

FROM STANDARD TO TAILORMADE: FPT INDUSTRIAL PRESENTS FLEXIBLE SOLUTIONS AT AGRITECHNICA

Turin, October 2015

'From standard to tailormade' is the theme of FPT Industrial's presence at the show at the world's largest exhibition for machinery and equipment in the sector, Agritechnica, held in Hannover, Germany, on 10-14 November 2015. Demonstrating its flexibility in delivering powertrain solutions regardless of the emission levels for both small and large agricultural OEMs, FPT will present a selection of its latest Stage IV/Tier 4 Final compliant engines from its range.

FPT has a wide range of off-the-shelf products from 2,2 to 20 liter that can satisfy more than 90% of the requests coming from OEM customers, for applications from compact tractors to combines with the highest grain capacity in the world. If this is not enough FPT has the capability, with its 7 R&D centers and over 900 engineers around the world, to develop the right product, matching even the most demanding request from its customers. An example of this is our HI-eSCR after treatment solution which, with up to 30 different easy-to-install after-treatment system configurations for each power node, provides the perfect solution for most OEMs.

FPT Industrial's smallest and largest Tier4B engines will be on display. The three-cylinder, 2.2-litre R22, launched in 2013 and in production since the beginning of this year, is the most compact engine in the low displacement segment, offering high performance and low maintenance. At the other end of the scale, the six-cylinder, 16-litre Cursor 16, last year's Diesel of the Year, delivers 18-litre performance in a 13-litre compact package, with best in class power and torque density, performance and service intervals.

Alongside will be the N67 engine for medium size applications, which has a maximum output of 210 kW (286 hp), and the 8.7-litre Cursor 9 that delivers a power range of 175 to 305 kW (235 to 409 hp).

To comply with Stage V emissions standards, all engines above four litres will use a new generation of the FPT Industrial's patented High Efficiency Selective Catalytic Reduction (HI-eSCR) after-treatment technology. FPT Industrial confirms its long-term SCR-only strategy in order to achieve uprated standards. It's one of the few manufacturers to retain an Exhaust Gas Recirculation (EGR) free solution, continuing the competitive advantages achieved in Stage IV/Tier 4B, such as best in class in fuel economy and best in class in power and torque density.

In order to meet Stage V both particle mass and particle count requirements, the second generation HI-eSCR system has an integrated particle filter on the SCR.

This flexible solution avoids additional redesign efforts from the vehicle manufacturer and will stay maintenance free, as its predecessor. Also with the integration of a particle filter, the system does not require active regeneration making it especially suitable for use in environments with a high risk of fire.

“At FPT Industrial we strive to keep total cost of ownership as low as possible and this is why we further developed our HI-eSCR technology, ensuring the lowest fuel consumption at the same time as the compliance to the latest emission regulations. This makes sure that OEMs do not incur additional development costs, due to product envelope, at the introduction of new emission standards,” said Massimo Siracusa, FPT Industrial’s Vice President for Product Engineering. “Our vast range of solutions offer huge flexibility to keep these development costs low for OEMs. We have a large range of options on each of our engines so that we can provide the right solution for everyone. If these are not sufficient, we have the R&D flexibility through our R&D centers around the world to create a bespoke solution that’s tailor-made to an OEM’s exacting requirements.”

FPT Industrial’s reputation for product reliability extends also to its service network, where a widespread presence of more than 90 dealers and 1,000 worldwide service points with qualified staff are available to satisfy every customer query relating to the sales and after-sales process.

FPT Industrial’s team will be on-hand to discuss its flexible and bespoke solutions in Hall 17, Stand D22 at Agritechnica 2015.

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 approximately 8,200 people worldwide, in ten manufacturing plants and six R&D Centres. The FPT Industrial sales network consists of 90 dealers and over 1000 service centres in almost 100 countries. A wide product offering, including six engine ranges from 31 kW up to 740 kW and transmissions with maximum torque of 200 Nm up to 500 Nm, and a close focus on R&D activities make FPT Industrial a world leader in industrial powertrains. For further information, visit www.fptindustrial.com.