



GREEN POWER
OPERATED PLANT HIRE



ZAXIS 210 Product Brochure

ZAXIS 6 SERIES

HITACHI

Reliable solutions

ZAXIS210



HYDRAULIC EXCAVATOR

Model code : ZX210-6 / ZX210LC-6 / ZX210LCN-6

Engine rated power : 128.4 kW (ISO14396)

Operating weight : 21 600 – 23 700 kg

Bucket ISO heaped : 0.51 – 1.20 m³

ZX210LC-6. NO COMPROMISE

The Zaxis-6 medium excavator range benefits from unique Hitachi technology. This enables the innovative ZX210LC-6 to deliver a high level of performance without compromising on the increasing demand for operational efficiency.

Over several decades, Hitachi has built a strong reputation based on the quality of its engineering, and the reliability and durability of its construction machinery. The ZX210LC-6 lives up to this reputation and is suitable for a wide range of industry solutions, thanks to its incredibly versatile features.



6. RENOWNED FOR RELIABILITY



8. BUILT-IN DURABILITY



10. EPITOME OF VERSATILITY



12. QUALITY GUARANTEED



14. UNIQUE TECHNOLOGY

DEMAND PERFECTION

The Hitachi ZX210LC-6 has been designed in Japan at the world's biggest excavator factory for the specific needs of the European construction industry. It has been developed to perfection using market-leading technology to deliver exceptional productivity at the lowest possible cost of ownership.



Optimum performance

Remote monitoring with Global e-Service online application.



High quality

Only the best design elements and materials.



Incredible versatility

Tilt and rotary tilt modes complete the attachment support system.



Lifetime reliability

Reliable components help to prevent oil leaks.



Ultimate durability

Redesigned lower roller reduces risk of damage.





User-friendly

Safety comes first with handrails and a reinforced safety platform.



Low emissions

SCR system reduces NOx from exhaust gas.



Low fuel consumption

8% fuel saving in ECO mode (6% in PWR mode).



Excellent efficiency

TRIAS II system reduces total hydraulic loss.



Engine protection

High performance and large-capacity fuel circuit.



Easy maintenance

Convenient and wide-opening engine cover.



“ *Hitachi is recognised in the industry as a top brand* ”

Eamonn McGurk, owner, Keyway Group

RENOWNED FOR RELIABILITY

The ZX210LC-6 has been designed to work on a wide range of demanding job sites all day, every day. High levels of availability and performance, exceptional efficiency, and a variety of easy maintenance features, contribute to a profitable return on investment.

Easy maintenance

The engine cover can be conveniently opened up fully from the platform. This provides easy access to the engine compartment and other components for routine maintenance.

Durable hydraulic connection

A rubber hose fitted with a flange has been incorporated into the design of the hydraulic return pipes. These enhance the reliability of the system and reduce the risk of oil leaks.

User-friendly fuel filter

The main fuel filter screws into place on the ZX210LC-6. This makes it easier to replace and ensures that dust is prevented from entering the fuel circuit during routine maintenance procedures.

More efficient cooling

The expansion tank is mounted on top of the engine's cooling system. This revised position means that the air can be completely removed and prevents the engine parts from overheating.



Easy access to the engine compartment.



The main fuel filter is easier to replace.



The expansion tank prevents engine parts from overheating.



HITACHI

ZA15
210^{LC}



Redesigned lower roller prevents mud entering and causing damage.



Improved performance derived from the fuel circuit.



i The durability of Hitachi excavators is tested at Urahoro Test Site on Hokkaido, the northernmost Japanese island, in job site conditions and temperatures from -25°C to 35°C.



BUILT-IN DURABILITY

Hitachi construction machinery is renowned as the most reliable and durable on the market. The Zaxis-6 medium excavator range has been developed using decades of manufacturing experience. As a result, it is designed and engineered to operate in the most challenging environments.



Durable design

The lower roller of the ZX210LC-6 has been redesigned to prevent mud from entering and causing damage to the oil seal. This enhances the long-term durability of the machine.

Enhanced fuel circuit

A high performance water separator and cold fuel resistance valve are integrated into the pre-filter for added protection against moisture. In addition, a large capacity electric fuel pump supplies an appropriate amount of fuel to the engine for an improved performance.

Engine protection

The combustion chamber is made from stronger materials and the revised shape of

the piston is designed to achieve cleaner emissions. These features will further enhance the reliability of the engine.

Oil leak prevention

The O-rings on the control valve and swing motor are made from fluorine. This highly durable material withstands high oil temperatures and reinforces the parts' reliability to prevent oil leaks.

Reinforced platform

The covers on the platform walkway have been reinforced. This adds to the high-quality and safe working environment, which provides peace of mind for the operator.



Reinforced for safer working environment.





“ *It is stable, powerful and the rear-view camera is ideal* ”

Rune Morten Ryen, operator, Skogen

EPITOME OF VERSATILITY

The ZX210LC-6 is among the most popular models of the Hitachi medium excavator range, thanks to its power, performance and suitability for a wide range of construction applications. Smooth, fast and precise, it delivers high levels of productivity and fuel efficiency.

Greater flexibility

The rotary tilt and tilt modes are included within the attachment support system on the ZX210LC-6. These and nine other modes can be registered on the monitor for the easy fitment of attachments to increase versatility.

Power boost

The tried-and-tested power-boost feature has 10% more capacity than the ZX210LC-3. This increases the capability of the ZX210LC-6 to deliver an enhanced level of excavating performance and lifting power.

User-friendly

An optional pilot accumulator allows for the pressure in the attachment circuit to be

lowered after the engine has stopped. This ensures the safe and easy replacement of attachments.

Better visibility

There are fewer bars on the optional front guard and those remaining are reduced in size – yet retain their rigidity. This helps to minimise any blind spots and improves the operator's visibility.

Machine performance

The ZX210LC-6 is equipped with two extra spools in the control valve. This increases versatility by making it easier to install attachments that require multiple, large volumes of oil and on two-piece boom models.



Two tilt modes add to the versatility of the ZX210LC-6.



Power boost has 10% more capacity.



Minimal blind spots improve visibility.



Superior weather resistance maintains the cab's internal appearance.



Urea is injected into the exhaust gas to reduce emissions.

i Tsuchiura Works Quality Assurance Centre gathers customer feedback, liaises with the Design Centre, and tests prototypes for performance, reliability and safety.



QUALITY GUARANTEED

Zaxis-6 medium excavators are manufactured from materials of the highest quality and checked for optimum performance, reliability and safety at Hitachi's Tsuchiura Works factory, the largest facility of its kind. So owners of the Hitachi ZX210LC-6 can be assured of the utmost quality in their machine.



Ergonomic controls contribute to the ultimate workspace.

Superior cooling performance

The upper structure benefits from high-quality sealant (around the cooling package) and acoustic materials to eliminate any deterioration caused by heat. These ensure the long-term cooling and low-noise acoustic performance of the ZX210LC-6.

Excellent weather resistance

The cab console has been sculpted in highly durable AES-grade resin. This ensures superior weather resistance and ultimately prevents the sun's ultraviolet rays from damaging the console.

Reduced emissions

Hitachi has developed a selective catalytic reduction (SCR) system that injects urea into exhaust gas to reduce nitrogen

oxide from emissions. This cutting-edge technology not only helps the environment, but also complies with EU Stage IV emission regulations.

Ultimate comfort

A fully adjustable seat, spacious cab, ergonomic controls and advanced music system all contribute to the ultimate working environment.

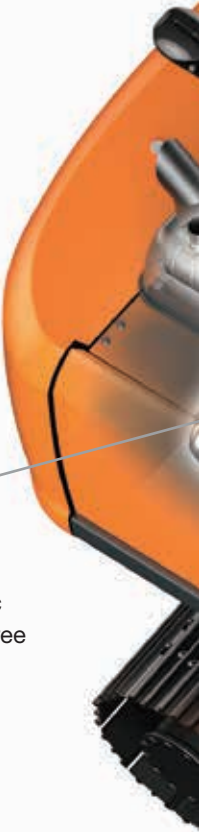
Safety at work

The ZX210LC-6 has been fitted with a high-spec rollover protective structure-compliant (ROPS) and centre pillar reinforced structure (CRES V) cab. The pressurised cab is designed to protect the operator from the penetration of dust and potential job site risks.



