The main fuel filter screws into place on the ZX350LC-6. This prevents dust from entering the fuel circuit during routine maintenance. It is also easy to replace.

Easy-to-open engine cover
The engine compartment and other components are easily accessible for routine maintenance thanks to the engine cover, which can be opened up fully from the platform.

Reduced risk of overheating
The expansion tank is now mounted on top of the engine’s cooling system so that the air can be completely removed. This prevents the engine parts from overheating.

Oil leak prevention
The risk of oil leaks is reduced by a rubber hose fitted with a flange, which has been incorporated into the design of the hydraulic return pipes. These enhance the reliability of the system.

Seal and roller protection
Mud falls out easily from the reconfigured lower roller, which prevents clogging on the inside and any subsequent damage to the oil seals.
The main fuel filter is easier to replace. The expansion tank prevents engine parts from overheating.
The disconnect switch has improved safety during maintenance.

Risk of damage is reduced by a reinforced motor cover.

The disconnect switch has improved safety during maintenance.
INDISPUTABLE DURABILITY

With a market-leading reputation for the most reliable and durable construction machinery, Hitachi draws from more than four decades’ experience of manufacturing mechanical and hydraulic excavators. The Zaxis-6 range of medium excavators is the most recent incarnation of this expertise and has been developed to withstand the most demanding working environments.

Durable motor cover
The thickness of the travel motor cover has increased from 4.5mm (on the previous model) to 8mm on the ZX350LC-6. The position of the bolts has also been optimised to reduce potential damage.

Improved engine performance
An appropriate amount of fuel is supplied to the engine by a large-capacity electric fuel pump for improved performance. A water separator and cold fuel resistance valve are integrated into the prefilter for added protection against moisture.

Safer working environment
The covers on the platform walkway have been reinforced and a disconnect switch helps to avoid electrical accidents during maintenance.

Reinforced tracks
Enlarged track guards are fitted to the ZX350LC-6, which help to prevent potential damage being caused to the track link and enhances the excavator’s reliability.

Stronger boom
The front attachment’s durability has been enhanced by HN bushings to strengthen the brackets on the boom end and foot, and the reinforced resin thrust plates on the boom.
The flexibility of the ZX350LC-6 makes it a versatile player, ideal for a wide range of construction applications. Capable of providing a smooth, fast and precise operation, as well as high levels of productivity and fuel efficiency, it is among the most popular Hitachi excavator models.

Enhanced visibility
The bar near eye level has been removed from the optional front guard, which helps to improve the operator’s visibility. Blind spots on the upper and lower bar joints have also been minimised.

Machine performance
Two extra spools in the control valve of the ZX350LC-6 increases versatility by making it easier to install attachments that require multiple, large volumes of oil and on two-piece boom models.

Increased flexibility
The rotary tilt and tilt modes have been added to the attachment support system on the ZX350LC-6. These and nine other modes can be registered on the monitor for the easy fitment of attachments to increase versatility.

Easy access
The optional front guard can be opened up to 90 degrees – with a simple one-touch mechanism and the aid of a gas damper. This is a convenient feature for easy routine maintenance.

Greater lifting power
The tried-and-tested power-boost feature has 10% more capacity than the ZX350LC-3. This increases the capability of the ZX350LC-6 to deliver an enhanced level of excavating performance and lifting power.

It is an excellent machine and the whole package is strong in terms of its versatility

Patrik Lindskog, operator, Steffes Schakt
Power boost has 10% more capacity. Minimal blind spots improve visibility.
Urea is injected into the exhaust gas to reduce emissions.

Durable materials resist weather damage.
The quest for quality is an eternal endeavour at Hitachi’s Tsuchiura Works factory in Japan – the largest facility of its kind in the world. The ZX350LC-6 is an example of what can be achieved by the Hitachi design team, which is committed to the continuous development of its machines to deliver further improvements in performance, reliability and safety.

Reduced environmental impact
The variable geometry turbocharger and high volume-cooled exhaust gas recirculation (EGR) system help to reduce levels of nitrogen oxide and other pollutants. This reduces the environmental impact of the ZX350LC-6.

Fewer emissions
A selective catalytic reduction (SCR) system developed by Hitachi injects urea into exhaust gas to reduce nitrogen oxide from emissions. This leading technology helps the ZX350LC-6 to comply with EU Stage IV emission regulations.

Superior console materials
The console in the cab has been sculpted in highly durable AES-grade resin, which resists damage from the sun’s ultraviolet rays and offers superior weather resistance.

