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Marell develops hybrid interceptor in partnership with Scania

Marell Boats and Scania Power Solutions accelerate the development of next generation sustainable and technologically advanced vessels as they prepare the launch of the M17 Patrol with a hybrid driveline. The companies are collaborating to create a sustainable and state-of-the-art vessel to meet the increased demand for hybrid solutions. This is a unique partnership covering development, testing, and marketing. The objective is to lead the shift towards a sustainable maritime transport system.

The M17 Patrol will become the most energy efficient hybrid high-speed craft in the commercial market when it will be launched later this year. This is enabled by the combination of Scania's new hybrid technology with Marell's technical boatbuilding craftsmanship. Overall, this is a major step towards environmentally friendly vessels as well as an important stepping-stone towards full electrification of commercial craft.

Operators, police, military, and other government bodies are requesting high-performance boats with hybrid drive systems that can operate at high speeds during long distance transits with low environmental impact. The same boat shall also be able to operate quietly, efficiently, and environmentally friendly in ports, during patrolling missions, in offshore windfarms operations and during sightseeing tours. The Marell M17 series with hybrid solution fulfils all these needs.

“The new M17 Scania Hybrid offers all the capabilities and functions that you can expect from Scania, i.e., electrification and a combustion engine that can run on renewable fuels.”, says Torben Dabrowski, Global e-Mobility Sales Development. He explains further: *“When we are developing Scania's future hybrid and full electric power systems, the conclusion is that these can be highly beneficial in many different applications, for example a powertrain with instant response, exceptional torque and seamless transitions.”*

The M17 is based on Marell's successful and proven M15 platform that was awarded the “Interceptor of the year” by the Baird publication, both 2019 and 2020. The M15 platform was selected as a patrol vessel by the Marine Police in Stockholm and as a fire fighter craft by the Greater Stockholm Fire Department, as well as a sightseeing boat by Hurtigruten Svalbard.

“We started with a blank sheet of paper 5 years ago, to develop the most efficient hull in the market with ground-breaking performance, incl. speed, maneuverability and energy efficiency.”, says Patrik Söderholm, founder and CEO of Marell Boats. He further adds: “We are excited about our partnership with Scania where we together are developing the next generation hybrid and high-performing crafts. Moreover, we want to meet the high demand locally and internationally for vessels with hybrid solutions.”

Marell and Scania will have its first M17 Patrol with hybrid driveline in operation by the fall 2022. The vessel will be promoted in Sweden and internationally at commercial shows as well as events. It will also be used for extensive testing of the hybrid system in rough sea conditions and at high speeds exceeding 55 knots.

With this interceptor, Marell will create a successful and technologically advanced platform to produce high-performance hybrid craft with long-range. M17 Patrol with hybrid driveline will soon be available to commercial customers. This is a major milestone in Marell Boats’ hybrid and electrification journey.

About Marell Boats

Marell Boats is a world-leading high-performance vessel design and engineering company with focus on commercial customers. Together with our customers and partners we lead the development of sustainability solutions, energy efficiency, hybrid drivelines and electrification. The current model range includes M19, M17, M15, M12 and M9, available in Patrol, SAR, RIB, Crew and Tour configurations. The objective is to provide our customers with high-performance crafts, secure working conditions, flexible platforms, and low Total Cost of Ownership (TCO). The vessels are also offered in civilian versions as Custom and Tender models. The shipyard and headquarters are located in Östhammar, 130 kilometers north of Stockholm, in Sweden. For more information: www.marellboats.com.

About Scania

Scania is a world-leading provider of transport solutions. Together with our partners and customers we are driving the shift towards a sustainable transport system. In 2020, we delivered 66,900 trucks, 5,200 buses as well as 11,000 industrial and marine power systems to our customers. Net sales totaled over SEK 125 billion, of which over 20 percent were services related. Founded in 1891, Scania now operates in more than 100 countries and employs some 50,000 people. Research and development are mainly concentrated in Sweden. Production takes place in Europe and Latin America with regional product centers in Africa, Asia, and Eurasia. Scania is part of TRATON GROUP. For more information: www.scania.com.

*“Next generation high-performance interceptors
with focus on sustainability and technology”*



Marell M17 Patrol with hybrid driveline from Scania



Dimensions:

LOA (incl. engines and fender): 17,4 m

BOA (incl. fender): 4.3 m

Deadrise aft: 21 degrees

For further information regarding Marell M17 or other models, please contact us:

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