“ *Hitachi is the only manufacturer to possess a high level of expertise in tuning the [TRIAS] hydraulic system* ”

Burkhard Janssen, General Manager Product Management & Engineering, Hitachi Construction Machinery (Europe) NV



The TRIAS II hydraulic system consists of three pumps and valves.

UNIQUE TECHNOLOGY

Hitachi Zaxis-6 medium excavators benefit from unique Hitachi technology, developed to maximise efficiency and improve overall performance. Examples of this can be found in every part of the ZX210LC-6, from the engine and hydraulics, to inside the cab. This emphasis on technology sets Hitachi apart from the competition.

Saving fuel and costs

Hydraulic loss is decreased by TRIAS II technology. It 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 8% in ECO mode with the same productivity.

User-friendly functionality

A large seven-inch multi-function LCD monitor provides a wide range of useful technical information. With multi-lingual support in up to 32 languages, it enables operators to check the machine's status and settings at a glance.

Remote monitoring

Global e-Service allows owners to monitor their fleets 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 consists of a diesel oxidation catalyst (DOC), urea mixing pipe, SCR system and silencer. This advanced technology helps to reduce emissions and noise levels.

Advanced audio system

The AM/FM radio is accessible from the monitor and an auxiliary socket – for devices such as MP3 players – is linked to the sound system. This choice of entertainment helps to provide an enjoyable – and productive – working environment.

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.

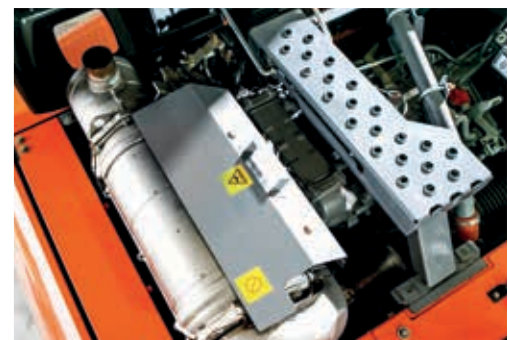
The SCR system injects urea into exhaust gas (red) to reduce nitrogen oxide from emissions.



8% lower fuel consumption in ECO mode with TRIAS II.



The LCD monitor shows the machine's status and settings.



The SCR system reduces emissions and noise levels.



“ *The total cost of ownership is of maximum benefit to our company* ”

Peter Kögel, Member of the Management Board,
Kögel Bau 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.

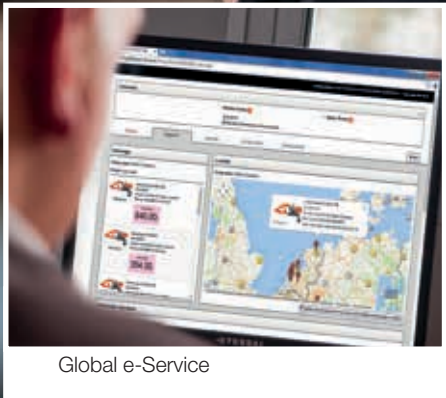
An automatic service report – ConSite – sends a monthly email summarising the information from Global e-Service for each machine. This includes: daily working hours and fuel consumption data; statistics on the operating mode ratio, plus a comparison for fuel consumption/efficiency, and CO₂ emissions.

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



Global e-Service



Technical support



Hitachi Parts

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



“ We develop 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.

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.



Mini excavators

SPECIFICATIONS

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 1 x 189 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

| | Quantity | Bore | Rod diameter |
|---------------|----------|--------|--------------|
| Boom | 2 | 120 mm | 85 mm |
| Arm | 1 | 135 mm | 95 mm |
| Bucket | 1 | 115 mm | 80 mm |
| Positioning * | 1 | 150 mm | 100 mm |

* : 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 | 11.8 min ⁻¹ |
| 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

Tractor-type undercarriage. Welded track frame using selected materials. Side frame welded to track frame. Lubricated track rollers, idlers, and sprockets with floating seals.

Track shoes with triple grousers made of induction-hardened rolled alloy. Heat-treated connecting pins with dirt seals. Hydraulic (grease) track adjusters with shock-absorbing recoil springs.

Numbers of Rollers and Shoes on Each Side

| | |
|---------------------|---|
| Upper rollers | 2 |
| Lower rollers | 7 : ZAXIS 210 8 : ZAXIS 210LC / ZAXIS 210LCN |
| Track shoes | 46 : ZAXIS 210 49 : ZAXIS 210LC / ZAXIS 210LCN |
| 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 | 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 101 dB(A) : ZAXIS 210 / ZAXIS 210LC
LwA 102 dB(A) : ZAXIS 210LCN

SERVICE REFILL CAPACITIES

| | |
|---------------------------------|---|
| Fuel tank | 400.0 L : ZAXIS 210 / ZAXIS 210LC 330.0 L : ZAXIS 210LCN |
| 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 : ZAXIS 210 / ZAXIS 210LC 220.0 L : ZAXIS 210LCN |
| Hydraulic oil tank | 135.0 L : ZAXIS 210 / ZAXIS 210LC 115.0 L : ZAXIS 210LCN |
| DEF/AdBlue® tank | 57.0 L : ZAXIS 210 / ZAXIS 210LC 35.0 L : ZAXIS 210LCN |

WEIGHTS AND GROUND PRESSURE

Operating Weight and Ground Pressure

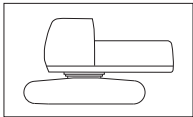
| | | | ZAXIS 210 *1 | | | | ZAXIS 210LC *1 | | | |
|----------------|------------|------------|--------------|-----|---------|--------|----------------|--------|---------|-----|
| Boom type | | | Monoblock | | 2-Piece | | Monoblock | | 2-Piece | |
| Shoe type | Shoe width | Arm length | kg | kPa | kg | kPa | kg | kPa | kg | kPa |
| Triple grouser | 600 mm | 2.03 m | 21 600 | 48 | 22 200 | 50 | 22 100 | 46 | 22 700 | 47 |
| | | 2.42 m | 21 600 | 48 | 22 300 | 50 | 22 200 | 46 | 22 800 | 47 |
| | | 2.91 m | 21 700 | 49 | 22 300 | 50 | 22 200 | 46 | 22 900 | 47 |
| | 700 mm | 2.03 m | 21 800 | 42 | 22 400 | 43 | 22 400 | 40 | 23 000 | 41 |
| | | 2.42 m | 21 900 | 42 | 22 500 | 43 | 22 400 | 40 | 23 100 | 41 |
| | | 2.91 m | 21 900 | 42 | 22 600 | 43 | 22 500 | 40 | 23 100 | 41 |
| | 800 mm | 2.03 m | 22 100 | 37 | 22 700 | 38 | 22 700 | 35 | 23 300 | 36 |
| | | 2.42 m | 22 100 | 37 | 22 800 | 38 | 22 700 | 35 | 23 400 | 36 |
| | | 2.91 m | 22 200 | 37 | 22 800 | 38 | 22 800 | 35 | 23 400 | 36 |
| 900 mm | 2.03 m | - | - | - | - | 23 000 | 31 | 23 600 | 32 | |
| | 2.42 m | - | - | - | - | 23 000 | 31 | 23 700 | 32 | |
| | 2.91 m | - | - | - | - | 23 100 | 32 | 23 700 | 32 | |

| | | | ZAXIS 210LCN *2 | | | |
|----------------|------------|------------|-----------------|-----|---------|-----|
| Boom type | | | Monoblock | | 2-Piece | |
| Shoe type | Shoe width | Arm length | kg | kPa | kg | kPa |
| Triple grouser | 500 mm | 2.03 m | 21 500 | 54 | 22 100 | 55 |
| | | 2.42 m | 21 600 | 54 | 22 200 | 55 |
| | | 2.91 m | 21 600 | 54 | 22 300 | 56 |
| Triple grouser | 600 mm | 2.03 m | 21 700 | 45 | 22 300 | 46 |
| | | 2.42 m | 21 800 | 45 | 22 400 | 47 |
| | | 2.91 m | 21 900 | 46 | 22 500 | 47 |

*1 Including 0.80 m³ (ISO heaped) bucket weight (660 kg) and counterweight (4 850 kg).

