

Show Report

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Cannes Yachting Festival 2024



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As part of our ongoing effort to collect industry intelligence and information on new products, analysts from Power Systems Research regularly attend major trade shows around the world. We share our findings with you in these Show Reports.

Electric Boats Popular at Cannes Yachting Festival

More than 600 exhibitors from the marine pleasure industry showed off their latest models of boats, yachts, marine equipment and other products and services at the 47th annual Cannes Yachting Festival, Europe's biggest in-water event, just closed its doors. The event ran Sept. 10-15.

More than 50,000 visitors attended the festival and got an excellent note for organization from all participants and visitors. The next year's edition will be held Sept. 9-14, 2025.

The electric marine market has been very dynamic in the last 10 years and electric products and accessories were very popular at the show. Investments in research and development of new technologies and their implementation into boats have been extremely high.

Electric boats and yachts are, as expected, more expensive than traditionally powered boats but in the long term they produce savings on fuel and maintenance. The electric boats boating benefits are still unknown to the large public and need promotion.

Many electric and hybrid boat and equipment manufacturers that we talked with at the show confirm that the market is growing but slower than they had been



Silent Yachts Silent 62

hoping. The EU regulations for CO2 emission reduction in inland and open water, development of infrastructure in marinas, better technologies, safety and capacity of batteries, are still challenging battle fields.

We estimate that the electrification of the marine pleasure industry will have a positive trend in coming

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years. This year growth is estimated to 15% compared to 2023. The years approaching 2030 will bring more opportunities in pleasure segments as popularization of the new style and sustainable boating is seriously taking place in Europe and abroad. The expected growth of the market is up to 20% year by year. The acceleration of the electrification will be probably possible from 2030 when Green Fuels and technologies will be available to replace fossil fuel engines in boats of all types and sizes.

Well-known boat builders mainly coming from Poland and Turkey displayed 170 boats and yacht in size from 8 to 30 meters. Eco-innovations and advanced propulsion systems were present more than ever. Traditionally powered boats and yachts dominated the show, but the electric and hybrid boats and yachts are gaining visibility and attracted extensive interest.

As usual, the biggest and the most impressive displays were those from the luxury motor yachts and super yachts manufacturers as of **Azimut-Benetti, Sunseeker, San Lorenzo, Ferretti, Princess or Fairline. Galeon, Cranchi, Sirena** and other motor yachts builders continuously working on new boat models take up more space at the festival every year.

Motor yachts and superyachts adopt new designs offering a maximal open view to sea, more space and as much as possible sustainable yachting. Alternative fuel propulsion systems are not in application yet but some efforts supporting less polluting navigation in marina are made. Tenders for superyachts are regularly equipped with an electric solution.

Motor yachts in size from to 20 to 24 meters are mainly equipped with diesel **MAN** or **Volvo Penta** inboard engines, superyachts require the MTU or Caterpillar powerful propulsion. Manufacturers of luxury sports cruisers from Europe and overseas countries have been present in a large number. Boats in size up to 20 meters are mainly equipped with Volvo Penta IPS or **Mercury** outboard engines.

Sailing boats and yachts manufacturers like **Beneteau, Hanse Yachts, Dufour, Bavaria Yachts, X-Yachts, Nautor Swan, Gunboat, Outremer, Solaris, CNB, Grand Soleil, Fountaine Pajot**, and others are looking for innovations in design and material to gain in space and light and to get closer to eco responsible yachting.