Comfortable cab
Hitachi caters for the comfort of operators with a fully adjustable seat, ergonomic controls and advanced music system in the spacious cab of the ZX350LC-6.

Exceptional cooling and acoustic performance
High-quality sealant (around the cooling package) and acoustic materials on the upper structure of the ZX350LC-6 eliminate any deterioration caused by heat. These ensure the long-term cooling and low-noise acoustic performance.
The TRIAS II hydraulic system consists of three pumps and valves. The TRIAS II technology developed by Hitachi reduces the hydraulic oil returned to the tank due to the cooperative control of the pump and valve. This helps to lower fuel consumption by 7% in PWR mode with the same productivity. Estimates suggest a saving of approximately €3,020 per year with the ZX350LC-6 in PWR mode.

Environmentally friendly
The auto shutdown feature minimises the environmental impact of the ZX350LC-6 medium excavator. It helps to prevent fuel wastage, as well as reduce noise levels, exhaust emissions and CO₂ levels.

Remote monitoring
Global e-Service allows owners to monitor their ZX350LC-6 remotely via Owner’s Site (24/7 online access) and ConSite (an automatic monthly report). These help to maximise efficiency, minimise downtime and improve overall performance.

Fewer emissions
The after-treatment device helps to reduce emissions and noise levels. This advanced technology consists of a diesel oxidation catalyst (DOC), urea mixing pipe, SCR system and silencer.

Superior sound system
Operators can work to the music they prefer, either on the AM/FM radio, which is accessible from the monitor, or via an auxiliary socket for devices such as MP3 players, which is linked to the sound system.
The oil flows separately to the bucket (light blue), arm (dark blue) and boom (yellow) cylinders.

The front attachment moves faster, because each actuator has its own pump.

The pumps are controlled electrically for precise oil flow and lower fuel consumption.

The SCR system injects urea into exhaust gas (red) to reduce nitrogen oxide from emissions.

7% lower fuel consumption in PWR mode with TRIAS II.

Remote monitoring improves efficiency and performance.

The SCR system reduces emissions and noise levels.
The total cost of ownership is favourable and we enjoy a reliable service

Klaus Nieweler, Operations Manager, Moß GmbH & Co. KG

Reducing the total cost of ownership

Hitachi has created the Support Chain after-sales programme to ensure optimum efficiency, as well as minimal downtime, reduced running costs and high resale values.

Global e-Service

Hitachi has developed two remote monitoring systems as part of its Global e-Service online application. Owner’s Site and ConSite are an integral part of the excavator, which sends operational data daily via GPRS or satellite to www.globaleservice.com. This allows immediate access to the Owner’s Site, and the vital information that is required for support on job sites.

Comparing the ratio of operating and non-operating hours helps to enhance efficiency. Effective management of maintenance programmes helps to maximise availability. Running costs can also be managed by analysing the fuel consumption. The location and movements of each machine are clearly displayed for essential planning.

An automatic service report – ConSite – sends a monthly email summarising the information from Global e-Service for each machine. This includes: daily working hours and fuel consumption data; statistics on the operating mode ratio, plus a comparison for fuel consumption/efficiency and CO₂ emissions.

Technical support

Each Hitachi service technician receives full technical training from HCME in Amsterdam. These sessions provide access to the same technical knowledge available within the Hitachi quality assurance departments and design centres. Technicians combine this global expertise with the local language and culture of the customer to provide the highest level of after-sales support.

Extended warranty and service contracts

Every new Hitachi Zaxis-6 model is covered by a full manufacturer’s warranty. For extra
protection – due to severe working conditions or to minimise equipment repair costs – Hitachi dealers offer a unique extended warranty called HELP (Hitachi Extended Life Program) and comprehensive service contracts. These can help to optimise the performance of each machine, reduce downtime and ensure higher resale values.

**Parts**

Hitachi offers a wide range and a high availability of parts dispatched from the 53,000 m² HCME European Parts Depot in The Netherlands.

- **Hitachi Genuine Parts**: allow machines to work for longer, with lower running and maintenance costs.
- **Hitachi Select Parts and 2Genuine Parts**: especially for older machines, they cost less, are of proven quality and come with the manufacturer’s warranty.
- **Performance Parts**: to cope with highly demanding conditions, they have been engineered for greater durability, better performance or longer life.
- **Remanufactured components**: offering an economically viable solution, they are the best option when preventative replacements are required.