*2 Including 0.80 m³ (ISO heaped) bucket weight (660 kg) and counterweight (4 700 kg).

Basic Machine Weight and Overall Width



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

ZAXIS 210

| Shoe width | Weight | Overall width |
|------------|-----------|---------------|
| 600 mm | 17 100 kg | 2 860 mm |
| 700 mm | 17 300 kg | 2 910 mm |
| 800 mm | 17 600 kg | 3 000 mm |

ZAXIS 210LC

| Shoe width | Weight | Overall width |
|------------|-----------|---------------|
| 600 mm | 17 600 kg | 2 990 mm |
| 700 mm | 17 900 kg | 3 090 mm |
| 800 mm | 18 200 kg | 3 190 mm |
| 900 mm | 18 500 kg | 3 290 mm |

ZAXIS 210LCN

| Shoe width | Weight | Overall width |
|------------|-----------|---------------|
| 500 mm | 17 200 kg | 2 500 mm |
| 600 mm | 17 400 kg | 2 580 mm |

Components Weight

| | Weight |
|--|----------|
| Counterweight : ZAXIS 210 / ZAXIS 210LC | 4 850 kg |
| Counterweight : ZAXIS 210LCN | 4 700 kg |
| Monoblock boom (with arm cylinder and boom cylinder) | 2 210 kg |
| 2-Piece boom (with arm cylinder and boom cylinder) | 2 930 kg |
| Arm 2.03 m (with bucket cylinder) | 890 kg |
| Arm 2.42 m (with bucket cylinder) | 960 kg |
| Arm 2.91 m (with bucket cylinder) | 1 030 kg |
| Bucket 0.80 m ³ | 660 kg |

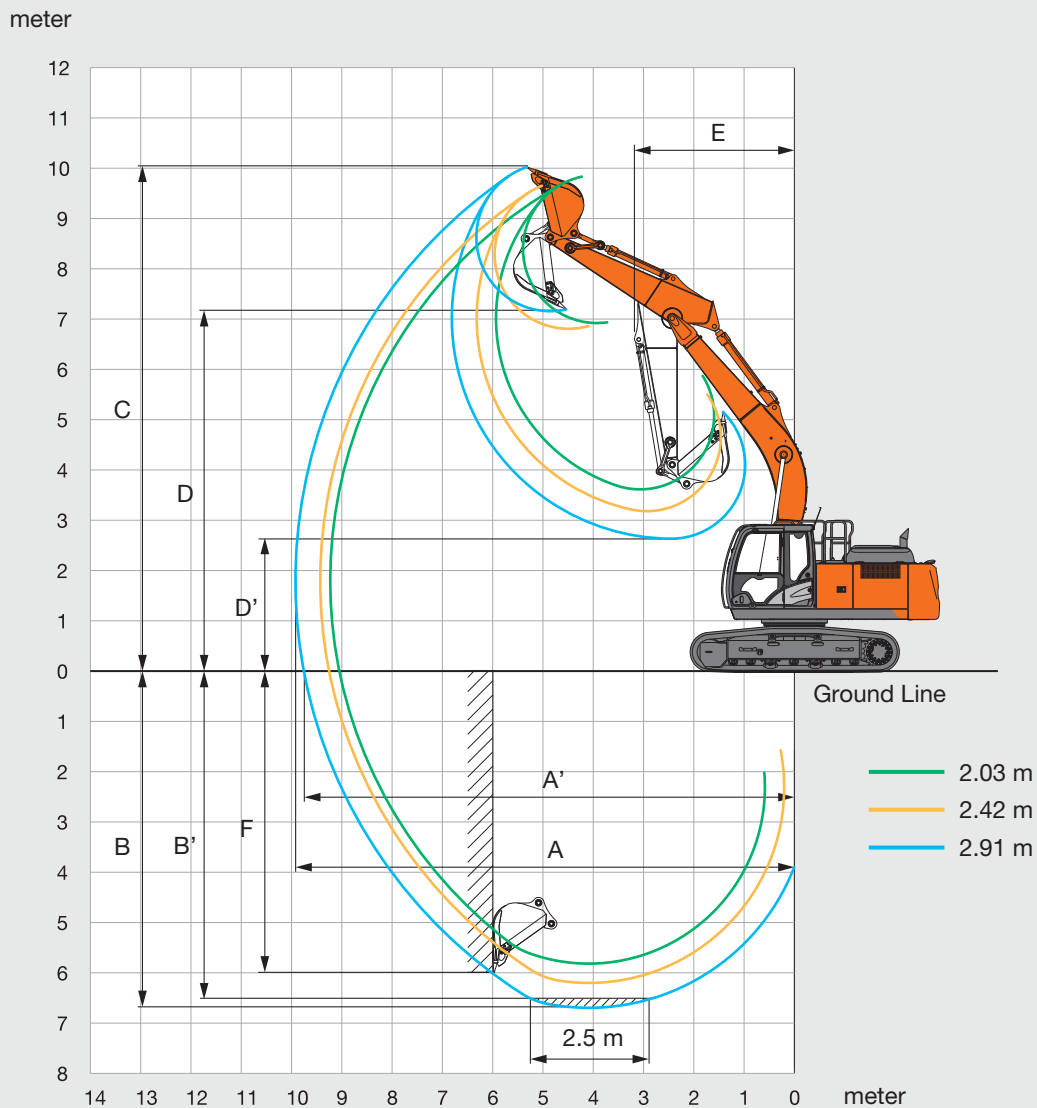
BUCKET AND ARM DIGGING FORCE

| Arm length | ZAXIS 210 / ZAXIS 210LC / ZAXIS 210LCN | | |
|----------------------------------|--|--------|--------|
| | 2.03 m | 2.42 m | 2.91 m |
| Bucket digging force* ISO | 158 kN | | |
| Bucket digging force* SAE : PCSA | 141 kN | | |
| Arm crowd force* ISO | 152 kN | 140 kN | 114 kN |
| Arm crowd force* SAE : PCSA | 144 kN | 133 kN | 110 kN |

