

ENDRESS CHOOSES FPT INDUSTRIAL TO POWER ITS FUTURE AT BAUMA 2019

Turin, April 9, 2019

FPT Industrial is off to a successful start at Bauma 2019 - the International Construction Machinery fair. **Endress**, one of its partners in the power generation segment, is showing the N67 200 kW Stage V engine **powered by FPT Industrial** at its booth (FN825/1 in the outdoor exhibition area).



POWERED BY 

Endress, based in Germany, has **developed and produced power generators for international markets since 1914**. Being the leading manufacturer in its sector, it distinguishes itself through its mobile and stationary power generators, energy storage units and lighting pole systems. Endress, part of **Prettl Produktions Holding GmbH**, a German group of companies, is active in the automotive, energy, electronics, components & systems and strategic build-up industries.

Both FPT Industrial and Endress share the same values of **developing both products in response to customer needs and tailor-made solutions for all missions**. Being at the forefront of innovation and sustainability, FPT Industrial has worked on finding an effective solution to meet the requirements of the new emission regulations without impacting the genset's layout. This resulted in **HI-eSCR2**, the Brand's innovative after-treatment patented solution, already successfully used in other applications, and also available for the Power Generation segment.

**FPT**
INDUSTRIAL

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A **key focus at the exhibition is the N67 200 kW Stage V engine**, fitted with the renowned and patented HI-eSCR2 after-treatment system. It is installed on a genset frame, which has the **same dimensions as an unregulated model**. In addition to ensuring compliance, the N67 200 kW Stage V provides best-in-class power density, durability and reliability. It also offers **easy maintenance** and features long oil service intervals (up to 600 hrs). This “fit and forget” maintenance, plus the high fuel efficiency of the engine, significantly reduce the Total Cost of Ownership. As the engine is also EGR-free, no changes were needed to the cooling package.

The N67 200 kW provides **best-in-class uptime**, and requires **very easy installation**: the **after-treatment pack is a preassembled solution which enables lean application**. Moreover, being **EGR-free** it does not need additional cooling nor maintenance when compared to the Brand's current Stage IIIA products. Furthermore, it is extremely flexible since it can be installed both horizontally and vertically, front and top engine mounted. This EGR-free system and the Waste Gate turbocharger also positively affect the Total Cost of Ownership (TCO), providing both high fuel efficiency and low fuel consumption. The HI-eSCR2 not only functions as an emission device, but also as a silencer that further reduces noise when compared to current Stage IIIA FPT Industrial products. As for emissions, the Stage V legislation, which became mandatory at the beginning of 2019, requires a **NO_x reduction of 90% and a PM decrease of 93%**, enhanced by the introduction of a Particulate Number limit. This technology is delivering these reductions. Its reliability is proven by FPT Industrial's over **25 years of experience in SCR solution development and over one million units sold**. Furthermore, FPT Industrial's Stage V solution is switchable: it can be used in compliance with both Tier 4 Final emission regulations and Stage V.

The collaboration with FPT Industrial provides Endress with the possibility to supply clients in all markets, both regulated and unregulated, and paves the way for growth in Latin America.

N67 200kW Stage V Specifications

Displacement: 6.7 liters

Features: 6-cylinder in-line

Stand-by Power (Gross Power): 200 kW @1,500 rpm

Exhaust System: Hi-eSCR2

Emissions: Stage V

FPT Industrial is a brand of CNH Industrial, dedicated to the design, production and sale of powertrains for on and off-road vehicles, marine and power generation applications. The company employs more than 8,000 people worldwide, in ten manufacturing plants and seven R&D Centres. The FPT Industrial sales network consists of 73 dealers and about 800 service centres in almost 100 countries. A wide product offering, including six engine ranges from 42 hp up to 1,006 hp, transmissions with maximum torque of 200 Nm up to 500 Nm, front and rear axles from 2 to 32 ton GAW (Gross Axle Weight). FPT Industrial offers the most complete Natural Gas engines line-up on the market for industrial applications,

including engine ranges from 136 hp up to 460 hp. This extensive offer and a close focus on R&D activities make FPT Industrial a world leader in industrial powertrains. For further information, visit www.fptindustrial.com.

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