Whatever the choice, the renowned quality of Hitachi construction machinery is assured.
EH dump trucks
EX ultra-large excavators
ZW wheel loaders
Hitachi Construction Machinery Co., Ltd. (HCM) was founded in 1970 as a subsidiary of Hitachi, Ltd. and has become one of the world’s largest construction equipment suppliers. A pioneer in producing hydraulic excavators, HCM also manufactures wheel loaders, rigid dump trucks, crawler cranes and special application machines at state-of-the-art facilities across the globe.

Incorporating advanced technology, Hitachi construction machinery has a reputation for the highest quality standards. Suitable for a wide range of industries, it is always hard at work around the world – helping to create infrastructure for a safe and comfortable way of living, developing natural resources and supporting disaster relief efforts.

Hitachi Zaxis excavators are renowned for being reliable, durable and versatile – capable of delivering the highest levels of productivity under the most challenging of conditions. They are designed to provide owners with a reduced total cost of ownership, and operators with the ultimate level of comfort and safety.

“...construction machinery that contributes to the creation of affluent and comfortable societies...”

Yuichi Tsujimoto, HCM President

BUILDING A BETTER FUTURE

Established in 1910, Hitachi, Ltd. was built upon a founding philosophy of making a positive contribution to society through technology. This is still the inspiration behind the Hitachi group’s reliable solutions that answer today’s challenges and help to create a better world.

Hitachi, Ltd. is now one of the world’s largest corporations, with a vast range of innovative products and services. These have been created to challenge convention, improve social infrastructure and contribute to a sustainable society.
SPECIFICATIONS

ENGINE

Model: Isuzu AQ-6HK1X
Type: 4-cycle water-cooled, common rail direct injection
Aspiration: Variable geometry turbocharged, intercooled, cooled EGR
Aftertreatment: DOC and SCR system
No. of cylinders: 6
Rated power
ISO 14396: 210 kW at 1 900 min⁻¹
ISO 9249, net: 202 kW at 1 900 min⁻¹
SAE J1349, net: 202 kW at 1 900 min⁻¹
Maximum torque: 1 080 Nm at 1 500 min⁻¹
Piston displacement: 7.790 L
Bore and stroke: 115 mm x 125 mm
Batteries: 2 x 12 V / 135 Ah

HYDRAULIC SYSTEM

Hydraulic Pumps
Main pumps: 3 variable displacement axial piston pumps
Maximum oil flow: 2 x 288 L/min, 1 x 280 L/min
Pilot pump: 1 gear pump
Maximum oil flow: 36.4 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: 34.3 MPa
Pilot circuit: 3.9 MPa
Power boost: 38.0 MPa

Hydraulic Cylinders

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Bore</th>
<th>Rod diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boom</td>
<td>2</td>
<td>145 mm x 100 mm</td>
</tr>
<tr>
<td>Arm</td>
<td>1</td>
<td>170 mm x 115 mm</td>
</tr>
<tr>
<td>Bucket</td>
<td>1</td>
<td>140 mm x 95 mm</td>
</tr>
<tr>
<td>Positioning *1</td>
<td>1</td>
<td>170 mm x 110 mm</td>
</tr>
</tbody>
</table>

*1: For 2-piece boom

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: 9.7 min⁻¹
Swing torque: 120 kNm

Operator’s Cab
Independent spacious cab, 1 005 mm wide by 1 675 mm high, conforming to ISO* Standards.

* International Standardisation Organisation

UNDERCARRIAGE

Tracks

Numbers of Rollers and Shoes on Each Side
Upper rollers: 2
Lower rollers: 8
Track shoes: 48
Track guards: 3

Travel Device
Travel speeds: High: 0 to 5.0 km/h, Low: 0 to 3.2 km/h
Maximum traction force: 298 kN
Gradeability: 70% (35 degree) continuous

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 105 dB(A)

SERVICE REFILL CAPACITIES

Fuel tank: 630.0 L
Engine coolant: 43.0 L
Engine oil: 48.0 L
Swing device: 17.0 L
Travel device (each side): 9.2 L
Hydraulic system: 340.0 L
Hydraulic oil tank: 180.0 L
DEF/AdBlue® tank: 70.0 L
### WEIGHS AND GROUND PRESSURE

