

FPT INDUSTRIAL TAKES THE SUSTAINABLE FUTURE TO THE SHOW RURAL COOPAVEL 2023

The NEF Series natural gas engine presented in Cascavel (PR), Brazil, is compatible with CNG, LNG and biomethane: the performance of diesel, with reduced costs and emissions

Original Reman FPT extends the useful lifetime of used engines, reducing operating costs and promoting the circular economy in agribusiness

A leading brand in the design of sustainable powertrain solutions, FPT Industrial is reinforcing its commitment to the agricultural sector at the Show Rural Coopavel 2023, one of the industry's main events in South America. The Iveco Group brand will be in Cascavel (PR) from February 6th to 10th, bringing agricultural engine solutions that promote efficiency and productivity in the sector. At the Case IH stand, the NEF Series engines for agricultural machinery will be presented, in diesel and natural gas versions, and factory remanufactured by FPT Industrial, with the Original Reman FPT. In partnership with Futurjet, the N45 engine, which equips the manufacturer's sprayers, will also be on display.

In the power generation segment, FPT Industrial will also be exhibiting its G-Drive N67TM6, previously introduced at Sudoeste Geradores, and the G-Drive N45TM6, on display at Ceraça and Bambozzi.



Functional NEF Series Engine: Original Reman FPT Industrial option

Marco Rangel, President of FPT Industrial for Latin America, points out that the brand's presence at the Show Rural Coopavel 2023 will further connect the brand with the agriculture industry, one of the main drivers of the Brazilian economy. *"In alignment with our partners, we are focusing on strengthening the operations of small- to medium-sized producers, focusing on*

maximum productivity, without neglecting cost savings and new alternatives such as biomethane, natural gas and Original Reman, strengthening the circular economy in agriculture,” says Rangel.

In Brazil, one out of every three tractors and one out of every two harvesters sold is powered by FPT Industrial. Our engines are developed so that customers can choose the most efficient alternative for their business, with the best technology. The solutions aim to maximize engine performance by application, with reduced fuel consumption, longer maintenance intervals, and lower operating costs.

FPT INDUSTRIAL PORTFOLIO - INNOVATION, TECHNOLOGY AND SUSTAINABILITY

With best-in-class power and torque performance, fuel efficiency and reliability, the NEF Series engines equip tractors, combines and sprayers and stand out for their flexibility, with a wide range of customizations, in four-cylinder (N45) and six-cylinder (N67) configurations. The reliability of the NEF Series is proven by over 2 million units produced, used in over 1,800 applications worldwide.

Legendary in the off-road segment, the N45 engine provides excellent power and torque density. With 4.5 liter displacement and up to 142 hp of maximum power, it allows for optimized maintenance, which results in outstanding productivity in the field and minimized operating costs.



N67 NG

The natural gas version of the NEF Series for agricultural applications is represented by the N67 NG, a 6-cylinder engine suitable for CNG, LNG and biomethane, allowing for a sustainable operation cycle. With equivalent performance to the diesel version in terms of power, torque,

durability and maintenance, it features a maximum power output of 245 hp and 1,035 Nm of torque.

FPT Industrial's natural gas engine concept uses stoichiometric combustion technology to ensure best-in-class fuel consumption and lower noise levels than diesel, reducing costs compared to traditional equivalents, as well as reducing carbon emissions from agricultural operations.

“The NEF Series gas engines offer all the benefits of Diesel engines, including proven reliability, a TCO competitive with Diesel at lower costs, and what’s more, biomethane can be generated as a renewable fuel from organic waste, reducing CO₂ emissions to net zero,” says **Edinilson Almeida**, Product Marketing Specialist at FPT Industrial.

When the requirement is for power generation, FPT Industrial's N45TM6 and N67TM6 G-Drives combine performance and reliability, with high power density, in addition to low maintenance costs, and the benefits from local manufacturing.

ORIGINAL REMAN FPT: ECONOMY AND SUSTAINABILITY IN THE FIELD

Aware of its role in providing the powertrain solutions of the future, FPT Industrial promotes circular economy in agriculture with the Original Reman remanufactured engines line. The factory-certified process, with a one-year warranty, guarantees a comprehensive after-sales solution offer to cover the entire engine lifespan. While maintaining the performance and consumption of a new engine, it offers upgraded components, reduced TCO with lower operating costs, and ensures an extended lifecycle for agriculture equipment.



NEF Long Block Series Engine

Original Reman offers the option of a Functional or Long Block engine remanufacture, which represents significant savings compared to switching to a complete new engine. Remanufacturing meets all technical specifications and approvals required for new engines. In addition to the shorter replacement time, buying a used remanufactured engine allows for significant savings compared to a new engine. “Original Reman makes perfect business sense and helps reduce impacts on climate change and the environment. In addition, it reduces operating costs and enables the circular economy, with a series of benefits to the producer,” explains Almeida.

The Original Reman FPT line covers more than 70 models of Functional and Long Block engines, from the S8000, NEF (N45 and N67) and Cursor (Cursor 9 and Cursor 13) Series.

SERVICE

35th Show Rural Coopavel

When: February 6th to 10th, from 8am to 6pm

Where: BR-277, km 577, Cascavel (PR), Brazil

More information: <https://showrural.com.br/>

***FPT Industrial** is a brand of Iveco Group (IVG: MI), dedicated to the design, production, and sale of powertrains and solutions for on- and off-road vehicles, as well as marine and power generation applications. Over 8,000 people across eleven production sites and eleven R&D centers work for FPT Industrial all around the world. Active in nearly 100 different countries, its global sales and its Customer Service department supports all Brand customers. The extensive product offering includes six engine*

ranges with power outputs from 42 hp to over 1,000 hp, transmissions with torque up to 500 Nm, and front and rear axles from 2.45 to 32 tonne GAW (Gross Axle Weight). FPT Industrial offers the most complete line-up of natural gas engines for industrial applications on the market, with power outputs ranging from 50 to 520 hp. A dedicated ePowertrain division is accelerating the path towards net zero-emissions mobility, with electric drivelines, battery packs, and battery management systems. This extensive offering, and its strong focus on R&D, makes FPT Industrial a world leader in industrial powertrains and solutions. For more information, visit www.fptindustrial.com.

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