

São Paulo, October 2013

FPT INDUSTRIAL TO ATTEND FENATRAN WITH MAJOR TRUCKING LAUNCHES OF 2013

From October 28th to November 1st FPT Industrial will present at FENATRAN, in San Paolo, Brazil, the engines powering 2013's major truck industry launches.

A global leader in powertrain technologies, with the aim to grow in the Latin American market and be a leader in technological development, FPT will be present with its whole range of on-road engines. Showing its strengthening hold and commercial focus on the open market, FPT Industrial will showcase its Cursor 10 engine on the Ford Cargo 2842 and 2042. Iveco, on the other hand, will feature the all new N45 and N67 engines, powering the new medium-duty Iveco Tector, the Cursor 13 560 hp for Iveco Hi-Way, launched earlier this year, and the Cursor 9 on the Iveco Trakker. Also Fiat will show FPT's F1A engine powering the Fiat Ducato.

"We supply the power, through our engines, that will allow us to drive the economic expansion; our expertise, technology and quality offer our customers the most competitive operating costs in the market. We are confident that this will be a major contribution in our continuing growth," says José Luís Gonçalves, FPT Latin America President.

FPT Industrial is recognised for its pioneering technologies and diversified portfolio. A proven track record of successes in the field, its expanding range of engines and the increased amount of OEMs that use its solutions are reinforcing FPT's performance day after day.

Presence in key 2013 launches within the Latin American trucking industry

The Cursor 13 engine with 560 hp, which powers the new Iveco Hi-Way, is the most powerful in FPT Industrial's portfolio for automotive applications and offers high performance with a flat torque curve, an optimum feature for road conditions in Latin America. This is provided alongside reduced fuel consumption and low emissions. Gonçalves added: "The high-tech engine, coupled with its low operating cost, confirms FPT Industrial's commitment to meet the customer needs in a demanding market."

Another important partnership, that will be shown at Fenatran, is the agreement with Ford Motor Company. The Ford Cargo's 2842 and 2042 versions of up to 56 tonnes, produced in Brazil and Europe will be powered by the FPT 10.3-litre engine. This six in-line, Cursor 10 litre engine features state of the art technology such as Electronic Engine Management, Unit Injectors and uses a SCR-only system to reduce emissions to its mandatory levels. "The partnership with Ford is another step that shows FPT Industrial's commitment of growth in Latin America and its consolidation in the Brazilian market," highlights Gonçalves.

Press Release

New N45 and N67 engines for the new medium-duty Iveco Tector

Higher power and lower consumption; these were the basic requirements for the development of the new FPT N45 and N67 engines, designed to power Iveco's medium-duty 15t, 17t, 23t and 26t Tector and Tector Stradale. Both engines will be presented by FPT Industrial at the event, proving the pioneering technology and the diversity of solutions of the company to meet customer needs.

The two new Common Rail 4.5-litre, N45, and 6.7-litre, N67, engines have been developed based on the existing 3.9-litre, NEF 4, and 5.9-litre, NEF 6, engines. The increased displacement and the redevelopment of the engines result not only in increased power and torque, but also reduces fuel consumption. To comply with emission regulations both models feature SCR-only technology using Arla 32.

The N45, with a power output of 206 hp and torque of 720 Nm between 1,250 and 1,800 rpm, has a performance which makes it optimum for outfitting trucks designed to cover short distances, predominantly used in urban and inter-urban deliveries. The N67 has two power-curves, a 280 hp and 300 hp version with 950 Nm of torque between 1,250 to 1,600 rpm and 1,050 Nm between 1,250 and 1,890 rpm, respectively. These engines were built to provide the driver more power, making it optimum for long distances.

"At our R&D facilities in Brazil we have been able to develop a specific calibration to suit the needs of the Brazilian customer. We have obtained a new torque curve, flatter and wider. With these changes, the engines gain in elasticity, allowing for smoother driving and higher average speeds. The torque, on a wider range, improves uphill starts, helps in maneuvers at low speed and has good uphill performance," emphasizes Helton Lage, FPT Industrial's Director of Product Engineering.

Structurally, the engines have undergone changes to some parts such as the connecting rod and piston, to withstand higher pressures due to the increased displacement. The injectors have been optimized ensuring higher injection pressures, with subsequent improvement in engine performance.

Cursor 9 for Trakker

The Cursor 9, six in-line, 8.9-litre engine, powering the Iveco Trakker, features a state-of-the-art Common Rail injection system. The higher injection pressures guarantee performance at the top of its class, at the same time as reduced fuel consumption.