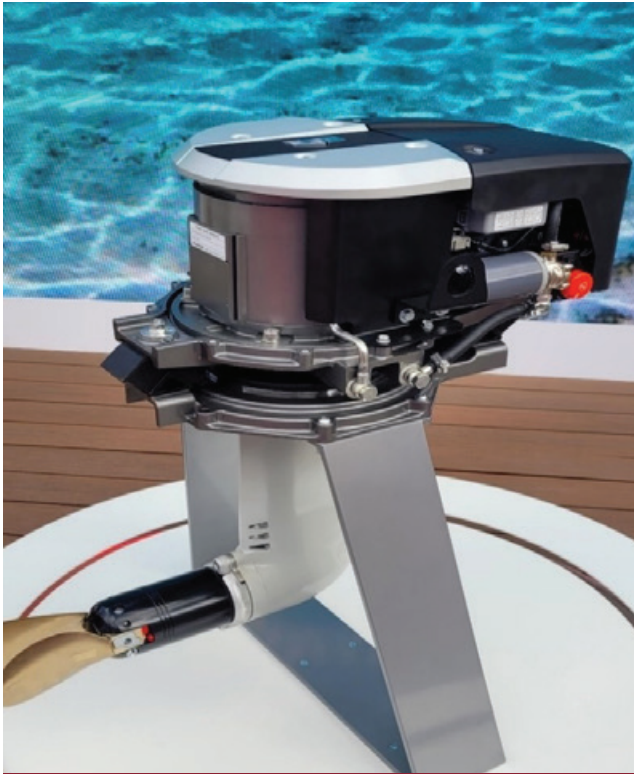


Wider Cat 92



Torqeedo Deep Blue 100i

French Fountaine Pajot is developing an electric/hybrid option for existing models (odsea LAB project). Sailing catamarans **Lagoon** and **Bali**, remain the bestselling yachts at the show. Charter companies' purchase



Yanmar SDe 15 KW

catamarans massively produced globally to satisfy a growing demand. Australian **Seawind** catamaran is entering European market with the new model fully manufactured in recently launched shipyard in Turkey. Sailing yachts and catamarans are powered by Yanmar sail drive engines.

Electric and hybrid boats and yacht manufacturers including **Candela, Wider, Whisper, Silent Yachts, Greenline, Sunreef, Frauscher, Elan, Vaan, Windelo, HH Catamarans, X-Yachts, Axopar, Lumen Yachts, de Antonio Yachts**, and others, created lots of interest at the festival. They are using safe and reliable propulsion systems built in partnership with the most advanced electric and hybrid propulsion systems and components manufacturers such as **Evoy, Huracan, Torqeedo, OceanVolt, MG energy, BMW, Polestar, ePropulsion, e-Motion, Danfoss**, etc. They are promoting slow, silent and eco-responsible boating.

Fossil fuel engine manufacturers such as of **Rolls-Royce/ MTU, MAN, Cummins, Yanmar International, Volvo Penta, FPT Industry, Moteurs Boudouin** presented their

improved engines and propulsion systems for yachts. They are working on upgrading the existing engines to respond to the latest emission standards requirements worldwide. New fuel technologies development is in progress, but it is not expected to be implemented in yachts before 2035.

Yanmar launched a new sail drive electric engine in collaboration with the battery manufacturer MG Energy. Three models SDe7, SDe10 and SDe15- give an output of up to 15 kW for 100% emission free sailing. Mercury launched the electric outboard motor line Avator with power from 7.5 to 110 kW. Torqeedo presented the latest inboard electric motor Deep Blue 100i with a power of 100 kW (135 hp) and the new XP Travel outboard electric motor with the power of 5 hp for inland boating. The high-performant Deep Blue Battery 80 based on BMW technology is launched at the festival. BlueNav invented a retractable electric motor for cleaner navigation for new or existing boats having a diesel engine(s).

Among large motor yachts, luxury superyachts, motor and sailing catamarans, outboard boats, RIB's and other types of boats equipped with one or more fossil fuel engines, the fully electric boats, motor and battery manufacturers drew plenty of attention from attendees.



Moody DS48

The Power Systems Research team spoke with exhibitors about their latest creations, and current market trends. Here are some experiences and thoughts from the field.

The Swedish builder **Candela** is a pioneer in a hydrofoiling electric boat production. After many years of research and development, the first model C-7 was launched in 2019. The latest model C-8 designed in partnership with Polstar was launched in 2023. 25 units of the C-8 design have been delivered. This year's plan is to double production. The leisure market shows a positive trend. Candela heavily invested in the creation of the ferry C-12 having a capacity of 31 persons as the commercial segment has shown great interest in CO2 free boating. Six units of ferries are sold and are in production. They will be used for urban transportation on the lakes.

Whisper Yachts fully designs and manufactures solar powered electric boats in Italy. The first Whisper 50, the 15 meters in lengths boat was presented at the show. It is equipped with two Torqeedo engines of 100 kW and three **BMW** batteries totaling 240 kWh. The boat is designed for slow, silent and clean long-distance boating. The company is launching a new Whisper 40 model in 2025. The model Whisper 60 is also coming soon.

