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# Moonen Yachts choose Stabilis Electra by CMC Marine

July 11, 2011

The Stabilis Electra, the revolutionary system stabilizer fins with electrical actuator – studied, developed and patented by CMC Marine, is confirmed as a product of great interest to the recreational boating and luxury yacht market. In fact, since the first system installation in June 2010 on a San Lorenzo 82 motor yacht, a remarkable 20 systems have been ordered from superyacht shipyards. The twentieth system was signed by the Dutch shipyard Moonen for the new [Moonen 82 Alu motor yacht](#).



Moonen Yachts choose Stabilis Electra by CMC Marine

After [Sanlorenzo](#), [Benetti](#), [Dominator](#), and [Cantiere delle Marche](#), the well-known Dutch shipyard [Moonen](#) has also chosen the **Stabilis Electra**. The selected stabilization system for the 25m aluminum yacht **82' Alu**, Moonen is building at its Hertogenbosch yard, in the Netherlands, is the **Stabilis Electra** with **1.00 sqm fin**. This is the twentieth electrical stabilization systems CMC Marine has received the order for since when, in **June 2010**, the first system was commissioned, tested and verified together with [Sanlorenzo](#) shipyard on a new **SL82**. After that system, the Ameglia based shipyard continued to work with CMC Marine by ordering seven more electrical systems for luxury yachts from 72 to 108 feet. Simultaneously, the [Benetti](#) shipyard chose Stabilis Electra for its new model range, the [Delfino 93 motor yacht](#), officially presented for the first time at the Cannes Boat Show 2010, confirming the choice for the following sisterships.

The **Stabilis Electra** stabilizers are the first stabilization system in the world to be actuated with an electrical motor instead a traditional hydraulic system and are an international patent of CMC Marine srl (European patent p. 2172394 and U.S. Patent p. 12/571842). The electric actuator advantages compared to a traditional hydraulic system are many and can be briefly summarized as follows:

- Higher rotation speed which greatly improves the stabilization anchor
- No significant loss of power that means the need of installed power is lower
- Significant reduction of the absorbed power (even more than 50%)
- Reduced weight of the actuator
- Reduced volumes
- High reduction of the system noise
- Easier installation with the consequent drastic reduction for the shipyard in installation cost and times.
- High system reliability
- Simplified maintenance.

Today the consolidated range of Stabilis Electra consists of two models, the **18BR** for boats from **24 to 35 meters** and **16BR** for boats from **18 up to 24 meters** that was recently presented and already installed on two Sanlorenzo SL72 motor yachts. The larger models are being drawn up, for applications on **superyachts from 35 meters up**.

The range **STABILIS ELECTRA** is perfectly integrated with the established range of products of **CMC Marine**, which includes a full range of hydraulic stabilizer fins, named **STABILIS MECHANICA**, with fins ranging from 0.75 to 4 square meters and the series **Dualis**, hydraulically or electrical dual counter-rotating propellers thrusters with power ranging from 35 to 130 kW.

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