#### Operating Weight and Ground Pressure

<table>
<thead>
<tr>
<th>Shoe type</th>
<th>Shoe width</th>
<th>Boom type</th>
<th>ZAXIS 350LC</th>
<th>ZAXIS 350LCN</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Monoblock</td>
<td>2-Piece</td>
<td>Monoblock</td>
</tr>
<tr>
<td></td>
<td></td>
<td>kg</td>
<td>kPa</td>
<td>kg</td>
</tr>
<tr>
<td></td>
<td></td>
<td>kg</td>
<td>kPa</td>
<td>kg</td>
</tr>
<tr>
<td>Triple grousers</td>
<td>600 mm</td>
<td>2.33 m</td>
<td>35 000</td>
<td>66</td>
</tr>
<tr>
<td></td>
<td>2.67 m</td>
<td>35 100</td>
<td>66</td>
<td>35 000</td>
</tr>
<tr>
<td></td>
<td>3.20 m</td>
<td>35 200</td>
<td>66</td>
<td>36 100</td>
</tr>
<tr>
<td></td>
<td>700 mm</td>
<td>2.33 m</td>
<td>35 800</td>
<td>50</td>
</tr>
<tr>
<td></td>
<td>2.67 m</td>
<td>35 900</td>
<td>50</td>
<td>36 800</td>
</tr>
<tr>
<td></td>
<td>3.20 m</td>
<td>35 900</td>
<td>50</td>
<td>36 900</td>
</tr>
<tr>
<td></td>
<td>800 mm</td>
<td>2.33 m</td>
<td>36 200</td>
<td>45</td>
</tr>
<tr>
<td></td>
<td>2.67 m</td>
<td>36 200</td>
<td>45</td>
<td>37 200</td>
</tr>
<tr>
<td></td>
<td>3.20 m</td>
<td>36 300</td>
<td>45</td>
<td>37 300</td>
</tr>
<tr>
<td></td>
<td>900 mm</td>
<td>2.33 m</td>
<td>36 300</td>
<td>45</td>
</tr>
<tr>
<td></td>
<td>2.67 m</td>
<td>36 300</td>
<td>45</td>
<td>37 300</td>
</tr>
<tr>
<td></td>
<td>3.20 m</td>
<td>36 300</td>
<td>45</td>
<td>37 300</td>
</tr>
</tbody>
</table>

Including 1.40 m³ (ISO heaped) bucket weight (1 170 kg) and counterweight (7 600 kg).

#### Basic Machine Weight and Overall Width

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

<table>
<thead>
<tr>
<th>Shoe width</th>
<th>Weight</th>
<th>Overall width</th>
</tr>
</thead>
<tbody>
<tr>
<td>600 mm</td>
<td>27 100 kg</td>
<td>3 190 mm</td>
</tr>
<tr>
<td>700 mm</td>
<td>27 500 kg</td>
<td>3 290 mm</td>
</tr>
<tr>
<td>800 mm</td>
<td>27 900 kg</td>
<td>3 390 mm</td>
</tr>
<tr>
<td>900 mm</td>
<td>28 300 kg</td>
<td>3 490 mm</td>
</tr>
</tbody>
</table>

#### Components Weight

<table>
<thead>
<tr>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Counterweight</td>
</tr>
<tr>
<td>Monoblock boom (with arm cylinder and boom cylinder)</td>
</tr>
<tr>
<td>2-Piece boom (with arm cylinder and boom cylinder)</td>
</tr>
<tr>
<td>Arm 2.33 m (with bucket cylinder)</td>
</tr>
<tr>
<td>Arm 2.67 m (with bucket cylinder)</td>
</tr>
<tr>
<td>Arm 3.20 m (with bucket cylinder)</td>
</tr>
<tr>
<td>Bucket 1.40 m³</td>
</tr>
</tbody>
</table>

#### BUCKET AND ARM DIGGING FORCE

<table>
<thead>
<tr>
<th>ZAXIS 350LC / ZAXIS 350LCN</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arm length</td>
</tr>
<tr>
<td>Bucket digging force* ISO</td>
</tr>
<tr>
<td>Bucket digging force* SAE</td>
</tr>
<tr>
<td>Arm crowd force* ISO</td>
</tr>
<tr>
<td>Arm crowd force* SAE</td>
</tr>
</tbody>
</table>

