

PRESS RELEASE

Vensys Group and ZQUIP to convert diesel-powered *off-highway* vehicles into zero-emissions machines

Paris, January X, 2025 – 6:00 p.m. CEST – Vensys Group, a specialist in electrohydraulic solutions for agriculture and construction, and **ZQuip**, an innovator in modular zero-emissions systems for off-highway and industrial applications, have signed an agreement to convert diesel off-highway vehicles into zero-emissions equipment for the French market.

Vensys Group and its subsidiary Hydrokit will market ZQuip conversions and retrofit kits suitable for construction site machinery, such as excavators and wheel loaders, with ZQuip, which will provide the design and development of conversions and energy modules.

Vensys Group is speeding up the decarbonization of off-highway vehicles with Hydrokit, its subsidiary expert in electrohydraulic solutions, and In Situ, its engineering company experienced in decarbonization.

Vensys Group supports OEMs in the design of 100% electric and hybrid transmissions and in electrohydraulic solutions up to 800Vdc, until the series launch of projects by manufacturers. The group's capabilities allow both the supply of solutions in the form of kits and the production of complete machines in Vensys' workshops.

Leveraging its engineering expertise, Vensys Group offers retrofit solutions as kits to be integrated into used internal combustion vehicles. These kits – defined following multi-physics numerical simulations – integrate a set of optimized elements including the motor, energy module harness, the lithium-ion battery system, and its Battery Management System (BMS), the charger and the on-board computer. The integration within the vehicle is then calculated to optimize performance and safety during operations.

This collaboration with ZQuip enables Vensys Group to accelerate its development in the decarbonization of mobile machinery with turnkey solutions for OEMs of off-highway vehicles whose market is quickly growing.



ZQuip is part of Moog Inc., a global leader in motion control and electrified systems. ZQuip is a modular energy system that makes it easier and less risky for fleet owners and OEMs to integrate zero-emissions energy solutions into off-highway applications. At the heart of the ZQuip solution are its energy modules, which are interchangeable across any make or model of ZQuip machine, as well as capable of running off-machine as a zero-emission energy storage system (ESS). ZQuip has leveraged Moog's 74-year history of innovation and engineering excellence with motion control and electric systems in the aerospace, industrial, and defense industries. This unique offering from Vensys Group and ZQuip is an ideal solution to meet the zero emission needs of off-highway sites and fleets.

About Vensys Group

Vensys Group gathers 300 employees and develops a global electrohydraulic and decarbonation offer for the original and aftermarket markets. The complementarity and synergy between its various subsidiaries make it possible to master all the needs in the fields of electrohydraulics and decarbonation to offer each of its customers a personalized solution, meeting performance and safety requirements.

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About ZQuip

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

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