Lumen is the Dutch electric day boat brand launched in 2018. The first E32 model has been replaced by the spacious and stylish E10 model. They are built by **JR** yachts in the Netherlands. The propulsion system is based on the motor built in-house and using **MG** batteries. Six units have been delivered, primarily to boat clubs. The Lumen team is promoting slow, comfortable and responsible boating in the leisure market. Having a traditional elegant style but being modern and different in propulsion, the E10 attracted a lot of attention at the Cannes Yachting Festival.

Evoy, the Norway manufacturer of electric inboard and outboard motors, batteries and chargers, started collaboration with the Finnish outboard boat manufacturer **Axopar** two years ago. The fast-growing brand manufactures about 3500 units of outboard boats per year and is now focusing on sustainable boating. The new AX/E line offers two models of electric boats AX/25 and AX/22 equipped by Evoy electric motors Storm 300+ and Outboard Brees 120+, respectively. The Evoy propulsion systems allow charging batteries from 10% to



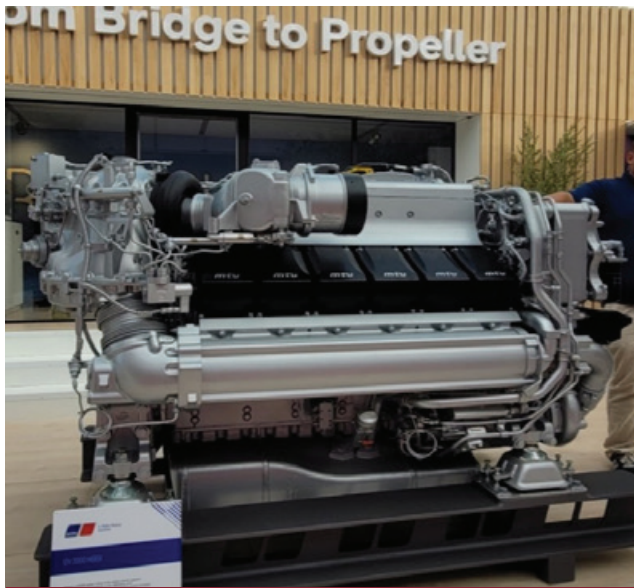
Bavaria C46 with Yanmar 50 hp engine



Wally Why100



EVO R4+



Rolls-Royce MTU engine 12V2000 M96X



Axopar AX/E 25

80% in 45 minutes. Axopar sees double-digit growth of the electric market in the coming years.

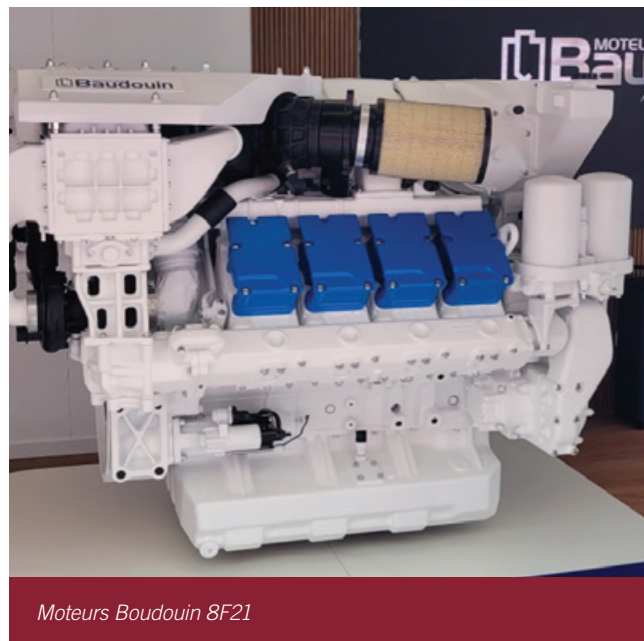
Huracan Marine, the Italian manufacturer of inboard, sterndrive, sail drive and outboard electric motors and batteries, produces products primarily for builders of electric yachts and tenders, such as **Silent Yachts**. However, larger scale sales are expected to come from the commercial segment. The transition of Venetians traditional water traffic canal boats and privately owned

boats to non-fossil engines powered boats should be implemented by 2028. This and other environmental projects directed by the state and municipality administration open new opportunities for business development.

