

Hitachi extends new -6 range of construction machinery

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Hitachi Construction Machinery (Europe) NV (HCME) has introduced the latest phase of Zaxis-6 excavators and ZW-6 **wheel loaders**. They have been designed and engineered using market-leading Hitachi technology in Japan to meet the demands of European customers.

The new models share high-quality design elements and materials, reliable and durable components, and have been designed to offer outstanding versatility. They have been launched under HCME's "No compromise" marketing campaign – which emphasises how owners can "demand more" from the new Hitachi -6 products, including the lowest possible cost of ownership.

Zaxis-6 crawler excavators

The Zaxis-6 range of **crawler excavators** includes five new medium excavators, from the ZX130-6 to the ZX210LC-6, and two new large excavators, the ZX690LCH-6 and ZX890LCH-6. Also introduced are the new ZX240LCN-6 (a narrow undercarriage makes it easier to transport on smaller roads) and the short-tail swing models, ZX135US-6 and **ZX225USLC**/USRLC-6 (ideal for working in confined spaces).

These models incorporate more than 200 redesigned features and enhanced components. To comply with EU Stage IV regulations, they are highly efficient and have a smaller impact on the environment than previous versions. They are equipped with a unique Hitachi hydraulic system, which reduces total hydraulic loss and helps to lower fuel consumption by up to 12% (ZX190LC-6 in ECO mode).

They are also fitted with an after-treatment device that results in fewer emissions. Noise levels are also reduced by the device, which consists of a DOC, SCR system and silencer. The SCR system injects urea through a mixing pipe into the exhaust gas to reduce nitrous oxide.

Other updates include the in-cab console, made of highly durable AES-grade resin that resists damage from UV rays, durable connections on the hydraulic return pipes to reduce oil leaks, wide opening engine covers for easy access, and reinforced covers on the platform walkway for safety.

Zaxis-6 wheeled excavators

Hitachi has also launched four new Zaxis-6 wheeled excavators, including the new short-tail swing model, ZX145W-6. These machines have been designed with more than 100 updates, from tiny seals and O-rings to the reinforcement of the upper structure, boom and arm, and new Stage IV technology engines. These improvements combine to provide better performance and increased efficiency.

They share an improved hydraulic system that helps to lower fuel consumption and proven after-treatment technology to comply with the latest emission regulation requirements. They also offer the same exceptional versatility as Zaxis-6 crawler excavators with an attachment support system for the easy fitting of different attachments. The solid and reliable undercarriages, modular in design, also enhance their flexibility. For greater durability, the Zaxis-6 wheeled excavators have reinforced, larger cylinder covers, and high ground clearance to reduce damage from obstacles.

ZW-6 wheel loader

The latest ZW-6 wheel loader to be presented is the ZW180-6. It has been designed to provide exceptional all-round visibility, thanks to the repositioned exhaust pipe and air intake and curved engine hood, and with a standard rear-view camera and monitor. Easy to use and smooth to operate, it offers a high level of comfort and is one of the quietest on the market.

With substantial loading capacity, powerful digging force and impressive travel speeds, it is also extremely fuel efficient. Its Stage IV-compliant engine contains a high-volume, cooled exhaust gas recirculation (EGR) system, a common rail-type fuel injection system and a diesel oxidation catalyst (DOC). This helps to reduce fuel costs and maintenance requirements.

Burkhard Janssen, General Manager, Product Management & Engineering at HCME, says: "We are proud to introduce the latest phase of -6 machines to our customers. These models have been developed to perfection in Japan, using market-leading technology, to meet the needs of the European construction industry and offer the lowest possible cost of ownership."

Source: Red International Communication

CRAWLER EXCAVATORS

WHEELED EXCAVATORS