

## **FIAT POWERTRAIN TECHNOLOGIES PRESENTS ALL THE NOVELTIES OF ITS PRODUCT RANGE AT THE GENOA BOAT SHOW 2008**

Technological excellence and a very broad product range are the main features of FPT - Fiat Powertrain Technologies making it one of the leading players in the powertrain industry on a global scale.

At the 48<sup>a</sup> Genoa International Boat Show, Fiat Powertrain Technologies presents two novelties at its stand (Pavilion C, Ground, stand U10): the new N67 560 engine and, with a view to supplying an ever more complete range of services to its customers, a new electronic remote control system.

N67 560 is the outcome of intensive testing carried out in the field during two among the longest and most prestigious powerboat races, the Round Britain Race and Cowes – Torquay – held in 2008.

With its performance, reliability, robustness, reduced size and low weight this engine is not only a winning product in racing applications, but also a very interesting one for yachting.

With a power of 560 hp (412 kW) at 3000 rpm, an excellent weight-power ratio equal to 0,86 CV/kg and common rail electronic injection, N N67 560 is at the top of its category. It guarantees high performance and low fuel consumption in compliance with legislative regulations on the reduction of gas and acoustic emissions.

The second novelty presented at the Genoa Show is a modular electronic “drive by wire” control system, single or double lever, with “canbus” technology. This system features a high number of versions with a reduced number of components to be matched to the various engine/inverter combinations, as well as a very user-friendly “plug&play installation system, a simple initial layout and a potential to control from a distance of up to 60 meters from the central control unit. Here are the main control features of the remote control: engine heating, fast switching between the various units, engine synchronization and customized setting of acceleration levers on the remote control.

To complete its display of products Fiat Powertrain Technologies also presents S30 230 SD, N40 250, N60 370 SD, N60 480 and C13 825.

FPT - Fiat Powertrain Technologies boasts a number of winning features across the entire range. In terms of performance, all models support high torques at a low number of revolutions to ensure better planing.

The high level of performance does not go to the detriment of environmental protection, which is ensured by the reduction of noisiness, gas emissions and vibration, in compliance with the limits laid down by IMO MARPOL-2003/44/EC- EPA regulations.

Engine reliability is also at the cutting edge of FPT - Fiat Powertrain Technologies offer, with compact and functional design, long durability of engines and high quality of components.

The cutback of running costs and the lay-out flexibility obtained through a reduction of fuel consumption, an extension of maintenance and overhaul intervals coupled with the availability of accessories, make FPT - Fiat Powertrain Technologies versatile and fit for broad and diversified applications.

Integrated electronic control, "common rail" high pressure fuel injection systems and "pump injection", cylinder heads with multiple valves per cylinder are the main distinctive technologies characterizing the **S**, **N** and **C** families displayed at the Genoa Boat Show.

More specifically, at the FPT stand, you will admire:

- ✍ For the **S** family the S30 230 (230 CV ), a compact engine, with a long-standing success ensured by high performance, low consumption and environmental impact, further enhanced by the availability of the CMD BRAVO stern drive range.
- ✍ N40 250 ( 250 CV ), N60 370 SD (EFB unit, 370 CV) and N60 480 models ( 480 CV ), all products supported by state-of-the-art technologies in the diesel segment, characterized by functional design, high performance, light weight, compactness, low fuel consumption and emissions and a wide range of applications on various types of boats up to 12 meters. It is worth mentioning the success of N60 480, that recently won the longest and most exhausting powerboat race in the world, proving its robustness and reliability over a distance of over 1400 miles.
- ✍ C13 825 (825 CV ) for the **C** family, also featuring the E.U.I electronic injection system (Electronic Unit Injector), with low consumption and emissions as well as high performance positioning it among the best in class in the power range devoted to comfortable yachts and sport fishing boats up to 16-18 meters.

## **FPT - FIAT POWERTRAIN TECHNOLOGIES**

Established in March 2005, Fiat Powertrain Technologies is the Fiat Group Company managing all the Powertrain operations previously entrusted to:

- ✦ Fiat Group Automobiles (Fiat Powertrain)
- ✦ Iveco (Iveco Motors)
- ✦ Centro Ricerche Fiat and Elasis

With an annual output of around 3,1 million engines and 2,5 million transmissions and axles, 20.000 employees, 15 plants and 10 research centres in 7 countries, FPT is one of the most significant players in the powertrain sector on a worldwide basis.

FPT can satisfy almost any powertrain requirement thanks to an extremely wide range of products:

- ✦ engines (with a power from 20 up to 1020 hp and displacements from 1,000 to 20,100 cc)
- ✦ transmissions (covering from 145 to 950 Nm)

and applications:

- ✦ automotive (cars, commercial vehicles, trucks, buses, special vehicles)
- ✦ industrial (construction equipment, agricultural machinery and stationary applications)
- ✦ marine (pleasure and professional applications)
- ✦ power generation (generating sets)

Technological excellence is ensured by the advanced research and engineering activities carried out by the Powertrain Research & Technology Unit.

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