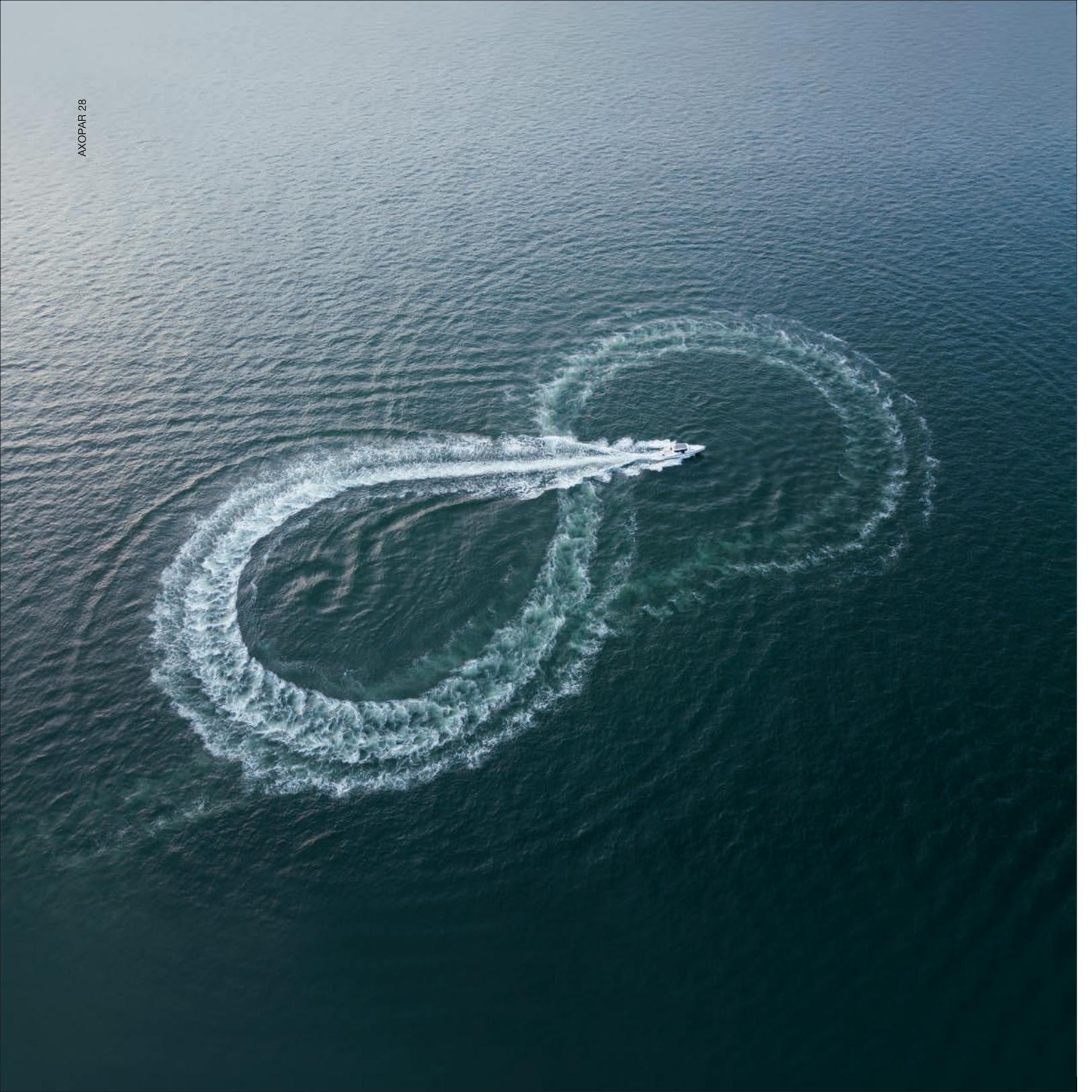




m²
QUICK GYRO



mc²
QUICK GYRO

by QUICK SpA

360° NAUTICAL EXPERTISE

Since 2017, when the MC² gyroscopic stabilizer was acquired, Quick Spa has relaunched the brand internationally with a new product range developed by the Quick engineering team. Today, MC² Quick Gyro is a 100% made in Quick product, thanks to the pluriennial experience in the nautical market.



