

Liebherr and Cummins cooperate in power generation

- Liebherr provides G9512 gas engines and control systems for the new Cummins generator series C25G
- Liebherr gas engines for natural gas and biogas applications in 60Hz/ 50Hz markets

Nussbaumen (Switzerland), March 3, 2020 – The Liebherr Components Division and Cummins Inc. start a cooperation in power generation. For the Cummins new C25G gas generator series, Liebherr will provide fully equipped gas engines, which comprise ignition and control systems for natural gas and biogas applications in 50Hz and 60Hz markets.

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The G9512, a 12-cylinder gas engine with 25 liters displacement, is developed and manufactured at the Liebherr facility in Bulle (Switzerland). The engine is the basis for the new Cummins C25G gas generator series. The latter will cover 500 kW@50Hz and 580 kW@60 Hz for combined heat and power (CHP/CCHP).

Within the scope of supply, Liebherr-Components AG also delivers a control system to secure easy and reliable integration of the engine equipment into the C25G generator series. These systems are developed and assembled at the Liebherr facility in Biberach (Germany).

“A significant number of units are targeted to be in the field within the coming years. This will be a strong contribution to reduce CO₂ emissions worldwide by using overall high-efficiency equipment, which, complementary to renewable energy sources, will provide and support a stable energy supply”, explains Alejandro Held, Sales Director Power Generation at Liebherr-Components AG.

Liebherr expects to supply the first engine units already in 2020. Prototype and pre-series units have been tested commonly at Cummins facilities in the UK to validate the generator set configurations also in accordance with Grid Codes Compliance Standards.

“The new cooperation will enable us to not only serve the market with gensets and offer start-up, commissioning, preventive and corrective maintenance, but also handling of warranty based on the extended Cummins service network world-wide”, said Chris Downs, Cummins Energy Management Marketing Leader.

This new collaboration between Cummins and Liebherr is one more example of a long-lasting partnership. For more than three decades, Liebherr has been using Cummins turbochargers. Furthermore, many Liebherr machines, such as material handling and earthmoving machines, as well as mobile cranes are equipped with Cummins engines that complement Liebherr engine portfolio.

Captions

G9512 gas engines by Liebherr for the new Cummins C25G gas generator series.

About Cummins Inc.

Cummins Inc., a global power leader, is a corporation of complementary business segments that design, manufacture, distribute and service a broad portfolio of power solutions. The company’s products range from diesel, natural gas, electric

and hybrid powertrains and powertrain-related components including filtration, aftertreatment, turbochargers, fuel systems, controls systems, air handling systems, automated transmissions, electric power generation systems, batteries, electrified power systems, hydrogen generation and fuel cell products. Headquartered in Columbus, Indiana (U.S.), since its founding in 1919, Cummins employs approximately 61,600 people committed to powering a more prosperous world through three global corporate responsibility priorities critical to healthy communities: education, environment and equality of opportunity. Cummins serves its customers online, through a network of company-owned and independent distributor locations, and through thousands of dealer locations worldwide and earned about \$2.3 billion on sales of \$23.6 billion in 2019. See how Cummins is powering a world that is always on by accessing news releases and more information at <https://www.cummins.com/always-on>.

About the Liebherr Group

The Liebherr Group employs over 46,000 people in more than 130 companies across all continents. In 2018, Liebherr achieved a total consolidated turnover of more than 10.5 billion euros. As a global family-run technology company, the Group is one of the world's largest manufacturers of construction machines and is recognised for developing technically advanced and user-oriented products and services. Liebherr was founded in Kirchdorf an der Iller in southern Germany in 1949.

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