

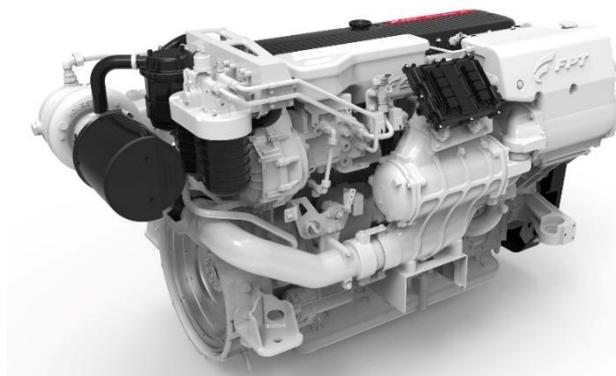
FPT INDUSTRIAL EXPANDS MARINE LINEUP WITH TWO NEW ENGINES FOR COMMERCIAL APPLICATIONS

Turin, November 19, 2019

Following appearances at the major marine trade exhibitions in Venice and Cannes this year, **FPT Industrial** arrives in **Amsterdam** for the **Metstrade Show** (November 19-21, stand 01.871) to present two new engines that add further advantages to its marine lineup: the **C16 600** and the **N67 450 N**.

C16 600

The **C16 600** brings top performance and low operating costs for **heavy commercial missions**, in applications such as cargo ships, ferries, tugboats, trawlers and workboats. Though it has a displacement of almost 16 liters, the model maintains the compactness and lightness of a 13-liter engine.



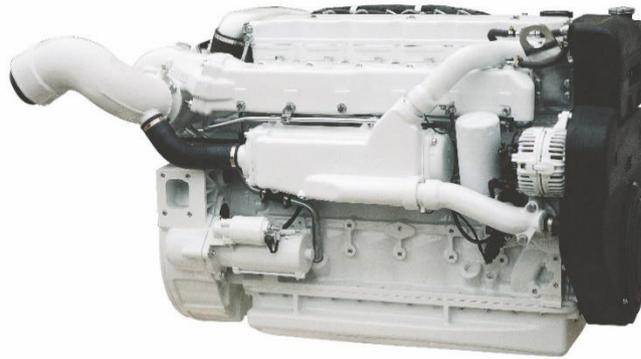
Its maximum power of 600 hp and torque of 2,680 Nm translate into increased cruising and maximum speed for various operating conditions, as well as more torque at low speed, which is ideal for carrying out operations and maneuvering.

New and improved components and systems secure the engine's position as best in class in terms of durability and reliability, with more strength, improved lifecycle, and more resistance to heavy-duty conditions. Compared to competitors in the same product category, the engine is also in the **top position** in terms of **maintenance intervals and fuel consumption**, resulting in **low operational and maintenance costs**. The time between overhauls (TBO) is more than 30% longer than what the competition offers, and the maintenance is easy to perform.



The C16 600 project and technologies were designed for maximum reduction of noise and vibration and the engine has a low environmental impact, complying with the main international emissions legislations.

N67 450 N and N67 170



The versatile **N67 450 N** is designed for both **pleasure and light commercial applications** for cruisers and yachts up to 12 meters and missions such as passenger transport, military and state bodies, pilot, rescue and light fishing. This engine represents an evolution for FPT's marine **NEF family**, reaching a wider range of boats suitable for any kind of mission and operating condition.

With maximum power of 450 hp at 3,000 rpm and torque of 1,305 Nm at 1,800 rpm, the N67 450 N offers the best solution for different kinds of applications: **high speed** and best transient planing for pleasure boats, best low end torque and **low operating costs** for light commercial vessels.

Enhanced cooling and starting systems provide better startability in cold areas, more durability and lower environmental impact. Among its many advantages, the engine meets the latest and most stringent international emissions regulations, enlarging - vs. its previous version - its commercialization areas to North America. For the European market, this engine, with the same technological advancements, will be commercialized in a specific version, **N67 170**, rated at 170 hp / 2,300 rpm complying with the stricter requirements of the **Inland Waterway Vessels (IWV) Stage V**.

FPT Industrial Red Horizon at METS

During Metstrade, [Red Horizon](#), FPT Industrial's premium integrated marine control system unveiled at the Cannes Yachting Festival 2019, is being displayed in a new and more compact version at the Naviop stand (02.518) for smaller spaces. Combining state-of-the-art technologies from different partners, Red Horizon guarantees full navigation control and safety, best-in-class driving comfort, easy handling and harboring.

C16 600 Specifications

Architecture:	6 Cylinders in-line
Injection System:	Common Rail (up to 2,200 bar)
Air Handling:	Water Cooled Turbo + Aftercooler
Valves per Cylinder:	4
Displacement:	15.9 l
Bore x Stroke:	141 x 170 mm
Max Rated Power:	442 kW / 600 hp @ 1,800 rpm
Max Torque:	2,680 Nm @ 1,300 rpm
Dry Weight:	1,570 kg
Dimensions (L/W/H):	1,465 x 1,000 x 1,160 mm
Emission certification:	IMO Marpol Tier 2; EPA Tier 3

N67 450 N Specifications

Architecture:	6 Cylinders in-line
Injection System:	Common Rail
Air Handling:	Wastegate Turbocharger + Aftercooler
Valves per Cylinder:	4
Displacement:	6.7 l
Bore x Stroke:	104 x 132 mm
Max Rated Power:	331 kW / 450 hp @ 3,000 rpm
Max Torque:	1,305 Nm @ 1,800 rpm
Dry Weight:	600 kg
Dimensions (L/W/H):	1,090 x 822 x 788 mm
Emissions:	IMO MARPOL Tier 2; RCD Stage II; EPA Tier 3 Recreational and Commercial; IWV Stage V (N67 170 version)

***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 over 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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