

FPT INDUSTRIAL POWERS FABIO BUZZI IN THE DIESEL POWERBOAT GUINNESS WORLD SPEED RECORD: MORE THAN 277 KM/H

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The Cannes Croisette is used to welcoming celebrities, but at the **Cannes Yachting Festival** the star of the show is a world record-breaker powerboat. From **September 11th to 16th**, **FPT Industrial** is in Cannes (Palais du Festival, Stand 110) with its latest products, including the **new C16 1000 marine engine** and the **powerboat** capable to reach **277.5 Km/h**. Last March, this powerboat – with an hull developed by **Fabio Buzzi's FB Design** – entered into **Guinness World Record history**, beating the previous record set in 1992.



PRESS RELEASE



The record for the **fastest diesel powerboat** took place on Lake Como, in Italy, and it was achieved thanks to a new engine that FPT Industrial developed together with FB Design. Developed for **agricultural applications** – where it powers combines and forage harvesters and was named the *Diesel of the Year 2014*– the Cursor 16 was transformed into a marine engine capable of delivering **more than 1,700 hp**.

FPT Industrial and FB Design have been collaborating for **35 years**, and this partnership most recently created a powerboat characterized by **new innovative technologies**, such as those for the **turbocharging system** where multiple electronic variable geometry turbo solutions

have been introduced. Furthermore, the **cooling system** now features a single-direct circuit, with a water intake step-change solution inside the boat's rudder.

The collaboration also resulted in **new marine concepts**, such as the aluminum extruded exhaust manifold on the last generation electronic Common Rail base engine, characterized by steel pistons.



In order to achieve this world record success, FPT Industrial relied on the **expertise** of its plants and Research and Development (R&D) centers. The plant of **Pregnana Milanese** – specialized in the customization of marine engines – played an important role in the development of the Cursor 16, as well as the **Turin Testing Center** and the **R&D center in Arbon**, Switzerland. Here the engine was optimized and tested, using the know-how gained in other racing projects to modify the fuel injection system. The Arbon R&D Center has always been a protagonist behind rallies such as the **Dakar** and the **Africa Eco Race**, due to the technologically ground-breaking innovations that characterized its history. Arbon is, in fact, the birthplace of the **Common Rail system**, of the **first application of a variable geometry turbocharger** on a diesel engine as well as the **first Common Rail on a Light Commercial Vehicle**. Finally, in 2011, Arbon developed FPT Industrial's **patented HI-eSCR** (High Efficiency Selective Catalytic Reduction).

All of these innovations can be directly applied to world of sports and racing, where FPT Industrial found an important partner over three decades ago. FB Design and FPT Industrial have won **32 titles** together, including **15 world championships** in different classes and 17 International trophies: seven in Europe, four in South America and six in Italy. Buzzi's hulls,

powered by FPT Industrial, have won **speed races** throughout the **1980's** and triumphed in the **2012** New York-Bermuda race with the "Col Moschin" boat, equipped with two **C90 650 engines**. These same engines even won a **broaching** during the **Montecarlo-Venezia** race in **2011** with the "Kerakoll FPT", while the "**Red FPT**" was fitted with four N67 600 engines when it won the **Marathon World Cup** in **2010**, the most prestigious endurance race in the world. All these achievements, together with the latest **Guinness World Record**, testify the efforts of FPT Industrial in this field as well as the high performance and reliability of its engines, that are now closer to the final customer thanks to the **new Cursor 16 marine**, born from a world record-breaking engine.

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 more than 8,000 people worldwide, in ten manufacturing plants and seven R&D Centres. The FPT Industrial sales network consists of 73 dealers and about 800 service centres in almost 100 countries. A wide product offering, including six engine ranges from 42 hp up to 1,006 hp, transmissions with maximum torque of 200 Nm up to 500 Nm, front and rear axles from 2 to 32 ton GAW (Gross Axle Weight). FPT Industrial offers the most complete Natural Gas engines line-up on the market for industrial applications, including engine ranges from 136 hp up to 460 hp. This extensive offer and a close focus on R&D activities make FPT Industrial a world leader in industrial powertrains. For further information, visit www.fptindustrial.com.

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