

FPT INDUSTRIAL BRINGS A NEW GENERATION OF ENERGY AT SMM 2024

Turin, Italy, September 3rd, 2024

FPT Industrial, the Iveco Group brand dedicated to the design, production, and sale of low-environmental impact powertrains, goes back to northern Germany to attend **SMM 2024**, the world's leading trade fair and conference event for the maritime industry, held from the 3 to the 6 of September at the Hamburg Messe und Congress GmbH, in Hamburg.

Capitalizing of its very successful debut as independent exhibitor in 2022, FPT Industrial focuses its exhibition (**Hall A3 – Stand 209**) on its **fixed speed G-drive engines line up**, including the **launch of the brand new C16 fixed speed auxiliary for G-drive use for IMO Tier 2, EPA Tier 3, China GB2 markets**. The **N67 G-Drive 129 kW Stage V** and **C90 G-Drive engines**, also for other auxiliary uses, complete the show.



G-Drive marine - Power, reliability and sustainability come on board

The FPT Industrial marine fixed speed G-Drive range offers a reliable set of solutions for on-board power generators to power and satisfy hotel loads for pleasure and commercial applications. Available from 4,5 to 16 L of displacement and in 50 and 60 Hz versions, fixed speed G-Drive engines have been developed to act in synergy with the FPT Industrial Marine propulsion line-up, with power ratings for continuative use capable of a 10% power overload, according to ISO 8528 prime power.

The rich list of available options allows to meet the most different needs, including fuel pump actuators (GAC) for mechanical engines and the electronic speed controller devices for both mechanical and electronic engines.

New C16 fixed speed auxiliary for G-drive use for IMO Tier 2, EPA Tier 3, China GB2 markets – A new development based on C16 600 propulsion engine

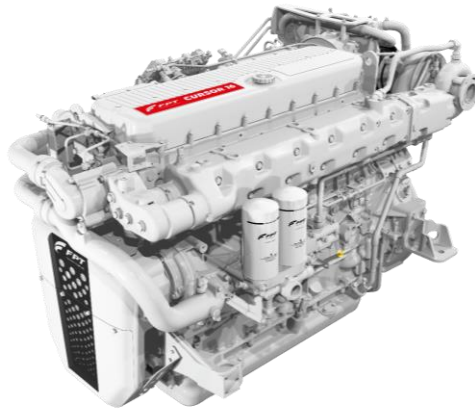
The new C16 fixed speed auxiliary for G-drive use for IMO Tier 2, EPA Tier 3, China GB2 markets **delivers the same performance of the propulsion engine version, to provide abundant, reliable energy to larger pleasure and commercial boats.** Consistently with its Cursor family heritage, the G-drive model debuting in Hamburg provides **16-liter durability with a 13-liter compactness and lightness, extreme robustness and reliability, and for maximized productivity.**

Suitable for onboard generators of 390 KVA 50 Hz and 470 KVA 60 Hz, or fixed speed diesel-electric applications.

Prime Power ratings 331 kWm @ 1500 rpm and 397 kWm @ 1800 rpm are suitable for continuous use, with a 10% overload capability according to ISO 8528.

The main options are the new block heater for uses below -10°C (14°F), the speed controller, the RINA kit and the front PTO.

Heat exchanger and keel cooling versions are available, the installation is on 4 points, while maintenance intervals are at 600 hours.



C16 G-Drive Marine technical specifications

Certification: IMO II, China GB II, EPA Tier 3

No. of cylinders: 6L

Displacement [liters]: 15.9

Injection System: CR

Air Intake: TCA

Prime power (capable of 10% overload): 331 kWm @ 1500 rpm / 397 kWm @ 1800 rpm

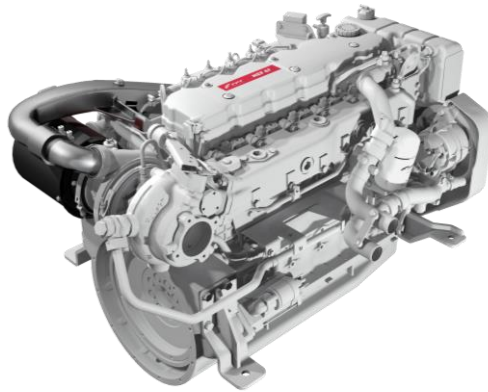
N67 G-Drive Marine – The compact and cost-effective solution

The NEF Series is the **widest among FPT Industrial engine families for pleasure and professional marine duties**, with four different displacements available in mechanical and electronic version.

