

A POWERFUL WAVE OF FPT INDUSTRIAL INNOVATIVE MARINE SOLUTIONS ON DISPLAY AT METSTRADE 2022

Turin, Italy, 22 November 2022

From 15 to 17 November, FPT Industrial attended METSTRADE 2022, the world's largest B2B leisure marine equipment trade show. Sustainability, efficiency, hybrid propulsion solutions and new collaborations are the main themes of the Brand's presence at RAI Amsterdam Europaplein (Amsterdam, The Netherlands).



PRESS RELEASE

IMO Tier III compliant solutions – A new collaboration between FPT Industrial and Frydenbø Industri AS Marine

Developed in collaboration with Frydenbø Industri AS Marine, the authorized distributor of FPT Industrial's products in Norway and Sweden, the Frydenbø ATS for FPT Industrial engines is a simple and flexible system that meets the IMO III emission requirements south of 62 degrees latitude for the reduction of environmental footprint in the maritime industry. Its field of application covers Scandinavia, East UK, North Germany, Denmark and East Canada. Designed and supplied on a projects base and available through selected authorized FPT Industrial distributors, this practical solution delivers additional benefits in term of noise reduction – with an average transmission loss of ~ 35dB (A) over a frequency range of 50-1,500 Hz – and lightness, with less than 300 kg per engine, urea tank included.

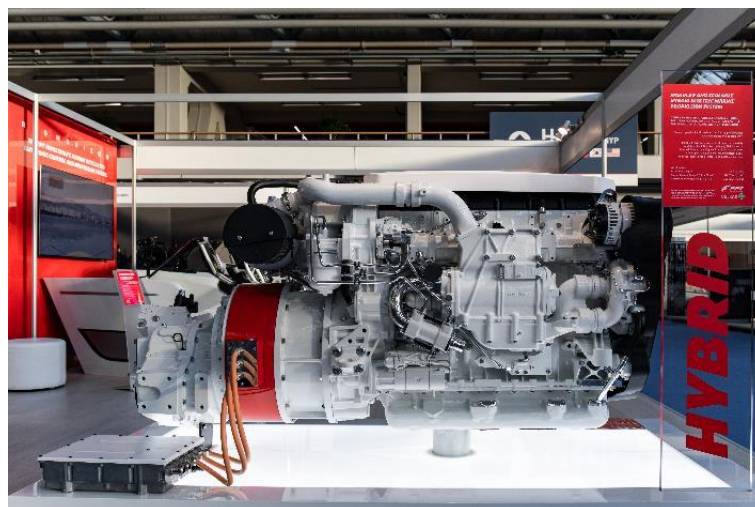
Fabio Rigon, Vice President, Europe FPT Industrial Commercial Operations, says: *“This effective and productive new collaboration with our long-time partner Frydenbø Industri is yet another example of the even wider FPT Industrial strategy, meant to offer innovative, tailor-made and sustainable solutions designed primarily to satisfy its customers and partners.”*

Per **Jarle Røyrvik**, CEO of Frydenbø Industri AS Marine, adds *“Having developed our own ATS/SCR solution for marine propulsion engines - we are now distributing it through the FPT Industrial distributors network as a strategic partner for IMO III emission compliance!”*

C90 650 EVO Hybrid Configuration – The FPT Industrial and Vulkan Hybrid Architect modular and scalable parallel hybrid electric marine propulsion system

Compact Parallel Hybrid is the most promising architecture option for both commercial and pleasure vessels in the 100 to 1,000 hp market, delivering top performance, flexibility and efficiency. Taking that into account, FPT Industrial has decided to create its own system by teaming up with Vulkan Hybrid Architect, a division of the Vulkan Group. Designed to offer reduced maintenance requirements and costs, fuel savings, emissions reductions and exceptional comfort, as well as allowing access to marine protected areas in full electric drive mode, the FPT Industrial – Vulkan Hybrid Architect solution on display in Amsterdam features a FPT Industrial C90 650 EVO diesel engine, a Hybrid Clutch to engage and disengage the ICE, an E-machine in the form of a synchronous permanent magnet and axial flux motor, a frequency converter, a marine gearbox, a mechanical interface, and a vibro-acoustic isolation system.

The Parallel Hybrid systems can be designed in wide variety of different solutions by combining FPT Industrial diesel engines from 125kW to 735kW with proper sizing of e-motors and battery packs to meet any project requirement and customer needs.

