

## FPT INDUSTRIAL LEADS VENICE BOAT SHOW WITH ITS LATEST MARINE ENGINES

Turin, June 19<sup>th</sup>, 2019

The ancient Arsenale, symbol of the historical naval industry of Venice, is hosting the 2019 edition of the Venice Boat Show from June 18<sup>th</sup> to 23<sup>rd</sup>, when FPT Industrial is displaying its latest marine engines for commercial and pleasure applications.

Balancing a contribution to the Floating City of art and technical expertise, FPT Industrial is exhibiting a true record line-up, which encompasses four engines defined by state-of-the-art technologies, reliability, performance and design.



### C16 1000



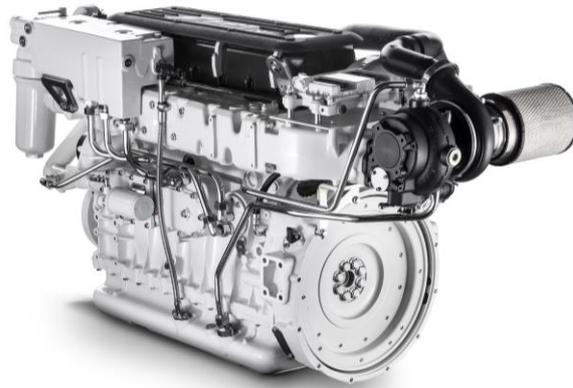
The C16 1000 was developed for light commercial and pleasure applications and distinguishes itself for providing top performance and compactness. With a 16-liter displacement and 6 cylinders in-line, its power can reach 1,000 hp at 2,300 rpm, placing itself among the best performance engines of the category. In 2018, with a specific racing configuration, this engine achieved the Guinness World Record of speed for Diesel engine boats, reaching 277.5 km/h.

#### C16 1000 Specifications

Architecture:	6 Cylinders in-line
Injection System:	Common Rail (up to 2,200 bar) 2 Water Cooled Waste Gate Turbo
Air Handling:	Single Stage + Aftercooler
Valves per Cylinder:	4
Displacement:	15.9 l

Bore x Stroke:	141 x 170 mm
Max Rated Power:	1,000 hp @ 2,300 rpm
Max Torque:	3,500 Nm
Dry Weight:	1,690 kg
Dimensions (L/W/H):	1,465 x 1,136 x 1,160 mm

### **C9 650**



C9 650 has a displacement of 8.7 liters, latest generation Common Rail, an architecture of 6 cylinders in-line and can deliver a maximum power of 650 hp at 2,530 rpm. These features, combined with compactness and lightness, place the engine at the top of its category. The engine also stands out for its reduced environmental impact, reduced consumption and high navigation comfort. Thanks to the high reliability, durability and reduced operating costs of the commercial versions, this engine today powers the famous ferries of the public transport of Venice.

### **C9 650 Specifications**

Architecture:	6 Cylinders in-line
Injection System:	Common Rail
Air Handling:	Waste Gate water cooled Turbo+ aftercooler
Valves per Cylinder:	4
Displacement:	8.7 l
Bore x Stroke:	104 x 132 mm
Max Rated Power:	650 hp @ 2,530 rpm
Max Torque:	2,150 Nm @ 1,700 rpm
Dry Weight:	940 Kg
Dimensions (L/W/H):	1,288 / 823 / 961 mm

## **N67 570 EVO**



Combining high performance with a lightweight and compact design, this 6.7-liter engine delivers 570 hp at 3,000 rpm, with maximum torque of 1,551 Nm at 2,000 rpm, ensuring top performance for fast and light planing boats. The use of high technologies ensures reliability and compliance to the most stringent environmental certifications for the marine sector. Thanks to this engine, FPT Industrial has won prestigious European competitions, such as the Cowes-Torquay-Cowes in 2008 and broke the speed record at the Cork-Fastnet-Cork route in 2018.

### **N67 570 EVO Specifications**

Architecture:	6 Cylinders in-line
Injection System:	Common Rail (up to 1,600 bar)
Air Handling:	Waste Gate water cooled Turbo+ Aftercooler
Valves per Cylinder:	4
Displacement:	6.7 l
Bore x Stroke:	104 x 132 mm
Max Rated Power:	570 hp @ 3,000 rpm
Max Torque:	1,551 Nm @ 2,000 rpm
Dry Weight:	721 Kg
Dimensions (L/W/H):	1,089 / 847 / 825 mm

### **N40 E + HM 560**

Low operating costs, reliability and durability are the main strengths of this 3.9-liter engine. It can deliver up to 250 hp at 2,800 rpm for recreational purposes and it is also compliant with the most stringent European emission standard for inland waterway (IWW Stage V) for the power ratings of 170, 150, 100, 85 hp at 2,800 rpm.

For hybrid propulsion, FPT Industrial exhibits this IWW Stage V engine with a Transfluid HM 560 module, offering the flexibility of running both on Diesel and on electric batteries, taking

advantage of the efficiency of each mode for an optimized consumption and reduced environmental impact, whether on pleasure or commercial applications.

A lithium battery bank powers the electric engine, delivering zero emission and silent navigation. This is ideal to pass through protected areas or bays located in delicate environments, reducing emissions, average consumption and costs. The internal combustion mode is intended for safe long-distance navigation, during which the batteries can be recharged.

### **N40 E Specifications**

Architecture:	4 Cylinders in-line
Injection System:	Common Rail
Air Handling:	TCA (Turbocharged with aftercooler)
Valves per Cylinder:	4
Displacement:	3.9 l
Bore x Stroke:	102 x 120 mm
Max Rated Power:	250 hp @ 2,800 rpm
Dry Weight:	490 Kg
Dimensions (L/W/H):	850 / 708 / 785 mm

### **HM 560 Specifications**

Maximum power kW/hp @ rpm:	180 / 240 @ 3800
Electrical power up to kW/hp @ rpm	35 / 47 @ 3000
Module weight (kg):	120
Input:	BW 6,5" or SAE4 10"
Output:	SAE 4 10" or Cardan shaft

***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](http://www.fptindustrial.com).*

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