* At power boost

SPECIFICATIONS

WORKING RANGES: MONOBLOCK BOOM

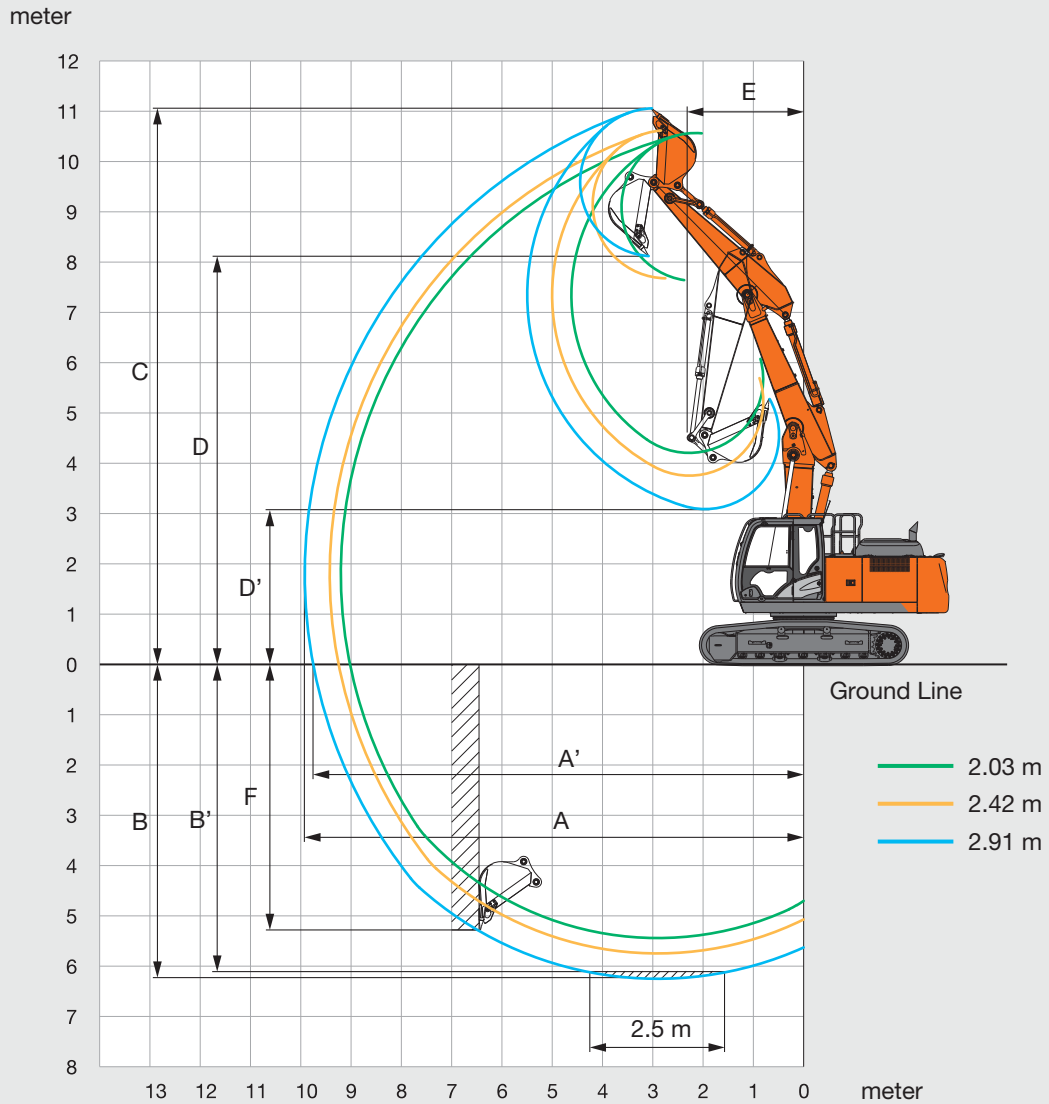


Unit: mm

| | ZAXIS 210 / ZAXIS 210LC / ZAXIS 210LCN | | |
|---------------------------------------|--|--------|--------|
| | Monoblock boom | | |
| Arm length | 2.03 m | 2.42 m | 2.91 m |
| A Max. digging reach | 9 230 | 9 430 | 9 920 |
| A' Max. digging reach (on ground) | 9 040 | 9 250 | 9 750 |
| B Max. digging depth | 5 800 | 6 180 | 6 670 |
| B' Max. digging depth for 2.5 m level | 5 580 | 5 950 | 6 490 |
| C Max. cutting height | 9 850 | 9 670 | 10 040 |
| D Max. dumping height | 6 940 | 6 830 | 7 180 |
| D' Min. dumping height | 3 630 | 3 200 | 2 650 |
| E Min. swing radius | 3 410 | 3 280 | 3 180 |
| F Max. vertical wall digging depth | 5 210 | 5 300 | 5 990 |

Excluding track shoe lug

WORKING RANGES: 2-PIECE BOOM



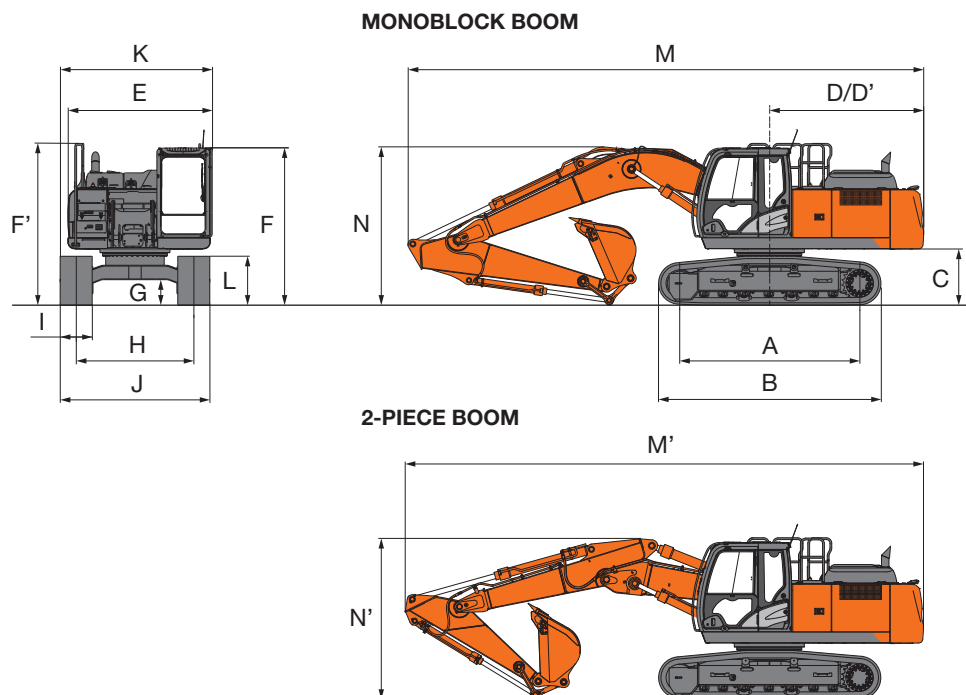
Unit: mm

| | ZAXIS 210 / ZAXIS 210LC / ZAXIS 210LCN | | |
|---------------------------------------|--|--------|--------|
| | 2-Piece boom | | |
| Arm length | 2.03 m | 2.42 m | 2.91 m |
| A Max. digging reach | 9 210 | 9 430 | 9 930 |
| A' Max. digging reach (on ground) | 9 020 | 9 250 | 9 750 |
| B Max. digging depth | 5 420 | 5 720 | 6 230 |
| B' Max. digging depth for 2.5 m level | 5 300 | 5 610 | 6 120 |
| C Max. cutting height | 10 590 | 10 640 | 11 080 |
| D Max. dumping height | 7 670 | 7 700 | 8 150 |
| D' Min. dumping height | 4 230 | 3 780 | 3 110 |
| E Min. swing radius | 2 630 | 2 630 | 2 320 |
| F Max. vertical wall digging depth | 4 560 | 4 720 | 5 280 |

Excluding track shoe lug

SPECIFICATIONS

DIMENSIONS



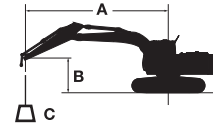
Unit: mm

| | ZAXIS 210 | ZAXIS 210LC | ZAXIS 210LCN |
|--|-----------|-------------|--------------|
| A Distance between tumblers | 3370 | 3 660 | 3 660 |
| B Undercarriage length | 4 170 | 4 460 | 4 460 |
| * C Counterweight clearance | 990 | 990 | 990 |
| D Rear-end swing radius | 2 890 | 2 890 | 2 890 |
| D' Rear-end length | 2 890 | 2 890 | 2 890 |
| E Overall width of upperstructure | 2 710 | 2 710 | 2 480 |
| F Overall height of cab | 2 950 | 2 950 | 2 950 |
| F' Overall height of upperstructure | 3 020 | 3 020 | 3 020 |
| * G Min. ground clearance | 450 | 450 | 450 |
| H Track gauge | 2 200 | 2 390 | 1 980 |
| I Track shoe width | G 600 | G 600 | G 500 |
| J Undercarriage width | 2 800 | 2 990 | 2 480 |
| K Overall width | 2 860 | 2 990 | 2 500 |
| * L Track height with triple grouser shoes | 920 | 920 | 920 |
| MONOBLOCK BOOM | | | |
| M Overall length | | | |
| With arm 2.03 m | 9 750 | 9 750 | 9 750 |
| With arm 2.42 m | 9 750 | 9 750 | 9 750 |
| With arm 2.91 m | 9 660 | 9 660 | 9 660 |
| N Overall height of boom | | | |
| With arm 2.03 m | 3 150 | 3 150 | 3 150 |
| With arm 2.42 m | 3 180 | 3 180 | 3 180 |
| With arm 2.91 m | 2 940 | 2 940 | 2 940 |
| 2-PIECE BOOM | | | |
| M' Overall length | | | |
| With arm 2.03 m | 9 720 | 9 720 | 9 720 |
| With arm 2.42 m | 9 690 | 9 690 | 9 690 |
| With arm 2.91 m | 9 640 | 9 640 | 9 640 |
| N' Overall height of boom | | | |
| With arm 2.03 m | 3 010 | 3 010 | 3 010 |
| With arm 2.42 m | 3 060 | 3 060 | 3 060 |
| With arm 2.91 m | 2 910 | 2 910 | 2 910 |