MG Energy Systems presented the latest versions of its battery systems developed for boats and yachts of **Ferretti Spa, Wajer Yachts, Azimut Benetti, Garcia Yachts, Elan, Dragonfly, Windelo, Vaan** and others.

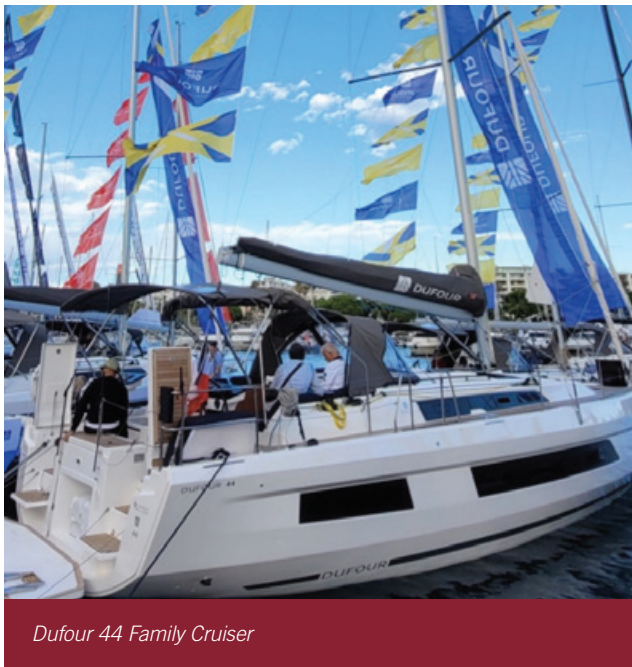


Windelo 54



Moteurs Boudouin 8F21

Product Showcase



Sailing Boats, Yachts and Multihulls

Moody DS48, 15.42 m sailing boat powered by Yanmar 110 hp (150 hp in option) engine

Bavaria C46 sailing boat, powered with Yanmar 50 hp (57 hp in option) engine

Dufour 44 Family Cruiser is launched at the show celebrating 60th anniversary of the company. It is equipped with 50 hp sail drive diesel engine

Australian Seawind Catamaran to enter European market with SW 1170 fully built in Turkey, powered with two 29 hp Yanmar diesel engines

Bali Catamarans celebrated its 10th anniversary, thousand of boats were built in shipyard in Tunisia and sold all over the world

Hanse Yachts launched Hanse 590, 17.6m sailing boat powered with Yanmar 110 hp engine

Electric and Hybrid Boats and Yachts

Candela C-8 DC Polestar edition, 8.5 meters hydro foiling day boat with Candela C-Pod 45/50 kW motor and Battery Polestar 69 kWh

Fast growing **Silent Yachts** (“the Tesla of the seas”) manufacturer of solar powered catamarans launched 18.86 m Silent 62 at the festival, 16 units ordered and scheduled for delivery in 2024 and 2025, it is powered with two 250 kW electric motors and MG Energy batteries

Lumen from the Netherland, fully electric 10 meters elegant day boat with MG batteries, 6 units built by JR Yachts in the last few years. Sales is growing especially to the inland boat clubs in the Netherlands and abroad.

Wider launched Wider Cat 92 at the festival, 28.04 m hybrid catamaran is equipped with two 500 kW electric motors Danfoss and two FPT 349 kW N67 diesel engines

Axopar AX/E 25, 8 meters day boat with a small cabin and equipped with an electric outboard motor Evoy storm 300+ HP and battery pack 126 kWh

Numarine, the Turkish superyacht manufacturer, launched the 30,75 m 30XP explorer powered by diesel-electric hybrid propulsion including two MAN 560 hp engines, 300 kW electric motor and 200 kW battery bank

Windelo 54, improved 16.24m electric catamaran is powered by two electric motors of 20 kW each, and the MG battery pack 53.8 kWh, 18 kW generator set is installed as a backup. Windelo is one of the most advanced Clean Ocean Sailing pioneers.

