

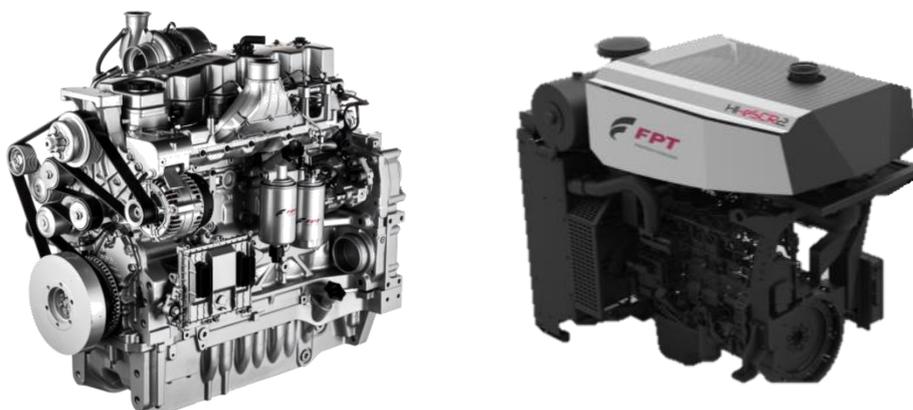
“NEW POWER FOR FARMERS”: FPT INDUSTRIAL PRESENTS ITS NEW NEF STAGE V ENGINE FAMILY AND NEW SMART POWERPACK AT AGRITECHNICA 2017

Turin, November 12, 2017

FPT Industrial today presents its **new Stage V NEF engine family** at Agritechnica (Hannover, 12-18 November - Hall 16 - Stand C35). In a global debut, visitors can also discover the Brand's **new PowerPack solution**. Presented as "**More Power**", the new NEF series engines are dedicated solutions for professional applications which require high productivity, **top performance and low operating costs**.



PRESS RELEASE



The FPT Industrial N67 Stage V engine and the new PowerPack solution

Developed to satisfy the most demanding productivity requirements of agricultural, construction and industrial missions, the **NEF** series is a mark of technological excellence for FPT Industrial since 2001, with **more than 1.6 million engines produced**. Featuring best-in-class power and torque, fuel efficiency and reliability, the NEF series stands out for its design flexibility, obtainable in **4 (N45) and 6 (N67) cylinder configurations**, with non-structural and structural availability.

Introducing the **new Stage V NEF family**, FPT Industrial takes an additional step towards higher productivity. The engine dimensions and the layout are those of previous versions, however, the engine has been completely redesigned for increased performance, which is now **up to 204 hp on the N45 (+15%) and up to 354 hp on the N67 (+13%)**. The result is a new Stage V NEF family which delivers **best-in-class power and torque density (up to +15% vs. competitors average in 6 liters range)**.

New filters with increased capacity and clogging sensor are capable of **best-in-class service intervals, up to 1,200 hours**, a longer service interval than our competitors and twice the previous FPT Industrial interval. This new feature is a part of the innovative **HI-eSCR2** after-treatment system, which complies with Stage V regulations and guarantees a maintenance-free and active regeneration-free solution, contributes to low operating costs and avoids downtime during machine operation.

Proven and further enhanced **EGR-free combustion** together with additional improvements in fluid consumption, guarantee the fuel efficiency of the NEF Series, and leverage reduced friction for **leading efficiency** when compared to competitors using EGR and DPF. The lean design with no EGR and single stage turbocharging, available as fixed or variable geometry, is a made-to-last solution and ensures maximum reliability. Thanks to the compactness of HI-eSCR2, the FPT Industrial **Stage V solution features unchanged packaging and the same cooling requirement as in Stage IV.**

PowerPack, a smart installation package



The PowerPack showcased at FPT Industrial booth at Agritechnica is mounted on a N67 Stage V engine

Stage V legislation will bring a further reduction of emissions and extend regulation to stationary applications and power ranges currently at Stage IIIA, thus requiring a wide range of applications to upgrade to this next emission level. To allow easier emission compliance and machine upgrades, for both mobile and stationary applications, FPT Industrial introduces **PowerPack, a new and smart installation solution**, enclosing all key after-treatment

components into a single package. DOC, SCR-on-Filter, AdBlue injection system and all required sensors, together with manifolds, are included in a compact and pre-assembled pack, therefore avoiding the need for a dedicated exhaust system design. To better support a simpler final validation process, the **pre-packed HI-eSCR2 solution**, offers FPT Industrial's **pre-validated design in terms of fluid-dynamics**, manifold layout and sensor positioning.

For increased installation flexibility, the after-treatment pack comes as an engine-mounted solution, providing a **ready-to-use solution**; or as a loose pack to allow OEMs to design a unique layout. In both cases, all electrical signals and connections are managed by a single cable for fast, reliable, and quick linking to the engine and machine electronic management system. Furthermore, these solutions are compatible with a wide variety of options that can be easily customized to fit a wide range of applications.

N45 Stage V Specifications

Architecture:	In-Line 4 cylinder engine
Injection System:	Common rail (up to 1,600 bar)
Air Handling:	Wastegate
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
Dimensions LW/H (mm):	816/687/1049
Dry Weight (Kg):	402
Oil service intervals (h):	1,200
EGR:	NO
ATS:	HI-eSCR2

N67 Stage V Specifications

Architecture:	In-Line 6 cylinder engine
Injection System:	Common rail (up to 1,600 bar)
Air Handling:	eVGT
Valves per cylinder (number):	4
Displacement (l):	6.7
Bore x Stroke (mm):	104 x 132
Max Power (kW/hp):	260/354
Max Torque (Nm):	1,420

Dimensions L/W/H (mm):	1062/687/1049
Dry Weight (Kg):	530
Oil service intervals (h):	1,200
EGR:	NO
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 93 dealers and over 900 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) 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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