* Excluding track shoe lug G: Triple grouser shoe

LIFTING CAPACITIES

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



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

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

ZAXIS 210 MONOBLOCK BOOM

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

| Conditions | Load point height m | Load radius | | | | | | | | | | At max. reach | | |
|--|---------------------|-------------|---------|---------|---------|---------|--------|--------|--------|--------|--------|---------------|-------|-------|
| | | 1.5 m | | 3.0 m | | 4.5 m | | 6.0 m | | 7.5 m | | | | meter |
| | | | | | | | | | | | | | | |
| Boom 5.68 m Arm 2.03 m Counterweight 4 850 kg Shoe 600 mm | 6.0 | | | | | *6 560 | *6 560 | *6 180 | 5 330 | | | *6 260 | 4 670 | 6.50 |
| | 4.5 | | | | | *7 870 | *7 870 | *6 570 | 5 210 | | | *5 690 | 3 890 | 7.27 |
| | 3.0 | | | | | *9 720 | 7 410 | *7 320 | 5 000 | 5 360 | 3 650 | 5 180 | 3 530 | 7.67 |
| | 1.5 | | | | | | | 7 260 | 4 810 | 5 280 | 3 570 | 5 040 | 3 410 | 7.75 |
| | 0 (Ground) | | | | | 11 040 | 6 920 | 7 130 | 4 700 | 5 240 | 3 530 | 5 200 | 3 510 | 7.54 |
| | -1.5 | | | | | *10 710 | 6 930 | 7 120 | 4 690 | | | 5 790 | 3 880 | 6.99 |
| -3.0 | | | *12 200 | *12 200 | *9 260 | 7 070 | *6 540 | 4 830 | | | *6 470 | 4 800 | 6.03 | |
| Boom 5.68 m Arm 2.42 m Counterweight 4 850 kg Shoe 600 mm | 6.0 | | | | | | | *5 730 | 5 380 | | | *5 760 | 4 460 | 6.74 |
| | 4.5 | | | | | *7 310 | *7 310 | *6 210 | 5 230 | | | 5 460 | 3 730 | 7.48 |
| | 3.0 | | | | | *9 180 | 7 480 | *7 010 | 5 010 | 5 360 | 3 640 | 4 980 | 3 380 | 7.87 |
| | 1.5 | | | | | *10 680 | 7 040 | 7 240 | 4 790 | 5 250 | 3 540 | 4 830 | 3 270 | 7.95 |
| | 0 (Ground) | | | | | 10 980 | 6 860 | 7 090 | 4 660 | 5 180 | 3 480 | 4 970 | 3 340 | 7.74 |
| | -1.5 | | | *9 900 | *9 900 | *10 870 | 6 840 | 7 050 | 4 620 | | | 5 470 | 3 660 | 7.21 |
| -3.0 | | | *13 180 | 13 140 | *9 690 | 6 940 | *7 130 | 4 700 | | | *6 640 | 4 440 | 6.28 | |
| -4.5 | | | | | *6 850 | *6 850 | | | | | *6 410 | *6 410 | 4.71 | |
| Boom 5.68 m Arm 2.91 m Counterweight 4 850 kg Shoe 600 mm | 6.0 | | | | | | | *5 200 | *5 200 | | | *4 030 | 3 950 | 7.32 |
| | 4.5 | | | | | *6 590 | *6 590 | *5 750 | 5 290 | *5 370 | 3 760 | *3 970 | 3 370 | 8.01 |
| | 3.0 | | | | | *8 500 | 7 620 | *6 620 | 5 050 | 5 380 | 3 650 | *4 080 | 3 090 | 8.37 |
| | 1.5 | | | | | *10 230 | 7 130 | 7 280 | 4 820 | 5 250 | 3 540 | *4 360 | 2 990 | 8.45 |
| | 0 (Ground) | | | *4 830 | *4 830 | 11 000 | 6 870 | 7 090 | 4 650 | 5 160 | 3 450 | 4 520 | 3 040 | 8.25 |
| | -1.5 | *5 470 | *5 470 | *9 090 | *9 090 | 10 920 | 6 800 | 7 010 | 4 580 | 5 130 | 3 430 | 4 910 | 3 290 | 7.76 |
| -3.0 | *9 960 | *9 960 | *14 340 | 12 970 | *10 190 | 6 860 | 7 050 | 4 620 | | | 5 820 | 3 870 | 6.90 | |
| -4.5 | | | *11 210 | *11 210 | *8 090 | 7 070 | | | | | *6 220 | 5 370 | 5.52 | |

ZAXIS 210LC MONOBLOCK BOOM

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

| Conditions | Load point height m | Load radius | | | | | | | | | | At max. reach | | |
|--|---------------------|-------------|---------|---------|---------|---------|--------|--------|--------|--------|--------|---------------|--------|-------|
| | | 1.5 m | | 3.0 m | | 4.5 m | | 6.0 m | | 7.5 m | | | | meter |
| | | | | | | | | | | | | | | |
| Boom 5.68 m Arm 2.03 m Counterweight 4 850 kg Shoe 600 mm | 6.0 | | | | | *6 560 | *6 560 | *6 180 | 5 870 | | | *6 260 | 5 150 | 6.50 |
| | 4.5 | | | | | *7 870 | *7 870 | *6 570 | 5 740 | | | *6 200 | 4 290 | 7.27 |
| | 3.0 | | | | | *9 720 | 8 260 | *7 320 | 5 530 | 6 040 | 4 030 | 5 840 | 3 900 | 7.67 |
| | 1.5 | | | | | | | *8 000 | 5 340 | 5 960 | 3 950 | 5 680 | 3 780 | 7.75 |
| | 0 (Ground) | | | | | *11 270 | 7 750 | 8 120 | 5 220 | 5 910 | 3 910 | 5 880 | 3 890 | 7.54 |
| | -1.5 | | | | | *10 710 | 7 770 | *8 030 | 5 210 | | | 6 550 | 4 300 | 6.99 |
| -3.0 | | | *12 200 | *12 200 | *9 260 | 7 900 | *6 540 | 5 350 | | | *6 470 | 5 330 | 6.03 | |
| Boom 5.68 m Arm 2.42 m Counterweight 4 850 kg Shoe 600 mm | 6.0 | | | | | | | *5 730 | *5 730 | | | *5 760 | 4 910 | 6.74 |
| | 4.5 | | | | | *7 310 | *7 310 | *6 210 | 5 770 | | | *5 790 | 4 110 | 7.48 |
| | 3.0 | | | | | *9 180 | 8 330 | *7 010 | 5 540 | *6 030 | 4 020 | 5 610 | 3 740 | 7.87 |
| | 1.5 | | | | | *10 680 | 7 880 | *7 780 | 5 320 | 5 930 | 3 920 | 5 450 | 3 620 | 7.95 |
| | 0 (Ground) | | | | | *11 200 | 7 690 | 8 080 | 5 180 | 5 860 | 3 860 | 5 610 | 3 700 | 7.74 |
| | -1.5 | | | *9 900 | *9 900 | *10 870 | 7 670 | 8 040 | 5 140 | | | 6 190 | 4 060 | 7.21 |
| -3.0 | | | *13 180 | *13 180 | *9 690 | 7 780 | *7 130 | 5 230 | | | *6 640 | 4 930 | 6.28 | |
| -4.5 | | | | | *6 850 | *6 850 | | | | | *6 410 | *6 410 | 4.71 | |
| Boom 5.68 m Arm 2.91 m Counterweight 4 850 kg Shoe 600 mm | 6.0 | | | | | | | *5 200 | *5 200 | | | *4 030 | *4 030 | 7.32 |
| | 4.5 | | | | | *6 590 | *6 590 | *5 750 | *5 750 | *5 370 | 4 140 | *3 970 | 3 720 | 8.01 |
| | 3.0 | | | | | *8 500 | 8 480 | *6 620 | 5 590 | *5 730 | 4 040 | *4 080 | 3 420 | 8.37 |
| | 1.5 | | | | | *10 230 | 7 970 | *7 490 | 5 350 | 5 940 | 3 920 | *4 360 | 3 310 | 8.45 |
| | 0 (Ground) | | | *4 830 | *4 830 | *11 080 | 7 700 | *8 070 | 5 180 | 5 840 | 3 830 | *4 870 | 3 370 | 8.25 |
| | -1.5 | *5 470 | *5 470 | *9 090 | *9 090 | *11 050 | 7 630 | 8 000 | 5 110 | 5 810 | 3 810 | 5 550 | 3 650 | 7.76 |
| -3.0 | *9 960 | *9 960 | *14 340 | *14 340 | *10 190 | 7 690 | *7 560 | 5 140 | | | *6 220 | 4 300 | 6.90 | |
| -4.5 | | | *11 210 | *11 210 | *8 090 | 7 910 | | | | | *6 220 | 5 970 | 5.52 | |