Frauscher full electric sport boat, 850 Fantom Air, based on the Porsche’s Macan components, electric motor of 400 kW and lithium-ion battery with 100 kWh capacity

De Antonio E23, 7.2 meters full electric day boat with integrated foils, 50 kW power and 40 kWh batteries – The first official electric boat of the American’s Cup

Vaan Catamaran R5 – Nominated multihull for 2025; 14,95 meters long sailing catamaran powered with two Oceanvolt electric motors of 30 kW each and MG 86.4 kWh battery pack, the hull is totally made of recycled aluminum

Axopar AX/E 22, 7.2m full electric day boat with Evoy propulsion system – outboard Breeze 120+ HP and 63 kWh battery pack



Evoy Breeze 120 and 63 kWh battery pack



Solaris Power 60

Electric Equipment and Solutions

Evoy outboard electric motor Breeze 120 and 63 kWh battery pack created for Axopar's AX/E 22

Yanmar launched its first electric propulsion sail drive engines, the new product line includes SDe 7kW, Sde 10 kW and SDe 15 KW showing here

Torqueedo Deep Blue 100i, the new inboard electric motor with output of 100 kW and 900 rpm with BMW i3 lithium-ion technology battery

Torqueedo new high-performance Deep Blue Battery 80 based on Lithium-Iron-Phosphate (LFP) technology with 79.2 kWh capacity

Huracan Marine from Italy develops electric motors and batteries ten years, outboard, inboard and sterndrive electric solutions were presented at the show. Here is an inboard motor Thor EP120, 160 hp, 6000 rpm.

Mercury Marine new electric line Avator, 35e with lithium-ion battery 2300 Wh, 18.6 kg. The new electric outboard line includes also Avator 7.5e, Avator 20e, Avator 75e and Avator 110e

BlueNav presented the BlueSpin electric outboard motor in 8kw, 15kw and 30 kw options, easy integration in all types of boats, electric propulsion in 360 degrees

Sports Cruisers, Motorboats and Yachts and Superyachts

Wally Why100, 21,46 m motor yacht powered with two Volvo Penta D13 IPS1200 (900 hp) or Volvo Penta D13 IPS1350 (1000 hp)

Nautor Swan's very first motor yacht launched this year, 23.2 m yacht is equipped with two or three 1000 hp Volvo Penta engines. Nautor Swan traditionally builds sailing yachts. Nautor Swan merges with SanLorenzo Group this year.

Italian's **EVO** launched for its 10th anniversary EVO R4+, 13 m day boat equipped with two Volvo Penta IPS650 (480 hp) engines

Arcadia A96, 29.07 meters superyacht, equipped with four Volvo Penta IPS1350 (1000 hp) engines.

Solaris Power 60, new launched cruiser 18.29 m in length and powered with two Volvo Penta D6 IPS800 (625 hp), IPS950 (725 hp) or D13 IPS1350 (1000 hp) in option

Sanlorenzo launched superyacht SP92, 27.95 m luxury yachts id powered with two MAN V12-2000 HP

Benetti Superyacht Orenda, 40 m, launched at the festival, powered with two MAN engines 1400 hp each

Beneteau launched Swift Trawler 54, 17.13 m trawler powered with two Cummins QSB 6.7 550 S engines

Otam 27,75 m superyacht is powered with two MTU 16V2000 M96L engines, 2400 hp each

Dracon, new brand from Poland, presented Dracon 42, 12.6 m motorboat powered with two Mercury HPV10 ES, 300-400 HP outboard engines

Wajer 44S launched at the festival, 13.10 m sports cruiser powered with two Volvo Penta IPS500 (380 hp)

Tesoro Yachts World Premiere, T50 Special, 16.25 m cruiser fully customized by Armani/Casa and powered with two Volvo Penta IPS600 (440 hp) or two Volvo Penta IPS800 (625 hp) engines



FPT N67 570 EVO with 561 hp

Engines

Rolls-Royce MTU engine 12V2000 M96X, power 2002 mhp, speed 2450 rpm, certified IMO Tier II/EPA 3

MAN V12-2200 Yacht line diesel engine – The next-generation MAN engine 2200 hp power and 2300 rpm speed, certified IMO II, IMO III. EPA Tier 3

Moteurs Boudouin enters the pleasure boat market with new 6F21 and 8F21 diesel engines of 1000 and 1360 hp respectively, 2300 rpm for motoraychts