QUICK SpA, global leader in the production of nautical equipment, is a trusted supplier of the best shipyards and quality assurance for ship-owners and yachtsmen.

Quick SpA distributes and guarantees a qualified support service in over 110 countries.

The company began its expansion on the nautical market in 1992, drawing from its experience acquired in the industry since the early 1980s.

The Quick SpA production and administrative headquarters is spread over 30,000 square metres (322,917 sf). The company's machine fleet is concentrated in the metalworking factory, CATT srl, a company acquired in 2003 and adjacent to the corporate headquarters. This operating structure has allowed the company to raise the quality of products, to respond proactively to the need for custom productions, to create new items according to specific customer requests, and above all to demonstrate MADE IN ITALY excellence.

PARDO 50 - CANTIERE DEL PARDO

PARDO
YACHTS

LET YOUR LIFE BE PERFECT



MC² Quick Gyro gyroscopic stabilizers can reduce boat roll up to 95% and are really effective both during sailing and at zero speed. This range has been designed to meet any customers' requirement, from small day cruisers or center consoles to the superyachts, with no installation limits both on new build and retrofit.

MC² Quick Gyros offer unique features and are the result of continuous research aimed at improving performance and guaranteeing maximum safety.

FLYWHEEL
ROTATION

BOW/STERN

mc²
QUICK GYRO



RAPID “SPOOL UP”!

With MC² Quick Gyro you can quickly improve comfort. The X2 DC, the smallest model of the range, is already running in just 8' and in 10' it eliminates the roll (95%). In the medium sizes, MC² Quick Gyro stabilizes in around 15' on average.

Comfort without compromises, also due to the low noise level that does not disturb life on board.