LIFTING CAPACITIES

ZAXIS 210LCN MONOBLOCK BOOM

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

| Conditions | Load point height m | Load radius | | | | | | | | | | At max. reach | | meter |
|--|---------------------|-------------|--------|---------|--------|---------|--------|--------|-------|--------|-------|---------------|-------|-------|
| | | 1.5 m | | 3.0 m | | 4.5 m | | 6.0 m | | 7.5 m | | | | |
| | | | | | | | | | | | | | | |
| Boom 5.68 m Arm 2.03 m Counterweight 4 700 kg Shoe 500 mm | 6.0 | | | | | *6 560 | *6 560 | *6 180 | 4 860 | | | *6 260 | 4 250 | 6.50 |
| | 4.5 | | | | | *7 870 | 7 170 | *6 570 | 4 730 | | | *6 200 | 3 530 | 7.27 |
| | 3.0 | | | | | *9 720 | 6 670 | *7 320 | 4 530 | 5 860 | 3 310 | 5 670 | 3 200 | 7.67 |
| | 1.5 | | | | | | | *8 000 | 4 350 | 5 780 | 3 230 | 5 510 | 3 090 | 7.75 |
| | 0 (Ground) | | | | | *11 270 | 6 190 | 7 880 | 4 240 | 5 740 | 3 200 | 5 700 | 3 180 | 7.54 |
| | -1.5 | | | | | *10 710 | 6 200 | 7 870 | 4 230 | | | 6 350 | 3 510 | 6.99 |
| | -3.0 | | | *12 200 | 11 720 | *9 260 | 6 330 | *6 540 | 4 360 | | | *6 470 | 4 340 | 6.03 |
| Boom 5.68 m Arm 2.42 m Counterweight 4 700 kg Shoe 500 mm | 6.0 | | | | | | | *5 730 | 4 900 | | | *5 760 | 4 060 | 6.74 |
| | 4.5 | | | | | *7 310 | 7 250 | *6 210 | 4 760 | | | *5 790 | 3 390 | 7.48 |
| | 3.0 | | | | | *9 180 | 6 730 | *7 010 | 4 540 | 5 860 | 3 300 | 5 450 | 3 070 | 7.87 |
| | 1.5 | | | | | *10 680 | 6 310 | *7 780 | 4 330 | 5 760 | 3 200 | 5 290 | 2 950 | 7.95 |
| | 0 (Ground) | | | | | *11 200 | 6 120 | 7 840 | 4 190 | 5 680 | 3 140 | 5 440 | 3 020 | 7.74 |
| | -1.5 | | | *9 900 | *9 900 | *10 870 | 6 110 | 7 800 | 4 160 | | | 6 000 | 3 300 | 7.21 |
| | -3.0 | | | *13 180 | 11 500 | *9 690 | 6 210 | *7 130 | 4 240 | | | *6 640 | 4 010 | 6.28 |
| Boom 5.68 m Arm 2.91 m Counterweight 4 700 kg Shoe 500 mm | 6.0 | | | | | | | *5 200 | 4 970 | | | *4 030 | 3 590 | 7.32 |
| | 4.5 | | | | | *6 590 | *6 590 | *5 750 | 4 810 | *5 370 | 3 420 | *3 970 | 3 060 | 8.01 |
| | 3.0 | | | | | *8 500 | 6 870 | *6 620 | 4 580 | *5 730 | 3 310 | *4 080 | 2 800 | 8.37 |
| | 1.5 | | | | | *10 230 | 6 390 | *7 490 | 4 350 | 5 760 | 3 200 | *4 360 | 2 700 | 8.45 |
| | 0 (Ground) | | | *4 830 | *4 830 | *11 080 | 6 140 | 7 840 | 4 190 | 5 660 | 3 120 | *4 870 | 2 750 | 8.25 |
| | -1.5 | *5 470 | *5 470 | *9 090 | *9 090 | *11 050 | 6 070 | 7 760 | 4 120 | 5 630 | 3 090 | 5 380 | 2 970 | 7.76 |
| | -3.0 | *9 960 | *9 960 | *14 340 | 11 340 | *10 190 | 6 130 | *7 560 | 4 160 | | | *6 220 | 3 490 | 6.90 |
| Boom 5.68 m Arm 2.91 m Counterweight 4 700 kg Shoe 500 mm | 6.0 | | | | | | | | | | | *6 220 | 4 840 | 5.52 |
| | 4.5 | | | | | *6 590 | *6 590 | *5 750 | 4 810 | *5 370 | 3 420 | *3 970 | 3 060 | 8.01 |
| | 3.0 | | | | | *8 500 | 6 870 | *6 620 | 4 580 | *5 730 | 3 310 | *4 080 | 2 800 | 8.37 |
| | 1.5 | | | | | *10 230 | 6 390 | *7 490 | 4 350 | 5 760 | 3 200 | *4 360 | 2 700 | 8.45 |
| | 0 (Ground) | | | *4 830 | *4 830 | *11 080 | 6 140 | 7 840 | 4 190 | 5 660 | 3 120 | *4 870 | 2 750 | 8.25 |
| | -1.5 | *5 470 | *5 470 | *9 090 | *9 090 | *11 050 | 6 070 | 7 760 | 4 120 | 5 630 | 3 090 | 5 380 | 2 970 | 7.76 |
| | -3.0 | *9 960 | *9 960 | *14 340 | 11 340 | *10 190 | 6 130 | *7 560 | 4 160 | | | *6 220 | 3 490 | 6.90 |

