

# A QUESTION OF BALANCE

Because they eliminate roll and make life aboard so much more pleasant, stabilisers have become something of a must even for smaller craft. Now Quick has developed the MC<sup>2</sup> range to steady everything from tenders to superyachts

by Fabio Petrone



Whenever technology pushes a boundary and changes the state-of-the-art of an object or system, it creates new standards that we quickly become used to, particularly if they improve our quality of life. Once you have tried out certain things that make life easier, you simply never look back. This is a time when boats are changing rapidly thanks to digitalisation which is driving us in the direction of Yachting 4.0. In recent years, stabilisation systems have radically improved onboard comfort. Aside from the fin systems used more commonly on large and very large pleasure yachts, regular motoryachts tend to use gyroscopic systems. So how do these work? Technically, by angling the axis of rotation

of a mass (flywheel) rotating at high speed, they induce longitudinal precession in it, which creates transverse gyroscopic torque. This is then used to counteract the rolling motion of the boat. It is all a bit technical but happily, most of us can just lie back and enjoy the near-miraculous effects: once gyroscopic stabilisers are activated, they will almost completely stop the boat's natural roll. Just how far technology has evolved in this specific area is underscored by the MC<sup>2</sup> Quick Gyro stabiliser range developed by Quick Spa, which uses a rotation system for the rotating mass or fly wheel on a horizontal axis. Aside from reducing potential mechanical stresses, this also reduces



One of the Quick stabiliser signatures is the flywheel which rotates on a horizontal axis and cools through natural heat dissipation. The MC² stabilisers are controlled from a remote soft-touch panel with graphic display that can also interface with a craft's existing navigation electronics. They are also controlled from QNN – Quick Nautical



friction and thus heat generation. Any heat that is generated can be dissipated naturally without any need for cooling systems which would involve tubing, intakes and water pumps. This means that the Quick system is exceptionally efficient as well as very reliable, extremely compact, and easier on power. The MC² Quick Gyro range of stabilisers is also ideal for lighter craft, such as day cruisers or limousine tenders, regardless of their hull shape, construction material or type. They are proving particularly successful for fly motoryachts. Because of the height of their centre of gravity, this kind of craft is more inclined to rolling. Sport fisherman users are also really catching on to the upside of the MC² Quick Gyro

systems too as they are realising that fishing is a whole other experience aboard a boat that sits quietly on the water. The same applies to owners who want to spend time aboard with friends and either chill out or party. Simple to install, engineered to be genuinely plug & play, the MC² Quick Gyro stabilisers range starts off at the entry level X2 model for craft from 20' upwards and goes all the way up to the X56 for boats of up to 250 tonnes. The X2 and X3 are 12V DC-powered units with dedicated battery packs which means there is no need for a generator. Also the X5, X7 and X13 (which are normally AC) are available in 12V DC versions. [www.quickitaly.com](http://www.quickitaly.com)