

growing exponentially since 2013. Today there are about 30 possible configurations thanks to 7 diverse series of actuators coupled to as many as 14 different sizes of fins and to 12 classes of motors. SE systems can currently be installed into a wide range of diverse yachts from fast planing ones to slow displacing ones measuring from just 20 metres up to 80. Latest generation engineering means that SE guarantees easier to install more flexible systems. The latest series sports an auto or self adapting software under Italian patent called Dialogue which guarantees excellent performance and enhanced efficiency. Since Dialogue possesses more versatility it can integrate SE stabiliser systems with other CMC Marine

gear such as electric thrusters of the company's Dualis Electra series run through a single CMC Marine control station situated in the wheelhouse. This presents obvious advantages in terms of ease of use and monitoring. The integration into a single control station translates into accrued efficiency which is energy saving. At entry level of the SE range there's the 40 model for yachts between 20 to 25 metres through to the largest 200 SE which is dedicated to yachts from 60 metres up with fins which vary accordingly from 0.4 square metres to 5.00 square metres.

Flanking this, CMC Marine as mentioned earlier, to satisfy growing requests has produced three diverse systems divided



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into three separate categories: the SR Short Range, the HS High Speed and the LR Long Range.

The SR Short Range – registered in 2016 currently covered by temporary patent is suitable for yachts less than 20 metres. This product features great innovation, it involves a Brushless Torque electrical engine coupled to a reducer (There are three different power houses available). The design is unique, compact, weight saving, of low consumption and is easy to install. The system can also be powered by 24V DC.

The HS system has been designed for planing yachts with cruising speeds above 24 knots. This latest, sports several novelties when compared to the previous range among which: optimized profiling of the fins which perform better and reduce drag. The adoption of new smaller more performing

electronic components which can monitor the position of rudder blades and other performance related surface areas as well as the stabilizing fins themselves.

stabilizing fins themselves.
The new LR system is ideal for displacing and semi-displacing yachts. Here again more performing and more compact actuators by comparison

to previous SE systems

delivering the same output offer obvious advantages flanked by new fin designs for displacing yachts with surface areas of up to 5 square metres. Thanks to new electronics offering more capacity it is now possible to integrate, monitor and run up to 8 separate moving parts below the waterline such as two pairs of stabiliser fins, rudder blades and so on. Sensors to



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talking about size which plays a much more important role then otherwise. The owners find themselves with easy to run, cheap to use in terms of consumption, little maintenance and last but not least low noise levels. Talking of which, our plants' average noise levels measured in decibel are around 40/45 decibel, which is considerably less than the 58/60 decibel hydraulic stabilising plants produce. But what's important to us what is a great advantage for CMC is to have been able to produce a reliable long lasting product, which is also easily adaptable to diverse types of yachts, and is also simple enough to handle in terms of servicing''.

CMC Marine plants have already been chosen among the most renowned Italian shipyards as Benetti, Sanlorenzo and Rossinavi, Azimut, Mangusta and Overmarine and by some European ones like Moonen and Sunseeker.

For further information www.cmcmarine.com

The Mangusta Grandsport 54 which is currently in construction at the Overmarine Pisa shipyard, is the first flag ship initialled by Alberto Mancini and is due to hit the water in mid 2018. It has been installed with CMC Marine electric stabilisers and bow thrusters. The advantages reported by the shipyard, highlight the low noise impact first and foremost since the noise levels near the guests' quarters don't exceed 45 decibels while preceding hydraulic models produced 80 decibels.