* At power boost
WORKING RANGES: MONOBLOCK BOOM

<table>
<thead>
<tr>
<th></th>
<th>ZAXIS 350LC / ZAXIS 350LCN</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Monoblock boom</td>
</tr>
<tr>
<td>Arm length</td>
<td>2.33 m</td>
</tr>
<tr>
<td>A  Max. digging reach</td>
<td>10 310</td>
</tr>
<tr>
<td>A' Max. digging reach (on ground)</td>
<td>10 080</td>
</tr>
<tr>
<td>B  Max. digging depth</td>
<td>6 500</td>
</tr>
<tr>
<td>B' Max. digging depth for 2.5 m level</td>
<td>6 300</td>
</tr>
<tr>
<td>C  Max. cutting height</td>
<td>9 980</td>
</tr>
<tr>
<td>D  Max. dumping height</td>
<td>6 900</td>
</tr>
<tr>
<td>D'  Min. dumping height</td>
<td>3 580</td>
</tr>
<tr>
<td>E  Min. swing radius</td>
<td>4 460</td>
</tr>
<tr>
<td>F  Max. vertical wall digging depth</td>
<td>5 330</td>
</tr>
</tbody>
</table>

Excluding track shoe lug

Unit: mm
## WORKING RANGES: 2-PIECE BOOM

### 2-Piece boom

<table>
<thead>
<tr>
<th></th>
<th>2.33 m</th>
<th>2.67 m</th>
<th>3.20 m</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>A</strong>&lt;br&gt;Max. digging reach</td>
<td>10 390</td>
<td>10 680</td>
<td>11 220</td>
</tr>
<tr>
<td><strong>A’</strong> Max. digging reach (on ground)</td>
<td>10 170</td>
<td>10 470</td>
<td>11 020</td>
</tr>
<tr>
<td><strong>B</strong>&lt;br&gt;Max. digging depth</td>
<td>6 040</td>
<td>6 360</td>
<td>6 900</td>
</tr>
<tr>
<td><strong>B’</strong> Max. digging depth for 2.5 m level</td>
<td>5 930</td>
<td>6 250</td>
<td>6 800</td>
</tr>
<tr>
<td><strong>C</strong>&lt;br&gt;Max. cutting height</td>
<td>11 870</td>
<td>12 060</td>
<td>12 550</td>
</tr>
<tr>
<td><strong>D</strong>&lt;br&gt;Max. dumping height</td>
<td>8 550</td>
<td>8 750</td>
<td>9 240</td>
</tr>
<tr>
<td><strong>D’</strong> Min. dumping height</td>
<td>4 810</td>
<td>4 330</td>
<td>3 650</td>
</tr>
<tr>
<td><strong>E</strong>&lt;br&gt;Min. swing radius</td>
<td>3 250</td>
<td>3 120</td>
<td>2 890</td>
</tr>
<tr>
<td><strong>F</strong>&lt;br&gt;Max. vertical wall digging depth</td>
<td>4 820</td>
<td>5 090</td>
<td>5 780</td>
</tr>
</tbody>
</table>