F1A engine equips Fiat Ducato

FPT's F1A, four in-line, 2.3-litre engine, powering the Fiat Ducato, uses Exhaust Gas Recirculation or EGR to comply with the Latin American emission legislations. In this particular low displacement, low horsepower application, this technology allows the reduction of owner operating costs and proves to be the most appropriate choice. "The F1A, with the technology developed by FPT Industrial, demonstrates excellent performance, as well as lower noise and low NOx (nitrogen oxides) emissions," says Lage.

Cursor 13 Specifications

Engine capacity: 12.9l
Fuel: Diesel
Bore x Stroke: 135 mm x 150 mm
Compression ratio: 16.5:1
Maximum power: 560 hp @ 1,900 rpm
Maximum torque: 2,500 Nm @ 1,000-1,600 rpm
Emissions: Proconve P7 / Euro V
Turbo VGT: Variable Turbine Geometry

FPT 10.3L Specifications

Engine capacity: 10.3l
Fuel: Diesel
Bore x Stroke: 125 mm x 140 mm
Compression Ratio: 16.5:1
Maximum power: 420 hp @ 2,100 rpm
Maximum torque: 1,900 Nm @ 1,050 rpm
Emissions: Proconve P7 / Euro V
Turbo VGT: Variable Turbine Geometry

Cursor 9 Specifications

Engine capacity: 8.7l
Fuel: Diesel
Bore x Stroke: 117 mm x 135 mm
Compression ratio: 16:1
Maximum power: 360 hp @ 2,200 rpm
Maximum torque: 1,500 Nm @ 900-2,300 rpm
Emissions: Proconve P7 / Euro V
Turbo WG

N67 - 300 hp Specifications

No. of cylinders: 6
Fuel: Diesel
Maximum power: 300 hp @ 2,500 rpm
Maximum torque: 1,050 Nm @ 1,300rpm
Bore x Stroke: 104 x 132 mm
Intake system: Turbocharger with Waste Gate
Compression ratio: 17:1
Injection system: Common Rail
Emissions: Proconve P7 / Euro V

N67 – 280 hp Specifications

No. of cylinders: 6
Fuel: Diesel
Maximum power: 280 hp @ 2,500 rpm
Maximum torque: 950 Nm @ 1,250 rpm
Bore x Stroke: 104 mm x 132 mm
Intake system: Turbo Charger with Waste Gate and After Cooler
Compression ratio: 17:1
Injection system: Common Rail
Emissions: Proconve P7

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Comunicação Mercosul
Rua Senador Milton Campos, 175 - 6º andar
Nova Lima/MG – CEP: 34000-000
Tel. +55 31 3888-7640
www.fptindustrial.com

N45 Specifications

No. of cylinders: 4
Fuel: Diesel
Maximum power: 206 hp @ 2,500 rpm
Maximum torque: 720 Nm @ 1,300rpm
Bore x Stroke: 104 mm x 132 mm
Intake system: Turbocharger with Waste Gate
Compression ratio: 17:1
Injection system: Common Rail
Emissions: Proconve P7 / Euro V

F1A Specifications

Engine capacity: 2,287 (2.3l)
Fuel: Diesel
Bore x Stroke: 88 mm x 94 mm
Compression ratio: 16.2:1
Maximum power: 127 hp (93.5 kW)
Maximum torque: 320 Nm
Emissions: Proconve L6 / Euro V

Services

FENATRAN - Salão Internacional do Transporte
Date: 28 October – 1 November 2013
Visitation hours: from 1 p.m. - 9 p.m.
Place: Pavilhão de Exposições do Anhembi | Av. Olavo Fontoura, 1.209 - Santana - São Paulo - SP

FPT Industrial

FPT Industrial is a CNH Industrial Group company dedicated to the design, production and marketing of propelling systems for on-road and off-road vehicles and marine and power generation applications.

The company has approximately 8,000 employees worldwide, distributed in 10 plants and 6 R&D centers. FPT Industrial distribution network consists of 100 dealers and more than 1,300 service centers in over 100 countries.

An extensive range of products (five families of engines from 31 kW to 740 kW and power trains with maximum torque from 200 Nm to 500 Nm) and a focus on research and development activities makes FPT Industrial world leader in propelling systems for the industrial market.

INFORMATION TO THE PRESS:

MM Editorial

Marta de Souza – marta@mmeditorial.com.br

Aline Domene – aline@mmeditorial.com.br

(11)2941-7568

www.mmeditorial.com.br

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