De Antonio E23

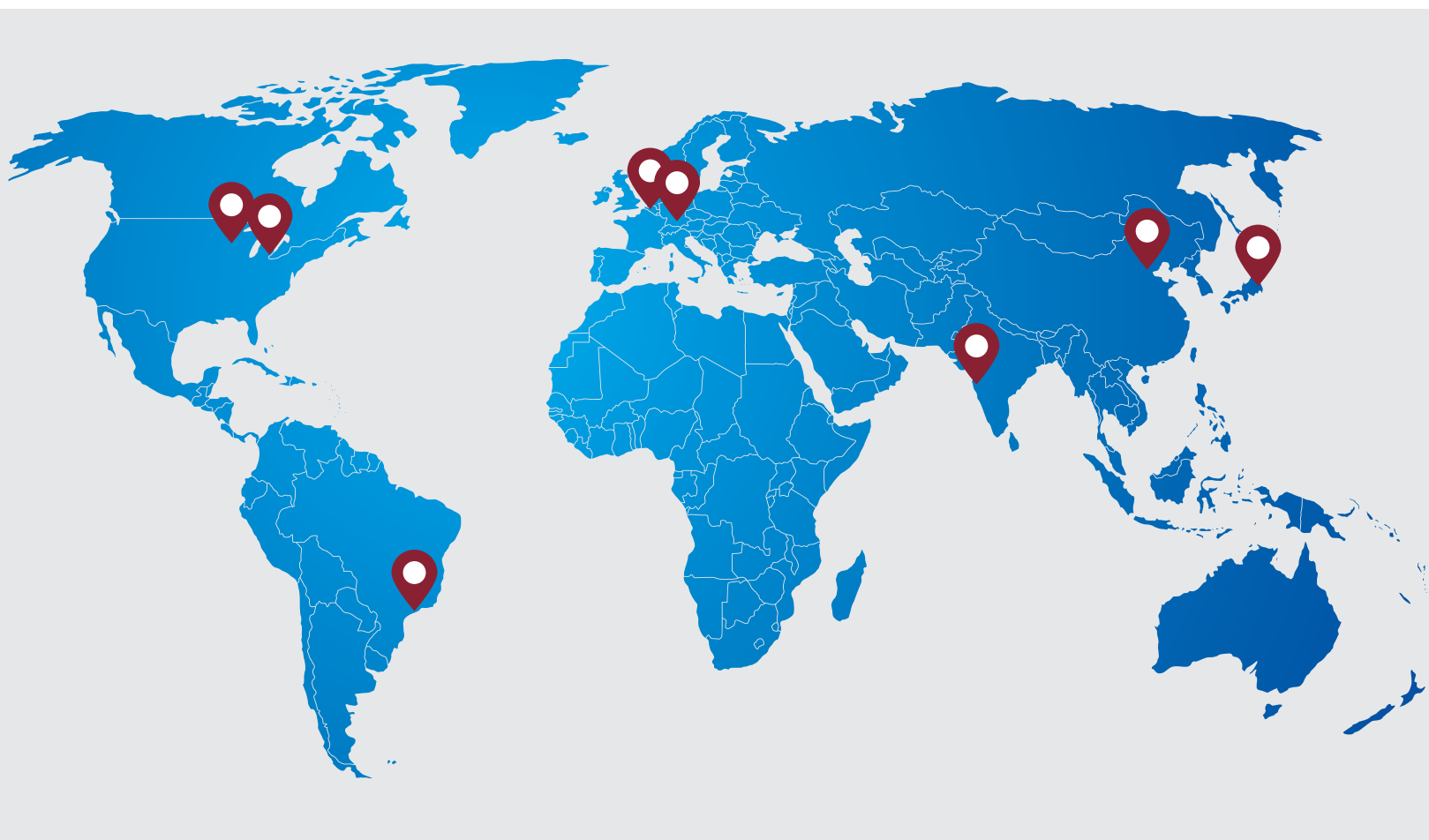
FPT N67 570 EVO with 561 hp/419 kw power, IMO Marpol Tier II, EU-RCD Stage II, and USA -EPA Tier 3 emissions regulation certified

Cummins launched B4.5-250 marine auxiliary and propulsion engine having an output of 102-250 hp and certified EU Stage V, IMO Tier II, EPA Tier II

Yanmar's latest 6LF Common Rail diesel inboard engine line for superyachts tenders and motorboats up to 55 ft, in options 485 hp, 53 hp and 550 hp, EPA Tier 3 and EU RCD Stage 2 emissions regulation. **PSR**



Wajer 44S



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