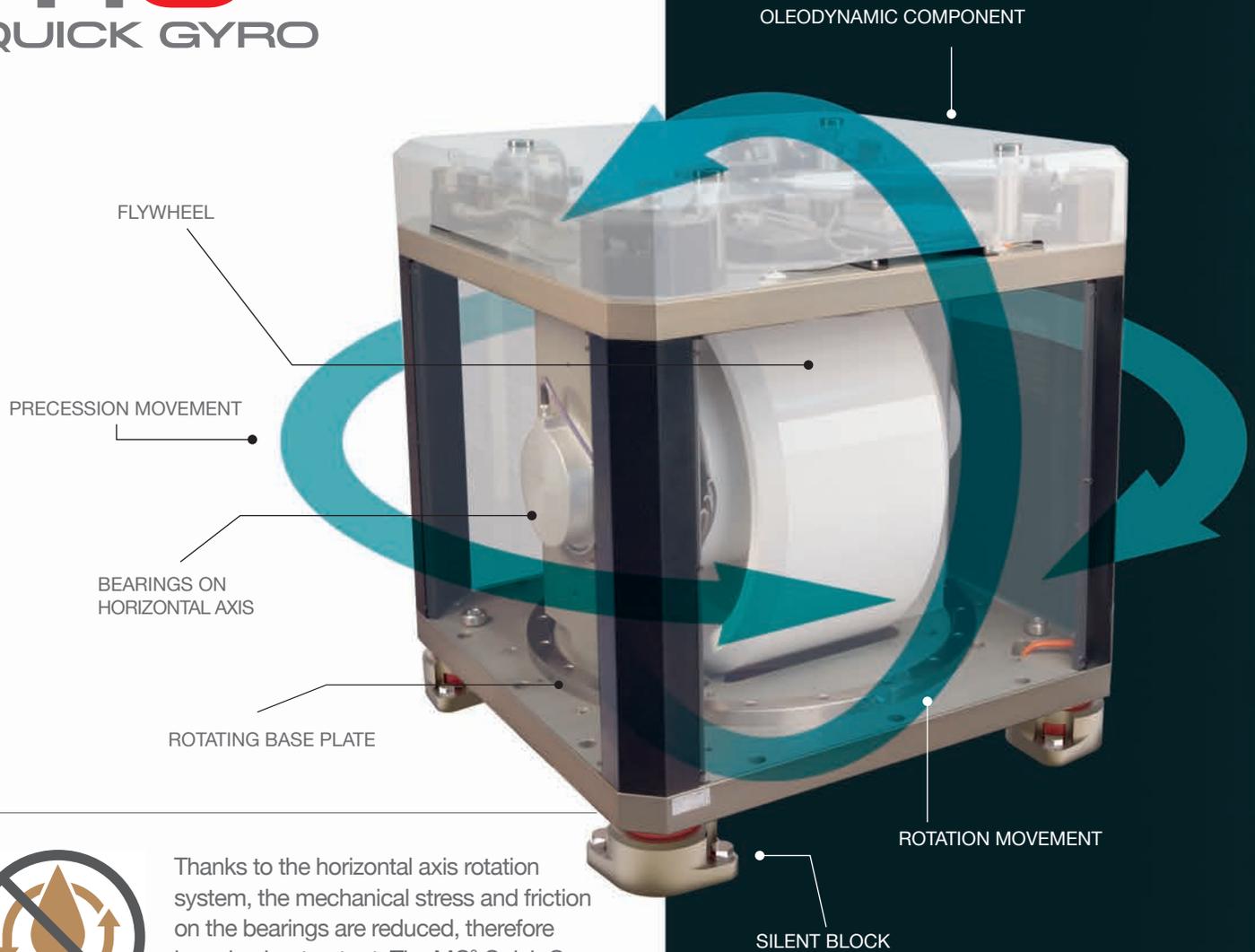


IN ANY CONDITION, ON ANY BOAT ZERO ROLL, MAXIMUM COMFORT



Download the MC² Mobile App to record the performance of the stabilizers. With the MC² Mobile App, you can check the roll reduction percentage, the improvement in comfort, and other interesting details. MC² Mobile App can be installed on smartphones and tablets (iOS and Android).

mc² QUICK GYRO



Thanks to the horizontal axis rotation system, the mechanical stress and friction on the bearings are reduced, therefore lowering heat output. The MC² Quick Gyro is a natural dissipated system, thus it does not require water pumps or seawater inlets, unlike water-cooled systems.

THE FLYWHEEL ON THE HORIZONTAL AXIS

LESS STRESS, MORE ADVANTAGES

The MC² Quick gyroscope flywheel rotates around a horizontal axis, evenly distributing the weight on the bearings, unlike other models with a vertical axis that primarily work on the lower bearing.

The weight is distributed better, hence it requires less rotations and less effort and promotes quicker stabilization.

These advantages make the product easy to install and reduce the need for maintenance; moreover, no water pumps or additional seawater intakes are necessary.

Thanks to an adequate ventilation in the installation compartment, or the use of an air conditioning system, the proper operation and maximum performance of the gyroscope are guaranteed.



IN SHORT, WITH LESS STRESS ON THE BEARINGS THERE ARE BENEFITS AND ADVANTAGES TO BE GAINED.

THE MASS CAN BE CALIBRATED AT A HIGHER WEIGHT, PROMOTING A REDUCTION IN RPM.

THE BENEFITS OBTAINED ARE ESSENTIAL FOR THE PRODUCT'S FUNCTIONALITY AND DURABILITY.

- RAPID "SPOOL UP"
- LOW HEAT GENERATION
- LOW MAINTENANCE



EVERY BOAT IS THE RIGHT ONE FOR A QUICK GYRO

The range includes two series of models
X DC Series, 12V DC powered and integrated driver
X AC Series, AC powered with external Driver Control



TARGA 66 - FAIRLINE



With the installation of multiple units, the MC² Quick Gyro can stabilize boats up to 250 tons.

