

ZAXIS Electric series

HITACHI

Reliable solutions

ZAXIS  ELECTRIC



Powering a sustainable future




In response to the growing demand for electric equipment to work on low or zero-emission job sites, Hitachi presents its new five-tonne battery-powered excavator. The ZX55U-6EB is the first Hitachi-branded model in this class, and follows on from the success of the eight-tonne ZE85 electric excavator*. It draws on the company's rich heritage as an electrical company, and its experience and expertise

in producing wired ultra-large excavators to mines around the world.

The new compact model will help you to work quietly and productively, operate effortlessly in small spaces, and perform efficiently with fewer maintenance requirements and less downtime than conventional diesel models.

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With the ZX55U-6EB , we take one step further on the road to zero emissions – an irreversible path that must lead to sustainable, low-carbon societies. And it underlines our commitment to minimising the environmental impact of our equipment and creating a sustainable future for all.

*The ZE85 was developed by EACP (European Advanced Construction Products GmbH), a joint venture between Hitachi Construction Machinery Co., Ltd and KTEG (Kiesel Technologie Entwicklung GmbH).



Emission-free performance

Our industry is changing, and quickly, as it moves towards zero-emission job sites. Your construction equipment not only has to be compliant with tougher environmental legislations, but also capable of performing productively to get the job done.

You can work continuously throughout the day with the new ZX55U-6EB, with a combination of battery-powered operation, using 39kWh lithium-ion batteries, and wired operation while charging from a CEE 400VAC 3-phase power source. The secure connection of the cable during wired operation is monitored by the rear camera for additional safety and peace of mind.

Low-noise operation

You can also work more quietly and with greater flexibility too. Reduced external sound levels enable the machine to operate extensively in residential urban areas with minimal noise disturbance to surrounding homes and businesses.

The noise within the cab is also reduced, providing operators with a comfortable working environment, in which air conditioning is included as standard.

Rated power	33 kW
Operating weight	5,330 kg
Battery capacity	39 kWh
Onboard charger output	22 kW
Charging inlet	CEE 400VAC 3-phase
Bucket ISO heaped	0.14 m ³
Sound level in cab (according to ISO 6396)	LpA 70 dB(A)
External sound level (according to ISO 6395 and EU Directive 2000/14/EC)	LwA 91 dB(A)





A perfect fit

You shouldn't have to compromise on machine size to comply with zero-emission regulations. With the new ZX55U-6EB, you don't have to. Inheriting the short tail swing of the diesel-powered ZX55U-6 model, it operates with exceptional manoeuvrability in confined areas.

Due to its compact size and zero-emission performance, the new model can work on a broad range of projects and locations, including urban construction, residential building, and waste material handling. Such versatility will boost utilisation and rental rates, helping to boost profitability for your business.

Overall length	5,520 mm
Overall width	2,000 mm
Overall height	2,620 mm
Rear-end swing radius (battery/wired)	1,100/1,860 mm

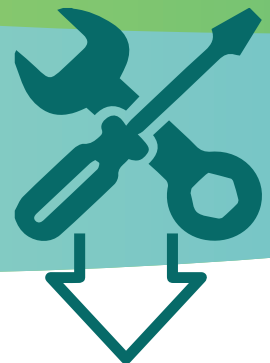


Reduced running costs

Look forward to lower service and maintenance costs, and minimal downtime, with the new ZX55U-6EB. Compared to a diesel engine, electric batteries have fewer consumable parts requiring regular replacement. Without the use of engine oil, for example, servicing at every regular intervals of 500 hours is simply not required.

With fewer serviceable components, you'll spend less time on daily inspections, and more time on the job at hand.

Battery-powered excavators such as the ZX55U-6EB are also proven to be more reliable. This brings you maximum uptime and ultimate peace of mind to ensure your projects are completed successfully on schedule.







Manage your machine

Hitachi offers a wide range of after-sales services to help you feel in total control of your fleet and workload. These initiatives give you access to vital data and tools to manage your machine.

Remote monitoring systems Owner's Site and ConSite send operational data daily via GPRS or satellite from your excavator to www.globaleservice.com. This includes: ratios of operating hours to enhance efficiency; battery state

of charge; and machine location for planning purposes. ConSite summarises the information in a monthly email.

The ConSite Pocket App sends you real-time alerts for issues arising with your machine. You'll receive recommendations on what to do and step-by-step help guides. The app also enables you to see the location of your fleet.



Protect your investment

If your machine will be working in severe conditions, or you want to minimise repair costs, you can take advantage of a unique extended warranty programme called HELP (Hitachi Extended Life Program) and comprehensive service contracts. These can help to optimise performance, reduce downtime and ensure a higher resale value.

We apply the same technological expertise to our wide range of high-quality parts as we do our machines. As a result, you can minimise unscheduled downtime and ensure maximum availability.

The parts range includes Hitachi Genuine Parts, Performance Parts, filters, undercarriages, and remanufactured

components. We also offer ground engaging tools and buckets, which have been manufactured to the same exacting standards.

As your business grows, you may need to extend your fleet to meet the demands of new contracts. Why not try before you buy with the Hitachi Premium Rental programme? This gives you immediate access to the latest Hitachi models for a period of one month to a year.

Along with the reliability, quality and service you would expect from the Hitachi brand, Hitachi Premium Rental offers flexible contracts and fixed costs that make it easier for you to budget.







GET more from your machine

Designed to work in perfect harmony with your machine, Hitachi buckets and ground engaging tools (GET) will increase your profit by maximising productivity and uptime. Manufactured to the same high standards as all Hitachi construction equipment, they offer unrivalled reliability and exceptional performance.

Buckets

You can increase the versatility of your excavator by choosing the right bucket for the job. For loading light materials or heavy-duty work, Hitachi buckets can be customised to meet your needs. You have a wide range of options to choose

from – including digging buckets and ditch-cleaning buckets in GD and HD versions, with different capacities and widths – and quick coupler connections such as CW, pin grabber and S-coupling are also available.

Ground engaging tools

You can enhance the digging power and productivity of your excavator with Hitachi GET. Quick and safe to install and replace, they fit precisely to your attachments and can be tailored to suit the task. Using Hitachi GET can reduce your maintenance costs and downtime, lower energy consumption and enhance the overall performance of your machine.



In control of your world

When you take delivery of a Hitachi machine, you become part of the latest generation of a global family. With a 50-year heritage in designing hydraulic excavators, and a reputation as the industry's leading mining machine manufacturer, the Hitachi network will give you access to a range of exceptional construction equipment.

Hitachi excavators, wheel loaders, rigid dump trucks and special application machines incorporate advanced technology and pioneering expertise. Made at state-of-the-art facilities, they are built to the highest standards. You'll

also benefit from market-leading services and initiatives, such as Premium Rental and Premium Used, which have been created to enhance your experience as a Hitachi customer.

Whatever vision you wish to create, Hitachi has the product, people, solutions and services you need to make it become a reality – and empower you to take control of your world.



