

Hitachi ZX400MC-7 excavator takes demolition to next level

To maximise efficiency, uptime and safety on demolition projects, Hitachi is introducing the ZX400MC-7 at this year's Bauma exhibition. The multi-carrier model is based on a Hitachi ZX350LC-7 standard excavator, with Zaxis-7 technology and Stage V-compliant engine. This is one of three new special application machines developed exclusively with German company KTEG, part of the EAC (European Application Center) joint venture with Hitachi Construction Machinery, Co., Ltd in Japan.

Built to meet the requirements of all demolition projects, it is supplied with up to four front attachments, including a monoboom, two-piece boom, and high-reach demolition front of 21m or 24m. This means it can complete the tasks of several machines on site, which simplifies planning, and minimises costs for transport and personnel.

Fit for purpose to boost profit

The ZX400MC-7 will boost profits for owners by enhancing efficiency on every demolition project. It is equipped with a full hydraulic control system, suitable for use with all hydraulic attachments. Both the boom and attachment can be changed quickly and conveniently from the operator's seat thanks to Boom Quick Connect and Tool Quick Connect technology. This allows it to be ready for work in minutes.

Having the flexibility to choose between booms enables operators to work with the optimum attachment for the job, ensuring a better performance. The triple boom cylinder, extendable undercarriage for 360-degree working, and a longer track frame, also enhance the versatility of the ZX400MC-7.

Prioritising safety

The especially reinforced demolition cab of the ZX400MC-7 is equipped to keep operators safe while carrying out demolition work in challenging environments. The FOPS level 2 and front window protection, plus P5A glass, for example, will protect the operator from falling debris.

The operator has excellent visibility thanks to the tilting cab (to an angle of 30 degrees). Camera systems show multiple views from the cab, including of the attachment, side and rear of the machine, and a 270-degree view of the surrounding environment. Safe working and stability are ensured by the load moment indicator and alarm system, as well as the extendable undercarriage and additional counterweight.

Durable for demolition

Uptime is maximised by the exceptional durability and reliability of the ZX400MC-7. The upper structure has side protection and a reinforced underside for additional robustness. The machine also has bucket cylinder protection and reinforced travel drive covers to protect it in challenging working conditions.

In addition, all the ZX400MC-7's main components and spare parts are supplied by Hitachi, renowned for its dedication to quality and reliability. All modifications to the standard Zaxis-7 model are approved by Hitachi's quality assurance team, and the new model is covered by Hitachi warranty and service programmes.

"There is a large demand for 40-tonne-class tool carriers in Europe, so we are delighted to introduce this new model to the European market," says Burkhard Janssen, Product Manager Special Applications and New Technologies at Hitachi Construction Machinery (Europe) NV.

"The ZX400MC-7 will save our customers time and money, reducing the number of machines they need to send to a demolition site, and it will improve performance and safety for operators. We look forward to unveiling it at Bauma in October."