

PRESS RELEASE

bauma 2022: Zeppelin Power Systems informs about drive systems of the future for the construction industry

Drive systems for the off-highway sector

Hamburg, 31.08.2022. At the world's leading trade fair for construction machinery, construction materials machinery, mining machinery, construction vehicles and construction equipment, Zeppelin Power Systems will be providing advice on drive systems and services. At booth 336 in hall A4, the team of experts will present high-performance diesel engine technology for EU emission stage V and showcase the Caterpillar C3.6 IOPU, C7.1, C9.3B, C13B and C18 engines. Zeppelin Power Systems is also working on a prototype of a hydrogen-based mobile fuel cell power unit. This is based on a polymer electrolyte membrane (PEM) fuel cell that generates energy with hydrogen and is used in combination with an energy storage system (battery). In addition to CO₂ emissions, nitrogen oxides, fine dust as well as noise and vibrations are avoided.

Increased performance and fuel flexibility of Stage V engines.

All off-road engines offered by Zeppelin Power Systems comply with global emissions standards and feature diesel particulate filter technology, among other features. The reliable technology of the Stage V engines includes a sophisticated system for exhaust gas aftertreatment. The new generation of C9.3B and C13B diesel engines impress with reduced fuel consumption and significantly higher power output than their predecessors. All drive systems are 100% HVO (hydrogenated vegetable oil) compatible without further modifications and can also be run on a bio-diesel admixture.

All-round services from Zeppelin Power Systems

As a full-service provider, Zeppelin Power Systems provides all maintenance and repair services for drive systems and, with the help of its global dealer network, ensures that the required spare parts are in the right place at the right time. The company puts together individual service packages for customers in modular service contracts and enables failure-free operation of the motors through its 24/7 service hotline. With highly qualified and well-equipped service technicians, Zeppelin Power Systems carries out maintenance and repair work in the field at customer sites. Condition-related repairs to engines are performed at the company's modern engine repair facility in Achim. The company's specialties also include the overhaul of components such as injection pumps, turbochargers, cylinder heads as well as engine blocks.

Zur Veröffentlichung, honorarfrei. Belegexemplar oder Hinweis erbeten.

About Zeppelin Power Systems

Zeppelin Power Systems is the official partner of Caterpillar for Cat and MaK engines and a leading provider of drive, propulsion, traction and energy systems and has been partnering with Caterpillar for more than 70 years. With over 1,000 employees, Zeppelin Power Systems offers its customers individual, highly efficient system solutions with comprehensive services for industrial and marine applications, the oil and gas industry, rail vehicles and power generation. Digital products for all segments as well as system components and solutions for ballast water treatment complete the portfolio.

About the Zeppelin Group

The Zeppelin Group offers solutions in the construction industry, drive and energy systems, engineering and plant engineering. The Group provides customers with expertise in a number of areas, from the distribution and service of construction, mining, forestry and agricultural machinery, through rental and project solutions for the construction sector and industry as a whole, to drive and energy systems as well as engineering and plant engineering and enhances its offering with digital capabilities in all areas. Zeppelin is represented at more than 340 sites in 43 countries and regions worldwide. In the 2021 financial year, the Group workforce comprised almost 11,000 employees, which generated sales of EUR 3.7 billion. The Group organizes its activities into six strategic business units (Construction Equipment Central Europe, Construction Equipment Nordics, Construction Equipment Eurasia, Rental, Power Systems, and Plant Engineering) and the Zeppelin Digit Strategic Management Center. Zeppelin GmbH is the Group holding company. It is legally domiciled in Friedrichshafen and has its head office in Garching near Munich. The Zeppelin Group is a foundation-owned company. Its roots can be traced back to the establishment of the Zeppelin Foundation by Graf Ferdinand von Zeppelin in 1908. For more information, visit zeppelin.com.

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