ZAXIS 210 2-PIECE BOOM

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

| Conditions | Load point height m | Load radius | | | | | | | | | | At max. reach | | meter |
|---|---------------------|-------------|---------|---------|---------|---------|--------|--------|--------|--------|-------|---------------|---------|-------|
| | | 1.5 m | | 3.0 m | | 4.5 m | | 6.0 m | | 7.5 m | | | | |
| | | | | | | | | | | | | | | |
| 2-Piece Boom Arm 2.03 m Counterweight 4 850 kg Shoe 600 mm | 9.0 | | | | | | | | | | | *11 800 | *11 800 | 2.56 |
| | 7.5 | | | | | *7 440 | *7 440 | | | | | *6 640 | *6 640 | 5.17 |
| | 6.0 | | | *7 930 | *7 930 | *7 390 | *7 390 | *6 190 | 5 400 | | | *5 460 | 4 670 | 6.48 |
| | 4.5 | | | *11 500 | *11 500 | *8 450 | 8 180 | *6 360 | 5 440 | | | *4 980 | 3 860 | 7.25 |
| | 3.0 | | | *13 200 | *13 200 | *10 650 | *8 000 | *7 030 | 5 330 | 5 380 | 3 620 | *4 830 | 3 490 | 7.65 |
| | 1.5 | | | *15 440 | 14 300 | *11 170 | 7 920 | *7 470 | 5 120 | 5 300 | 3 550 | *4 910 | 3 380 | 7.73 |
| | 0 (Ground) | *11 090 | *11 090 | *17 350 | 13 720 | *11 190 | 7 480 | 7 410 | 4 890 | 5 230 | 3 490 | 5 220 | 3 480 | 7.52 |
| 2-Piece Boom Arm 2.42 m Counterweight 4 850 kg Shoe 600 mm | -1.5 | *19 550 | *19 550 | *17 650 | 13 430 | *11 410 | 7 250 | 7 240 | 4 740 | | | *5 320 | 3 860 | 6.97 |
| | -3.0 | *29 440 | *29 440 | *16 070 | 13 490 | *9 740 | 7 120 | | | | | *5 450 | 5 040 | 5.77 |
| | 9.0 | | | *9 080 | *9 080 | | | | | | | *8 690 | *8 690 | 3.19 |
| | 7.5 | | | | | *6 910 | *6 910 | | | | | *5 880 | *5 880 | 5.50 |
| | 6.0 | | | | | *6 990 | *6 990 | *5 790 | 5 500 | | | *4 960 | 4 430 | 6.74 |
| | 4.5 | | | *12 150 | *12 150 | *7 910 | *7 910 | *6 050 | 5 460 | | | *4 580 | 3 690 | 7.48 |
| | 3.0 | | | *13 680 | *13 680 | *10 080 | 7 990 | *6 700 | 5 330 | *5 310 | 3 650 | *4 470 | 3 340 | 7.87 |
| 2-Piece Boom Arm 2.91 m Counterweight 4 850 kg Shoe 600 mm | 1.5 | | | *15 360 | 14 180 | *11 060 | *7 930 | 7 430 | 5 150 | 5 310 | 3 550 | *4 560 | 3 220 | 7.95 |
| | 0 (Ground) | *12 330 | *12 330 | *17 110 | 13 810 | *11 080 | 7 520 | 7 370 | 4 890 | 5 200 | 3 450 | *4 890 | 3 290 | 7.74 |
| | -1.5 | *18 400 | *18 400 | *17 470 | 13 390 | *11 230 | 7 220 | 7 190 | 4 690 | | | 5 470 | 3 620 | 7.21 |
| | -3.0 | *24 600 | *24 600 | *16 730 | 13 330 | *10 350 | 7 010 | *5 930 | 4 670 | | | *4 930 | 4 440 | 6.25 |
| | 9.0 | | | | | | | | | | | *5 410 | *5 410 | 4.30 |
| | 7.5 | | | | | *6 080 | *6 080 | *5 050 | *5 050 | | | *4 420 | *4 420 | 6.20 |
| | 6.0 | | | | | *6 260 | *6 260 | *5 420 | *5 420 | | | *4 080 | 3 920 | 7.32 |
| 2-Piece Boom Arm 2.91 m Counterweight 4 850 kg Shoe 600 mm | 4.5 | | | *8 230 | *8 230 | *7 310 | *7 310 | *5 700 | *5 490 | *4 780 | 3 800 | *4 000 | 3 340 | 8.01 |
| | 3.0 | *10 970 | *10 970 | *14 280 | *14 280 | *9 160 | 8 030 | *6 330 | *5 360 | *5 030 | 3 740 | *3 990 | 3 050 | 8.37 |
| | 1.5 | *8 820 | *8 820 | *14 880 | *14 130 | *10 880 | 7 800 | *7 250 | 5 200 | *5 360 | 3 620 | *4 070 | 2 950 | 8.45 |
| | 0 (Ground) | *11 160 | *11 160 | *16 560 | 14 070 | *11 040 | 7 620 | *7 350 | 5 000 | 5 240 | 3 490 | *4 320 | 3 000 | 8.25 |
| | -1.5 | *15 150 | *15 150 | *17 320 | 13 470 | *11 110 | 7 270 | 7 250 | 4 740 | 5 150 | 3 400 | *4 840 | 3 250 | 7.76 |
| | -3.0 | *19 200 | *19 200 | *17 390 | 13 320 | *11 010 | 7 020 | 7 120 | 4 620 | | | *4 690 | 3 840 | 6.91 |
| | -4.5 | *20 970 | *20 970 | *12 840 | *12 840 | *7 180 | 7 060 | | | | | *7 000 | 6 900 | 4.57 |

ZAXIS 210LC 2-PIECE BOOM

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

| Conditions | Load point height m | Load radius | | | | | | | | | | At max. reach | | | | |
|--|---------------------|-------------|---------|---------|---------|---------|--------|--------|--------|--------|-------|---------------|--------|---------|---------|------|
| | | 1.5 m | | 3.0 m | | 4.5 m | | 6.0 m | | 7.5 m | | | | meter | | |
| | | | | | | | | | | | | | | | | |
| 2-Piece Boom Arm 2.03 m Counterweight 4 850 kg Shoe 600 mm | 9.0 | | | | | | | | | | | | | *11 800 | *11 800 | 2.56 |
| | 7.5 | | | | | *7 440 | *7 440 | | | | | | | *6 640 | *6 640 | 5.17 |
| | 6.0 | | | *7 930 | *7 930 | *7 390 | *7 390 | *6 190 | 5 940 | | | | | *5 460 | 5 150 | 6.48 |
| | 4.5 | | | *11 500 | *11 500 | *8 450 | *8 450 | *6 360 | 5 940 | | | | | *4 980 | 4 270 | 7.25 |
| | 3.0 | | | *13 200 | *13 200 | *10 650 | 8 750 | *7 030 | 5 820 | *5 400 | 4 010 | | | *4 830 | 3 870 | 7.65 |
| | 1.5 | | | *15 440 | *15 440 | *11 170 | *8 600 | *7 990 | 5 670 | *5 820 | 3 940 | | | *4 910 | 3 750 | 7.73 |
| | 0 (Ground) | *11 090 | *11 090 | *17 350 | 15 680 | *11 190 | 8 350 | *8 240 | 5 430 | *5 320 | 3 870 | | | *5 240 | 3 860 | 7.52 |
| | -1.5 | *19 550 | *19 550 | *17 650 | 15 380 | *11 410 | 8 100 | *8 010 | 5 270 | | | | | *5 320 | 4 290 | 6.97 |
| | -3.0 | *29 440 | *29 440 | *16 070 | 15 440 | *9 740 | 7 970 | | | | | | | *5 450 | *5 450 | 5.77 |
| 2-Piece Boom Arm 2.42 m Counterweight 4 850 kg Shoe 600 mm | 9.0 | | | *9 080 | *9 080 | | | | | | | | | *8 690 | *8 690 | 3.19 |
| | 7.5 | | | | | *6 910 | *6 910 | | | | | | | *5 880 | *5 880 | 5.50 |
| | 6.0 | | | | | *6 990 | *6 990 | *5 790 | *5 790 | | | | | *4 960 | 4 890 | 6.74 |
| | 4.5 | | | *12 150 | *12 150 | *7 910 | *7 910 | *6 050 | *5 930 | | | | | *4 580 | 4 080 | 7.48 |
| | 3.0 | | | *13 680 | *13 680 | *10 080 | 8 710 | *6 700 | 5 820 | *5 310 | 4 040 | | | *4 470 | 3 700 | 7.87 |
| | 1.5 | | | *15 360 | *15 360 | *11 060 | 8 540 | *7 650 | 5 680 | *5 680 | 3 940 | | | *4 560 | 3 580 | 7.95 |
| | 0 (Ground) | *12 330 | *12 330 | *17 110 | 15 780 | *11 080 | 8 380 | *8 150 | 5 430 | *5 840 | 3 840 | | | *4 890 | 3 660 | 7.74 |
| | -1.5 | *18 400 | *18 400 | *17 470 | 15 330 | *11 230 | 8 080 | *8 140 | 5 230 | | | | | *5 500 | 4 020 | 7.21 |
| | -3.0 | *24 600 | *24 600 | *16 730 | 15 270 | *10 350 | 7 860 | *5 930 | 5 210 | | | | | *4 930 | *4 930 | 6.25 |
| 2-Piece Boom Arm 2.91 m Counterweight 4 850 kg Shoe 600 mm | 9.0 | | | | | | | | | | | | | *5 410 | *5 410 | 4.30 |
| | 7.5 | | | | | *6 080 | *6 080 | *5 050 | *5 050 | | | | | *4 420 | *4 420 | 6.20 |
| | 6.0 | | | | | *6 260 | *6 260 | *5 420 | *5 420 | | | | | *4 080 | *4 080 | 7.32 |
| | 4.5 | | | *8 230 | *8 230 | *7 310 | *7 310 | *5 700 | *5 700 | *4 780 | 4 190 | | | *4 000 | 3 700 | 8.01 |
| | 3.0 | *10 970 | *10 970 | *14 280 | *14 280 | *9 160 | 8 740 | *6 330 | *5 830 | *5 030 | 4 130 | | | *3 990 | 3 390 | 8.37 |
| | 1.5 | *8 820 | *8 820 | *14 880 | *14 880 | *10 880 | 8 570 | *7 250 | 5 690 | *5 400 | 4 010 | | | *4 070 | 3 270 | 8.45 |
| | 0 (Ground) | *11 160 | *11 160 | *16 660 | 15 690 | *11 040 | 8 500 | *8 110 | 5 540 | *5 850 | 3 870 | | | *4 320 | 3 340 | 8.25 |
| | -1.5 | *15 150 | *15 150 | *17 320 | 15 420 | *11 110 | 8 130 | *8 180 | 5 270 | 5 840 | 3 790 | | | *4 840 | 3 620 | 7.76 |
| | -3.0 | *19 200 | *19 200 | *17 390 | 15 270 | *11 010 | 7 870 | *7 310 | 5 160 | | | | | *4 690 | 4 280 | 6.91 |
| -4.5 | *20 970 | *20 970 | *12 840 | *12 840 | *7 180 | *7 180 | | | | | | | *7 000 | *7 000 | 4.57 | |