Fixed speed G-Drive range NEF engines are characterized both by advanced mechanical fuel injection and electronic Common Rail systems, providing high reliability, minimum fuel consumption and up to 600 hours service intervals.

Options include block heater, electronic speed control, PTO, and compliance to Class homologation as RINA.

Innovative technologies and production processes allow NEF engines to save fuel while ensuring maximum performance and reliability. **To reduce maintenance and increase engine lifespan, both mechanical and Common Rail engines adopts plateau-machined cylinder walls and oil-cooled pistons.** In Hamburg, the N67 Marine auxiliary debuts with its new Stage V certification for 129 kW @ 1500 rpm without the need for an ATS, suitable for onboard generators (150 KVA 50 Hz / 60 Hz), diesel-electric and other auxiliary use such as pumps, further widening its field of application to vessels operating in inland waterways, such as rivers, channels and lakes.



N67 G-drive Marine Stage V technical specifications

129 kWm

Certification: IMO-Marpol exempted (<130kW), Stage V (without the need of an ATS)

No. of cylinders: 6L

Displacement [liters]: 6.7

Injection System: CR

Air Intake: TCA

Prime power (capable of a 10% overload): 129 kWm @ 1500 rpm / 1800 rpm

C90 410 G-Drive Marine - High power and torque density coupled to low fuel consumption and TCO

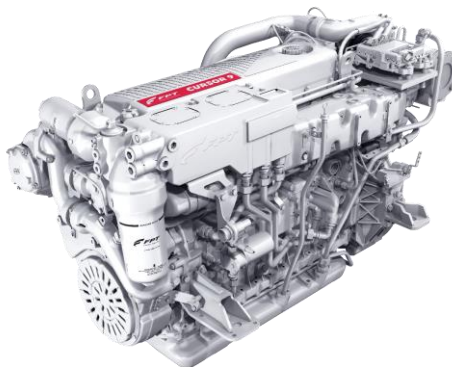
Fixed speed G-Drive range Cursor electronic Common Rail engines are characterized by **easy maintenance, extreme efficiency, structural stiffness, and low vibration and noise, with Cursor state-of-the-art technologies guaranteeing high reliability and great performances.**

The 8.7-liter C90 410 G-Drive Marine engine covers a power range from 192 to 276 kWm in prime power rating developed for unrestricted use and capable for a 10% overload according to ISO 8528, together with low fuel consumption and contained environmental impact. This engine is suitable for onboard generators up to 270 KVA 50 Hz and 325 KVA 60 Hz

Advanced diagnostic equipment allows easier engine servicing, while up to 600 hours oil and filters replacement intervals minimize downtime.

In order to make installation easier, the oil cooler, oil pump, water pump have been integrated into the engine design, while the blow-by circuit is external to facilitate the maintenance.

Options include exhaust systems, electronic speed control, PTO and compliance to Class homologation as RINA.



C90 410 G-Drive technical specifications**192-276 kWm**

Certification: IMO Marpol Tier 2 (IMO Annex VI Technical Code 2008)

No. of cylinders: 6L

Displacement [liters]: 8.7

Injection System: CR

Air Intake: TCA

Prime power (capable of a 10% overload): 192, 230 kWm @ 1500 rpm / 242, 276 kWm @ 1800 rpm

***FPT Industrial** is a brand of Iveco Group N.V. (EXM: IVG), dedicated to the design, production, and sale of powertrains and solutions for on- and off-road vehicles, as well as marine and power generation applications. Over 8,000 people across ten production sites and ten R&D centers work for FPT Industrial all around the world. Active in nearly 100 different countries, its global sales and its Customer Service department supports all Brand customers. The extensive product offering includes six engine ranges with power outputs from 42 hp to over 1,000 hp, transmissions with torque up to 500 Nm, and front and rear axles from 2.45 to 32 tonne GAW (Gross Axle Weight). FPT Industrial offers the most complete line-up of natural gas engines for industrial applications on the market, with power outputs ranging from 50 to 520 hp. A dedicated ePowertrain division is accelerating the path towards net zero-emissions mobility, with electric drivelines, battery packs, and battery management systems. This extensive offering, and its strong focus on R&D, makes FPT Industrial a world leader in industrial powertrains and solutions. For more information, visit www.fptindustrial.com.*

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