

FPT INDUSTRIAL SHOWS HIGH-TECHNOLOGY ENGINES FOR STAGE V AT EIMA INTERNATIONAL 2018

Turin, November 7th, 2018

As **technological leadership** is one of the key values that drives FPT Industrial, the company will display next-generation products at **EIMA 2018**, in Bologna, from November 7th to 11th.

At its stand (Hall 15, stand B13), **FPT Industrial** will display **N45** and **F36 engines**, that stand out for their best-in-class features, such as efficiency, lightness and easy maintenance. Both engines use **HI-eSCR2**, the second generation of the company's exclusive after-treatment system.

This technology integrates a Particulate Filtration System on an SCR module, which does not require vehicle modifications from the Stage IV solution. HI-eSCR2 ensures compliance with the **Stage V emission regulations**, and also offers many customer benefits.

Thanks to its integration, HI-eSCR2 does not compromise the visibility nor maneuverability of the vehicle and maintains the compactness of the engine. The after-treatment system ensures **high productivity, a simple installation, high durability, maximized uptime, environmental sustainability and reduced operating costs.**

N45 Stage V



The FPT Industrial N45 Stage V engine

The N45 is one of the highlights of the **NEF** family, which has been a mark of FPT Industrial's **technological excellence** since 2001. The 4.5-liter engine has a 4-cylinder configuration and delivers maximum power of 204hp, an increase of 15% compared to the previous version.

The dimensions and layout of the **N45 Stage V** are kept the same as the Stage IV version, preserving the unit's lean design, which also results in the same packaging and the same cooling requirement as the previous model. Additional improvements ensure **fuel efficiency**, and advances in filters and the clogging sensor have led to a doubling of the service interval to 1,200 hours.

N45 Stage V Specifications

Architecture:	In-Line 4-cylinder engine
Injection System:	Common rail (up to 1,600 bar)
Air Handling:	Wastegate Turbocharger
Valves per cylinder (number):	4
Displacement (l):	4.5
Bore x Stroke (mm):	104 x 132
Max Power (kW/hp):	150/204
Max Torque (Nm):	800
Oil service intervals (h):	1,200
EGR:	NO
ATS:	HI-eSCR2

F36 Stage V



FPT Industrial F36 Stage V

Designed specifically for off-road applications which require extreme compactness and versatility, the **F36** is easily adapted to different machines and installations. The Stage V version of the engine has a 3.6-liter displacement and benefits from a new turbocharger and optimized piston design to deliver **more performance** than its predecessor. Consequently, a 14% increase in maximum power, now up to 143hp, and 20% more torque, now up to 600 Nm

are available. The injection system has been redesigned to ensure **low noise, reduced transitory emissions, fuel economy, optimized combustion and performance.**

The HI-eSCR2 after-treatment system takes the solution to another level, with **enhanced benefits.** Combined with the oil change interval of 600 hours and the single-sided serviceability, the technology offers **easy compliance with Stage V** with simple maintenance, resulting in a 10% productivity increase.

F36 Stage V Specifications

Architecture:	In-Line 4-cylinder engine
Injection System:	Common rail (up to 1,800 bar)
Air Handling:	Wastegate Turbocharger
Valves per cylinder (number):	4
Displacement (l):	3.6
Bore x Stroke (mm):	102 x 110
Max Power (kW/hp):	105/143
Max Torque (Nm):	600
Oil service intervals (h):	600
ATS:	HI-eSCR2

***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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