ZAXIS 210LCN 2-PIECE BOOM

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

| Conditions | Load point height m | Load radius | | | | | | | | | | At max. reach | | | | |
|--|---------------------|-------------|---------|---------|---------|---------|--------|--------|--------|--------|-------|---------------|--------|---------|---------|------|
| | | 1.5 m | | 3.0 m | | 4.5 m | | 6.0 m | | 7.5 m | | | | meter | | |
| | | | | | | | | | | | | | | | | |
| 2-Piece Boom Arm 2.03 m Counterweight 4 700 kg Shoe 500 mm | 9.0 | | | | | | | | | | | | | *11 800 | *11 800 | 2.56 |
| | 7.5 | | | | | *7 440 | *7 440 | | | | | | | *6 640 | 6 070 | 5.17 |
| | 6.0 | | | *7 930 | *7 930 | *7 390 | *7 390 | *6 190 | 4 910 | | | | | *5 460 | 4 240 | 6.48 |
| | 4.5 | | | *11 500 | *11 500 | *8 450 | 7 530 | *6 360 | 4 950 | | | | | *4 980 | 3 500 | 7.25 |
| | 3.0 | | | *13 200 | 12 950 | *10 650 | 7 310 | *7 030 | 4 840 | *5 400 | 3 270 | | | *4 830 | 3 160 | 7.65 |
| | 1.5 | | | *15 440 | 12 820 | *11 170 | 7 140 | *7 990 | 4 640 | 5 820 | 3 200 | | | *4 910 | 3 050 | 7.73 |
| | 0 (Ground) | *11 090 | *11 090 | *17 350 | 12 030 | *11 190 | 6 720 | 8 120 | 4 420 | *5 320 | 3 140 | | | *5 240 | 3 140 | 7.52 |
| | -1.5 | *19 550 | *19 550 | *17 650 | 11 750 | *11 410 | 6 490 | 8 000 | 4 260 | | | | | *5 320 | 3 480 | 6.97 |
| | -3.0 | *29 440 | *29 440 | *16 070 | 11 810 | *9 740 | 6 360 | | | | | | | *5 450 | 4 530 | 5.77 |
| 2-Piece Boom Arm 2.42 m Counterweight 4 700 kg Shoe 500 mm | 9.0 | | | *9 080 | *9 080 | | | | | | | | | *8 690 | *8 690 | 3.19 |
| | 7.5 | | | | | *6 910 | *6 910 | | | | | | | *5 880 | 5 600 | 5.50 |
| | 6.0 | | | | | *6 990 | *6 990 | *5 790 | 5 010 | | | | | *4 960 | 4 020 | 6.74 |
| | 4.5 | | | *12 150 | *12 150 | *7 910 | 7 530 | *6 050 | 5 030 | | | | | *4 580 | 3 340 | 7.48 |
| | 3.0 | | | *13 680 | 12 910 | *10 080 | 7 330 | *6 700 | 4 900 | *5 310 | 3 300 | | | *4 470 | 3 020 | 7.87 |
| | 1.5 | | | *15 360 | 12 810 | *11 060 | 7 220 | *7 650 | 4 670 | *5 680 | 3 200 | | | *4 560 | 2 900 | 7.95 |
| | 0 (Ground) | *12 330 | *12 330 | *17 110 | 12 110 | *11 080 | 6 750 | 8 060 | 4 410 | 5 720 | 3 110 | | | *4 890 | 2 960 | 7.74 |
| | -1.5 | *18 400 | *18 400 | *17 470 | 11 710 | *11 230 | 6 460 | 7 960 | 4 220 | | | | | *5 500 | 3 250 | 7.21 |
| | -3.0 | *24 600 | *24 600 | *16 730 | 11 650 | *10 350 | 6 260 | *5 930 | 4 200 | | | | | *4 930 | 3 990 | 6.25 |
| 2-Piece Boom Arm 2.91 m Counterweight 4 700 kg Shoe 500 mm | 9.0 | | | | | | | | | | | | | *5 410 | *5 410 | 4.30 |
| | 7.5 | | | | | *6 080 | *6 080 | *5 050 | 4 970 | | | | | *4 420 | *4 420 | 6.20 |
| | 6.0 | | | | | *6 260 | *6 260 | *5 420 | 5 140 | | | | | *4 080 | 3 560 | 7.32 |
| | 4.5 | | | *8 230 | *8 230 | *7 310 | *7 310 | *5 700 | *5 070 | *4 780 | 3 450 | | | *4 000 | 3 020 | 8.01 |
| | 3.0 | *10 970 | *10 970 | *14 280 | 13 000 | *9 160 | 7 370 | *6 330 | 4 930 | *5 030 | 3 390 | | | *3 990 | 2 750 | 8.37 |
| | 1.5 | *8 820 | *8 820 | *14 880 | 12 810 | *10 880 | 7 120 | *7 250 | 4 770 | *5 400 | 3 270 | | | *4 070 | 2 650 | 8.45 |
| | 0 (Ground) | *11 160 | *11 160 | *16 560 | 12 360 | *11 040 | 6 850 | *8 000 | 4 520 | 5 760 | 3 140 | | | *4 320 | 2 700 | 8.25 |
| | -1.5 | *15 150 | *15 150 | *17 320 | 11 780 | *11 110 | 6 510 | 8 020 | 4 260 | 5 670 | 3 060 | | | *4 840 | 2 920 | 7.76 |
| | -3.0 | *19 200 | *19 200 | *17 390 | 11 640 | *11 010 | 6 270 | *7 310 | 4 150 | | | | | *4 690 | 3 450 | 6.91 |
| -4.5 | *20 970 | *20 970 | *12 840 | 11 670 | *7 180 | 6 300 | | | | | | | *7 000 | 6 170 | 4.57 | |



GREEN POWER
OPERATED PLANT HIRE

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