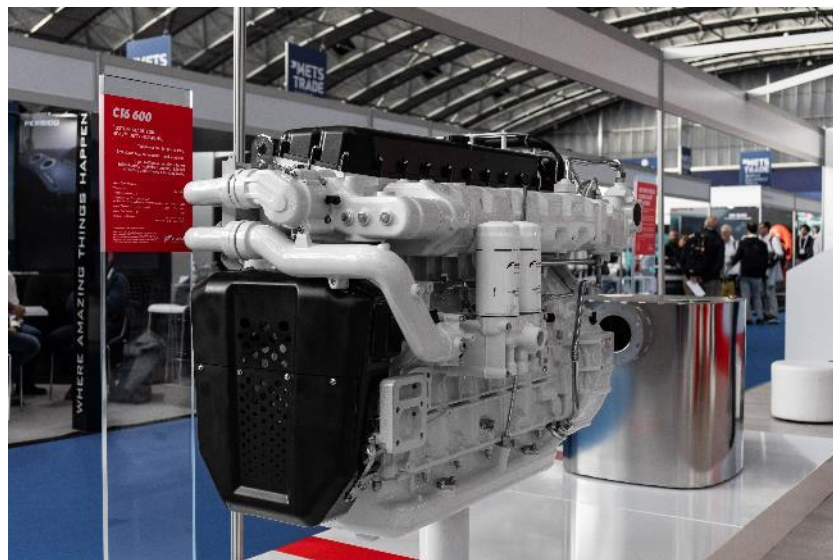


C16 600 Keel Cooling – All waters are good waters

Unveiled at Nor-Shipping 2022, the new keel cooled C16 600 is ideal for push and tug boats, ferries, dredgers and commercial fishing vessels, operating in brown waters, inland waterways and harbors with a relevant and potentially dangerous presence of mud and sand.

Thanks to its position along the keel or incorporated into the hull itself, and therefore in constant contact with the water, such cooling system can efficiently dissipate engine's heat and cool it down, without the need to circulate salt water in the engine. The main benefits include protecting the engine from seawater corrosion, preventing frequent obstruction of the seawater filter and damage to the seawater impeller.

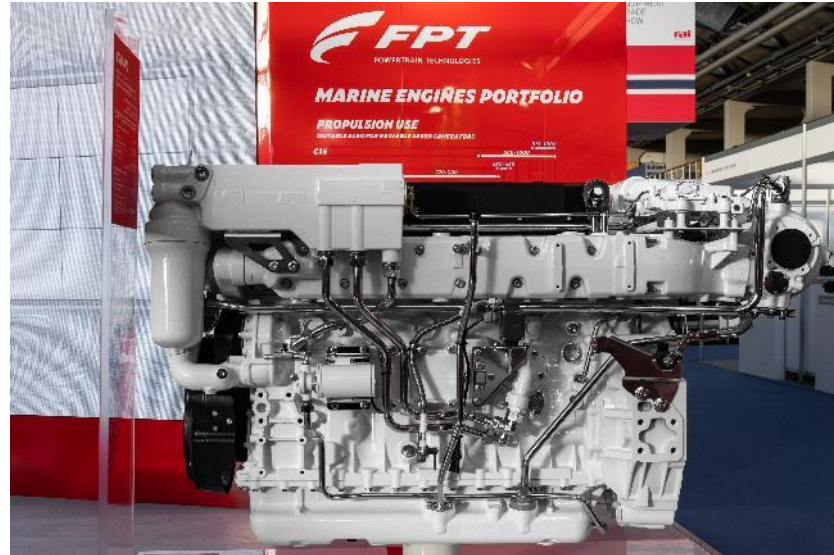
FPT Industrial common rail marine engines, including Keel-Cooled configurations, can be fueled by HVOs and all EN 15940 compatible fuels with no compromise on performance. Reductions in CO₂ emissions of up to 90% can be achieved, depending on the feedstock used in the HVO production.



C90 410 for constant speed generators, propulsions and auxiliaries and Stage V applications - Top performance for medium- and heavy-duty applications

The C90 410 offers outstanding power output alongside high power and torque density, with generous displacement and the highest levels of reliability, easy maintenance and competitive operating costs. It's offered both in heat-exchanged and keel-cooled configurations, all customizable on request, while options include electronic remote control, monitoring systems and compliance with international emission standards, such as IMO MARPOL Tier II, China GB II, EU IWW STV (only for 170 Hp) and RINA propulsion type approval. At METSTRADE 2022,

the C90 410 is also presented as an auxiliary power unit with layout and specific settings focused on marine duties, available for constant speed generators and fixed speed auxiliaries.



Red Horizon – High technology, award-winning style

Developed in collaboration with two leading global companies – ZF and Navico (Simrad) – Red Horizon is FPT Industrial's integration of the most advanced marine technologies in engine, monitoring and control systems, guaranteeing full navigation control and safety, optimal driving comfort, and easy handling and mooring. Available in combination with any top engine from FPT Industrial's Cursor and NEF families, Red Horizon is presented inside a unique environment, inspired by the automotive world, luxury cars and villas, and vintage Italian boats, resulting in a comfortable bridge with a touch of minimalism, where customers can feel at home. This unique style has received two of the world top design awards – Gold Winner of the 2021 edition of the New York Product Design Awards in the Watercraft Category, and the 2021 Good Design Award.



Customer Service – Always standing by the Customers

The Brand's stand at METSTRADE 2022 features a corner fully dedicated to Customer Service, a particularly important area when dealing with marine engines. This corner offers a clear vision of the pillars on which FPT Industrial has built its renowned customer service reputation: reliability, protection and uptime. The common trait of all these areas is delivering the best customer experience and supporting them in the easiest and most efficient manner, so they can rely on our marine engines and spend more time on the water with minimal worries.

FPT Industrial is a brand of Iveco Group (IVG: MI), 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 eleven production sites and eleven 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.

Media contacts

Sara Emilia Benetti, +39 3386674878

Emanuela Ciliberti, +39 3666860754

E-mail: press@fptindustrial.com