THE COMFORT THAT MAKES YOUR BOAT GREAT

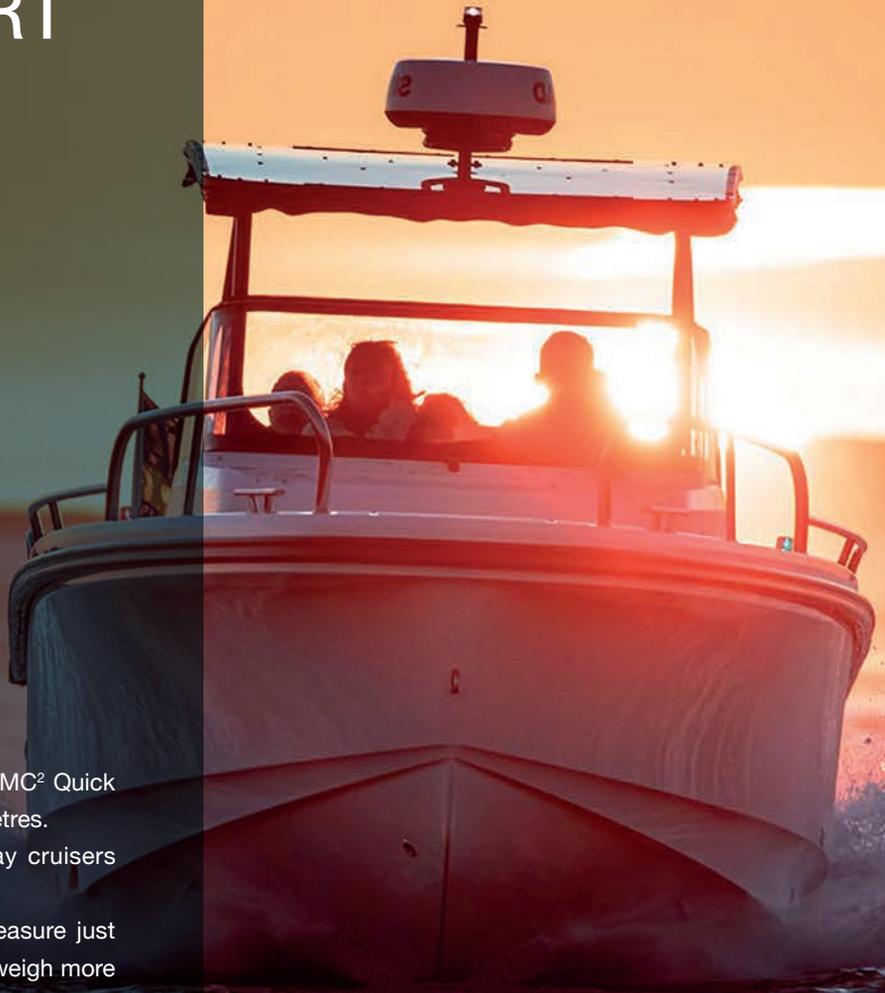
There are no limits to being able to install an MC² Quick Gyro stabilizer, not even for boats under 10 metres.

On board center console boats or small day cruisers there is enough space for the DC models.

The X2 and X3 DC with integrated driver measure just 42x42x48 cm (16,5x16,5x18,5 in) and do not weigh more than 130 Kg (289 lb).

A MC² Quick Gyro makes any type of hobby or enjoyment more pleasant; being able to stabilize a boat is no longer an exclusive benefit for luxury yachts.

It is an added value available for everyone.



X DC 12V

IGNITION PROOF



MC² Quick Gyro DC stabilizers are LC Marine certified and therefore protected against the ignition of flammable gases in the surrounding environment.



DANGER
ROTATING PARTS!

AVVERTENZE
Da non toccare né permettere a nessuno, anche il personale di manutenzione, di toccare, di avvicinarsi o di intervenire in qualsiasi modo sui componenti in movimento, anche dopo l'arresto, fino a che non siano stati fermati e bloccati. Il personale di manutenzione deve indossare guanti di protezione personale prima di intervenire sui componenti.
ATTENZIONE
Non intervenire in caso di problemi che si verificano all'interno di un componente. In caso di problemi di manutenzione, il tecnico deve sempre prima fermare il sistema e bloccare i componenti prima di intervenire. Non intervenire sui componenti in movimento. Non intervenire sui componenti in movimento.
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mc²
QUICK GYRO
X13

EASY INSTALLATION

BOTH ON NEW BUILD AND REFIT

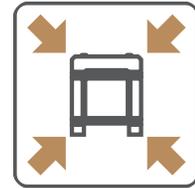
The MC² Quick Gyro gyroscope is compact and structured to be easily installed on any type of boat. The product is supplied ready for installation with mechanical anchoring and connection to the power supply.

These features also make it ideal for refitting.

The gyroscope's functions are controlled by two fundamental components of the system - the driver and the control panel.

Installation is exclusively carried out by authorized Quick centers.

The company's technical support ensures that each installation is performed properly and certifies its proper operation with the "Quick commissioning."



