

MN04-06E

24.04.2006

“INTERMAT, PARIS APRIL 24-29, 2006”

A RANGE OF ENGINES FOR INDUSTRIAL APPLICATIONS, IN STAGE III A – TIER 3 VERSIONS.

FIAT POWERTRAIN TECHNOLOGIES will be at Intermat, in hall 5B, stand J041, exhibiting the **IVECO MOTORS** range of engines for industrial applications.

The **FPT** Industrial & Marine division manages the **IVECO MOTORS** product families, engines with cutting-edge technologies and top performance, achieved as a result of constant research and development. In the last five years, all the engine families have been completely revamped, developing evolved technologies to combat emissions with solutions that guarantee the highest levels of efficiency in terms of performance and running costs.

The range of **IVECO MOTORS** engines from **FPT**, which were completely redesigned to meet TIER 2 standards, did not have to undergo substantial changes to respect TIER 3. The stand presents some important novelties:

the new F5 series, 4 cylinders, 3.2 litres; the Cursor 9, an 8.7-litre common rail engine, and the Vector 8, a 20-litre V-shaped common rail engine and the engines of the NEF medium duty range in a TIER 3 version.

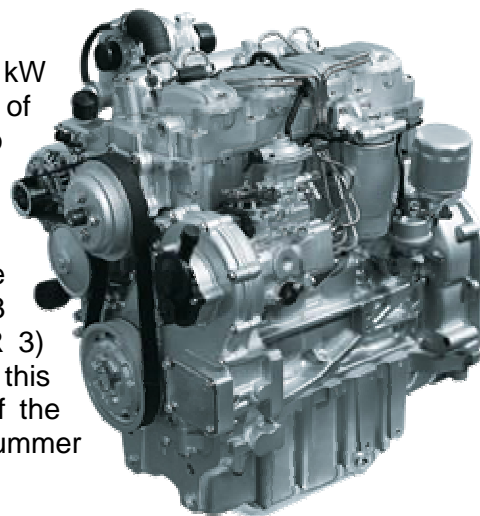
INTERMAT 2006 was chosen as the setting for the official presentation of the new F5 engine, which is not just a new version but a complete new range that now joins the four existing ranges.

The new F5 family comprises straight-4 engines with 2 valves per cylinder, driven by geared timing and supplied by a mechanical injection system for the low and medium power ranges, and by an electronic common rail injection system for the higher power range.

The new F5 will be available in a structural and a non-structural version, to adapt to the most varied applications, from agricultural tractors to the many types of industrial machines. The capacity-performance ratio is excellent!

The F5 engine is a 3.2 litre unit which delivers up to 65 kW (88 Hp), in the 2300-2500 rpm range, and peak torque of 340 Nm at 1400 rpm with mechanical injection, and up to 74 kW (100 Hp) and peak torque of 380 Nm with electronic common rail injection.

The mechanical versions of this new family will be on the market from Autumn 2007, in time to respect phase 3 gassy emissions legislation (STAGE III A – EPA TIER 3) which will come into force from January 1, 2008 for this power range. A few months later, it will be the turn of the common rail versions, which are programmed for the Summer of 2008.



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The higher range of Cursor engines has now been extended by a 8.7-litre engine, the Cursor 9. The STAGE III A – TIER 3 Cursor engines cover a very wide power range, right up to 375 kW (510 Hp) for the Cursor 13, achieved thanks to a conventional turbocharger. Like the NEF engines, Cursor engines also respect STAGE III A – TIER 3 standards.

The Vector 8 engine, which is exhibited at Intermat, is a 20-litre V8 engine, with 4 valves per cylinder, electronic common rail injection, and a maximum power delivery of 640 kW at 2100 rpm.

The middle of the range NEF engines, will continue to be available in STAGE III A – TIER 3, and will continue to include mechanical injection versions.

The 4-cylinder NEF mechanical injection engines offer power deliveries of up to 93 kW (126 Hp), while the 6-cylinder engines deliver up to 129 kW (175 Hp), performance that is identical to that of the STAGE II – TIER 2 engines. The higher power output of this medium duty range is available with 4 or 6 cylinders with electronic common rail injection, up to 175 kW (238 Hp) and torque of 1020 Nm, performance that represents an improvement on that of the STAGE II – TIER 2 versions.

FPT, Fiat Powertrain Technologies, is the new Fiat Group operating sector that draws together the Group's capacity for innovation and its experience in the field of engines, gearboxes and differentials.

For further information, visit the FPT site: www.fptpowertrain.com.