

CASE Construction Equipment and ZQUIP concept excavators offer limitless power

MUNICH – April 7, 2025 – ZQUIP, part of Moog Construction, and CASE have collaborated to bring the CASE CX210ZQ and CASE WX155ZQ concept excavators to Bauma 2025 to showcase how traditional diesel-hydraulic machinery can become zero-emissions machines with swappable energy modules that eliminate concerns about battery range. Moog engineers “Zquip” a machine by removing its diesel engine and installing a modular conversion kit containing one, two, three or more energy modules.

ZQUIP will operate the WX155ZQ wheeled excavator at its stand (FN.921/1) along with several ZQUIP energy modules to demonstrate swapping and fast charging. ZQUIP will also present its newly developed hybrid module. The hybrid module enables a ZQUIP machine to operate as zero-emissions or hybrid, depending on the job and grid availability. The operator controls this option from the cab, significantly improving the use of a ZQUIP machine.

“We’re focused on giving OEMs, dealers, and vehicle owners a choice in running the type of vehicle they want,” said Rob Bauer, engineering manager for ZQUIP. “ZQUIP’s value, in part, is enabling the construction industry to use any type of power--electric, diesel, hydrogen fuel cell, hydrogen ICE, or whatever the future holds.”

CASE will display the CX210ZQ tracked excavator at stand FM.714/9. The CX210ZQ and WX155ZQ are not the first collaboration between CASE and Moog, which have been working together since 2019. In 2024, CASE released its 580EV, the industry’s first production-ready, purpose-built electric backhoe loader, which relies on Moog’s TerraTech platform for electric motion control.

“Our work with ZQUIP and Moog is about innovating the way job sites and construction vehicles operate for the betterment of everyone,” said Franco Invernizzi, vice president and global head of CNH CE Strategy. “The CX210ZQ and WX155ZQ models complement the electric offering we have available today, focused on the compact segment. The ZQUIP solution allows us to quickly expand our reach to those customers that have a need for larger, zero-emission heavy equipment.”

ZQUIP’s Netherlands facility converted a CASE CX210 and WX155 from diesel-hydraulic to electric-hydraulic powered versions. Vehicle owners can contact their local CASE dealer or ZQUIP today to discuss how to buy these CASE ZQ machines.

“We can convert virtually any make or model of diesel-hydraulic construction vehicle in the world,” said Holger Pietzsch, director of business development for ZQUIP. “Whether you’re an OEM, dealer, or construction company owner, these concept vehicles prove off-highway machines can run on swappable energy modules not unlike the way consumers power a variety of rechargeable hand tools.”

CASE dealer Schmidt Bouwmachines has begun taking orders from customers for ZQUIP machines in the Netherlands. When Bauma concludes, Netherlands-based construction firm Dunnewind Groep will take possession of the WX155ZQ.

“We’ve successfully gone from concept to prototype and are now delivering these units to customers. There is still plenty of additional work to be done, though,” said Chris LaFleur, managing director of ZQUIP. “But we’ve solved the engineering challenges to create an entirely new world of construction, independent of which way future power needs take the industry.”

About CASE

CASE Construction Equipment sells and supports a full line of construction equipment around the world, including backhoe loaders, excavators, motor graders, wheel loaders, vibratory compaction rollers,

crawler dozers, skid steers, compact track loaders and rough terrain forklifts. Through CASE dealers, customers have access to a true professional partner with world-class equipment and aftermarket support, industry-leading warranties and flexible financing. More information is available at www.CASEce.com.

CASE Construction Equipment is a brand of CNH Industrial N.V. (NYSE: CNH) a world-class equipment, technology and services company. More information about CNH can be found online at www.cnh.com

About ZQUIP

ZQUIP--a part of Moog Inc (NYSE: MOG.A and MOG.B), which is a worldwide designer, manufacturer, and systems integrator of high-performance precision motion and fluid controls and control systems--is leveraging Moog's leadership to protect and advance humankind by building a new future for construction machines and sites. For more, visit www.ZQUIP.tech or <https://www.linkedin.com/company/ZQUIP/>

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