



Fiat Powertrain Technologies is present at the Round Britain Powerboat Race 2008

24 years since the last edition, the Round Britain, one of the longest and hardest Endurance competitions of all time, is back.

The competition route winds along 1424 miles in ten days and circumnavigates England facing the Channels waters, the Ocean waves and their collision with the North Atlantic riptides.

Fiat Powertrain Technologies, heir of the glorious motorboating enterprises of the Aifo – Iveco engines, is again issuing a challenge on the occasion of the Round Britain 2008 with Red FPT, a historical boat recalling the Offshore competitions myth of the eighties.

The technical equipment of the boat consists of four new 600 horsepower turbodiesel engines N67 450 Evolution, the most powerful and the lightest in their category.

The persons who are writing another page in the sport history are Alfredo Altavilla, Fiat Powertrain Technologies CEO, and Fabio Buzzi, FB Design CEO and leading figure of Italian motorboating with a palmares of 52 world titles and 48 speed records.

20 years went by since the Aifo – Iveco engines became very popular conquering the most important Offshore world championships, winning in all the classes of the Viareggio – Bastia – Viareggio, beating rivals in the Class 2 American championship, triumphing at the last edition of Round Britain with White Iveco.

A second boat, Blue FPT, will join the 2008 edition of the Round Britain Powerboat Race. Powered with three N60 480 hp engines will compete in Production Class MC1 category.

The current FPT marine range for both professional and pleasure boats offers reliable, silent and environmental-friendly engines that have an excellent weight/power ratio, ideal not only to reach excellent performances, but also to build better and better boats, less heavy and therefore more efficient.

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The Evolution version of the 6-cylinder turbodiesel 6,7 liters N67 450 model generates 600 hp and has a totally electronic management system and a common rail injection system. These technical solutions allow reaching high performances, low consumption and emission reductions.

Produced in thousands of units for many different applications, included those for ship and pleasure boats, the N67 450 engine, in the Evolution configuration, is now ready to face the hardest among the motorboating competitions.

The meeting is on June 21 at Portsmouth, England, in the Solent Channel, from where the over 50 boats enrolled to the competition will sail and where will be back, after the circumnavigation of England, ten days later, on June 30, for the conclusion of the Round Britain 2008.

RED FPT - TECHNICAL CONTENTS

Boat:

Total length	14.45 m
Hull length (UIM)	12.65 m
Width	2.85 m
Width (wing included)	4.16 m
Height (wing included)	2.90 m
Weight	8.200 Kg
5 fuel tanks for a total capacity of	1.880 liters
4 Trimax surface drives	

4 FB Design gearboxes

Engines:

4 FPT N67 450 EVOLUTION engines
Displacement 6.72 liters
6 cylinders in-line
Bore x stroke 104 x 132 mm
4 valves x cylinder

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Common Rail injection system
Power setting for Round Britain 2008: 600 hp @ 3.100 rpm

BLUE FPT - TECHNICAL CONTENTS

Boat:

Length overall	15.53 m
Hull Length (UIM)	13.66 m
Beam	2.88 m
Weight	7500 Kg




One fuel tanks of 1.460 litres
Three Trimax 2200i surface drives
Three ZF 280-1 gearboxes

Engines:

Three FPT engines N60 ENT M40 of 480 hp
Displacement 5.9 litres
Six in-line cylinders
Bore x stroke 102 x 120 mm
Four valves per cylinders
Common rail fuel injection

FPT - FIAT POWERTRAIN TECHNOLOGIES

Born in March 2005, Fiat Powertrain Technologies is the Fiat Group Company including all the Powertrain activities previously carried on in:

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

With its annual output of around 3,1 million engines and 2,5 million transmissions and axels, 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.

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FPT can satisfy almost any powertrain request 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)

The activities of research and advanced engineering ensure the technological excellence of the Company. All these activities are included in the Powertrain Research & Technology function.

FB Design

FB Design is a company established in 1971 by the engineer and offshore pilot Fabio Buzzi, originally with the purpose of building pleasure, working and racing boats. For years the main activity of the company was the offshore competition. In over 30 years of activity FB Design has won 52 World Championships and has set over 48 speed record in every existing class, with all types of hulls. With the decline of the offshore competitions, the company made good use of the racing experience and extended the production to the military area.

FB Design holds the most prestigious long distance records and in particular the one from Miami to Nassau and return at over 100 mph, the highest speed ever set for a long distance record. The world record from Venice to Montecarlo (1122 miles) with the incredible time of 23 hours and 55 minutes at the average speed of 45,9 knots (87 km/h) and the Tampa-Miami record (277 miles) in 3 hours and 47 minutes at the average speed of 85 mph (135,45 km/h).



The currently range of boats offered by FB Design is from the small Babynotto, a small 10' rib with electric engine offered as a tender, to the FB 80', a 24 meters boat that set may long distances records and that "Motor Boat & Yachting" magazine ranked at the 6th place in the classification of the most beautiful boats of all time.

FB Design has always been active in the R&D in the nautical department: materials, transmissions, hulls and engines. In order to increase the performances of his boats, Fabio Buzzi started designing marine trasmissions in 1798 , known as Trimax Drives, which are now produced by the german multinational ZF Marine Group.

Nowadays the company occupies a 16000 sqm site, complete with modern workshops for all phases of production, including a 60 meters water-tank and a fi ve axis milling machine with a working surface of 24x6 meters.

In 2006 was opened the new water base of Moregatto®, located on Lake Como, with the purpose of accelerating the test of functionality and performance of the boats. This decision is direct towards the need of more privacy, asked by the military area where FB Design is working, as well as a need of more autonomy.

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