Excluding track shoe lug

Unit: mm
### SPECIFICATIONS

#### DIMENSIONS

<table>
<thead>
<tr>
<th>MONOBLOCK BOOM</th>
<th>2-PIECE BOOM</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>A</strong> Distance between tumblers</td>
<td><strong>M</strong> Overall length</td>
</tr>
<tr>
<td>4 050</td>
<td>11 390</td>
</tr>
<tr>
<td><strong>B</strong> Undercarriage length</td>
<td>With Arm 2.33 m</td>
</tr>
<tr>
<td>4 950</td>
<td>11 390</td>
</tr>
<tr>
<td><strong>C</strong> Counterweight clearance</td>
<td>With Arm 2.67 m</td>
</tr>
<tr>
<td>1 160</td>
<td>11 390</td>
</tr>
<tr>
<td><strong>D</strong> Rear-end swing radius</td>
<td>With Arm 3.20 m</td>
</tr>
<tr>
<td>3 600</td>
<td>11 220</td>
</tr>
<tr>
<td><strong>D’</strong> Rear-end length</td>
<td><strong>N</strong> Overall height of boom</td>
</tr>
<tr>
<td>3 590</td>
<td>With Arm 2.33 m</td>
</tr>
<tr>
<td><strong>E</strong> Overall width of upperstructure</td>
<td>3 510</td>
</tr>
<tr>
<td>2 990</td>
<td>With Arm 2.67 m</td>
</tr>
<tr>
<td><strong>F</strong> Overall height of cab</td>
<td>3 470</td>
</tr>
<tr>
<td>3 150</td>
<td>With Arm 3.20 m</td>
</tr>
<tr>
<td><strong>G</strong> Min. ground clearance</td>
<td>3 270</td>
</tr>
<tr>
<td>500</td>
<td><strong>G</strong>: Triple grouser shoe</td>
</tr>
<tr>
<td><strong>H</strong> Track gauge</td>
<td><strong>L</strong> Track height with triple grouser shoes</td>
</tr>
<tr>
<td>2 590</td>
<td>1 070</td>
</tr>
<tr>
<td><strong>I</strong> Track shoe width</td>
<td><strong>G</strong>: Triple grouser shoe</td>
</tr>
<tr>
<td>G 600</td>
<td>G 600</td>
</tr>
<tr>
<td><strong>J</strong> Undercarriage width</td>
<td><strong>K</strong> Overall width</td>
</tr>
<tr>
<td>3 190</td>
<td>3 190</td>
</tr>
<tr>
<td><strong>K</strong> Overall width</td>
<td><strong>L</strong> Track height with triple grouser shoes</td>
</tr>
<tr>
<td>2 990</td>
<td>1 070</td>
</tr>
<tr>
<td><strong>L</strong> Track height with triple grouser shoes</td>
<td>* Excluding track shoe lug</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ZAXIS 350LC</th>
<th>ZAXIS 350LCN</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>M’</strong> Overall length</td>
<td><strong>N’</strong> Overall height of boom</td>
</tr>
<tr>
<td>With Arm 2.33 m</td>
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<td>11 370</td>
<td>3 380</td>
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<td>With Arm 2.67 m</td>
<td>With Arm 2.33 m</td>
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<tr>
<td>11 370</td>
<td>3 380</td>
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<tr>
<td>With Arm 3.20 m</td>
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<tr>
<td>11 290</td>
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<td><strong>N’</strong> Overall height of boom</td>
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<tr>
<td>3 310</td>
<td>3 310</td>
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* Excluding track shoe lug
### ZAXIS 350LC MONOBLOCK BOOM

<table>
<thead>
<tr>
<th>Conditions</th>
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<th>Rating over-front</th>
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<tr>
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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.
### ZAXIS 350LC 2-PIECE BOOM

#### Conditions
- **Load point height**
- **Load radius**
- **At max. reach**

<table>
<thead>
<tr>
<th>Conditions</th>
<th>1.5 m</th>
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#### ZAXIS 350LCN 2-PIECE BOOM

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26 |
### EQUIPMENT

#### ENGINE
- Aftertreatment device
- Air cleaner double filters
- Alternator 50 A
- Auto idle system
- Auto shut-down 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 evacuator 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
- Isolating Montgomery engine
- Maintenance free pre-cleaner
- Radiator, oil cooler and intercooler

#### 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
- Variable hydraulic fan for oil cooler
- Variable relief valve for breaker & crusher
- Work mode selector

#### CAB
- All-weather sound suppressed steel cab
- AM-FM radio
- Ash tray
- Auto control air conditioner
- AUX function lever (Breaker assist)
- AUX terminal and storage
- 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
- Fire extinguisher bracket
- Floor mat
- Footrest
- Front window washer
- Glove compartment
- Hot & cool box
- Intermittent windshield wipers
- Key cylinder light
- Laminated round glass window
- LED room light with door courtesy
- OPG front guard Level II (ISO10262) compliant cab
- OPG front guard Level II (ISO10262) compliant cab
- OPG top guard Level II (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
- ROPS (ISO12117-2) compliant cab
- Rubber radio antenna
- Seat: air suspension seat with heater
- Seat adjustment part: backrest, armrest, height and angle, slide forward/back
- Short wrist control levers
- Sun visor (front window/side window)
- Transparent roof with slide curtain
- Windows 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
- 32 languages selection

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

#### UPPER STRUCTURE
- Batteries 2 x 135 Ah
- Battery disconnect switch
- Counterweight 7 600 kg
- Electric fuel refilling pump with auto stop and filter
- Fuel level float
- 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)
- Skid-resistant plates and handrails
- Swing parking brake
- Undercover
- Utility space

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#### FRONT ATTACHMENTS
- 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
- Welded bucket link A

#### ATTACHMENTS
- Accessories for 2 speed selector
- Additional pump (30 L/min)
- Assist piping
- Attachment basic piping
- Breaker and crusher piping
- Parts for breaker and crusher
- Pilot accumulator

#### MISCELLANEOUS
- Global e-Service
- Onboard information controller
- Standard tool kit
- Theft prevention system

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

* Hitachi Construction Machinery cannot be held liable for theft, any system will just minimize the risk of theft.
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.