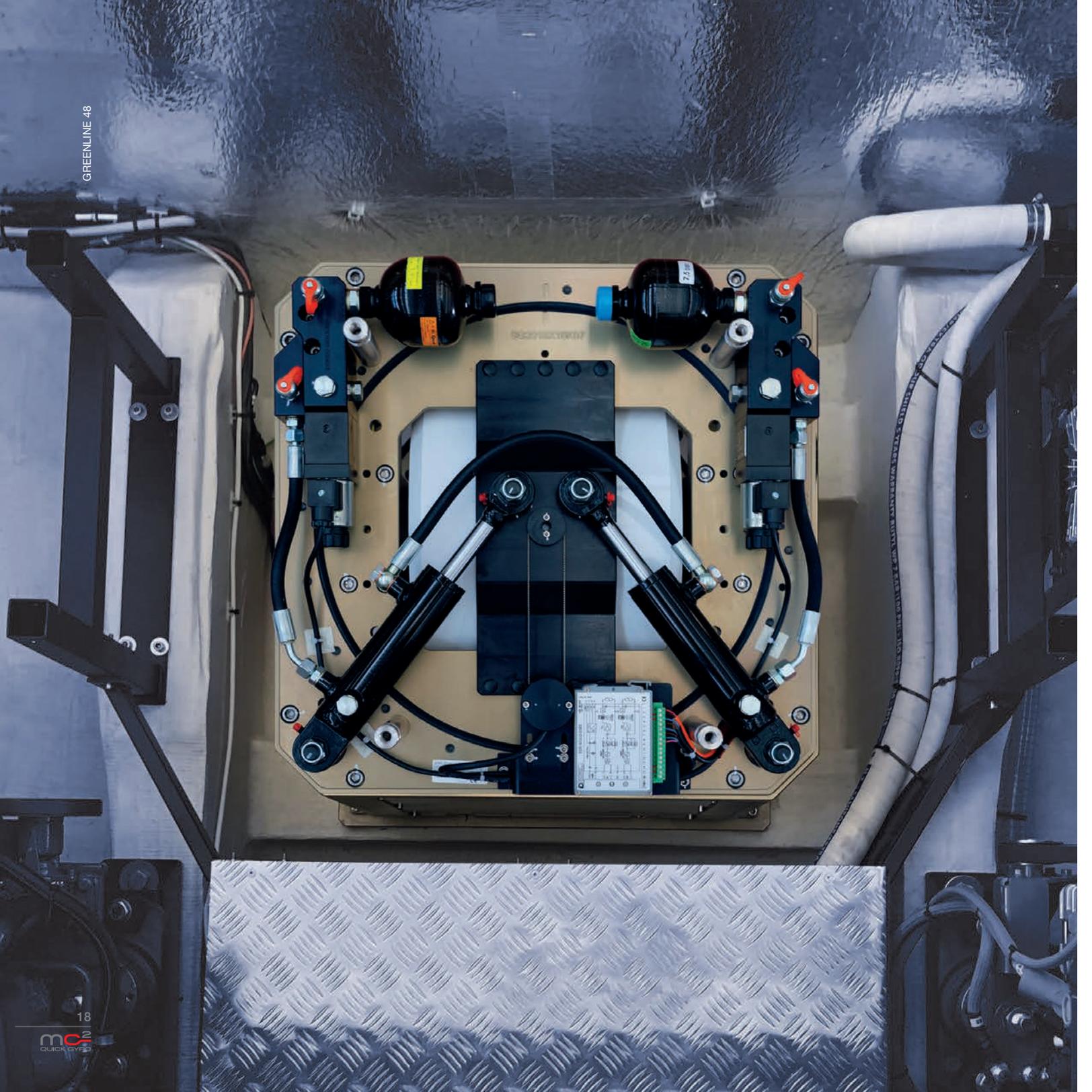
VANADIS 31M - CCN - MC² X56



GREENLINE 39 - MC² X7



PARDO 43 - MC² REMOTE CONTROL 5"



LOW MAINTENANCE, DIRECTLY ON BOARD

The MC² Quick Gyro stabilizer, like any machine, needs periodic maintenance to be able to ensure that it always operates properly.

Periodic maintenance can be performed on board the boat, without having to dismantle the stabilizer. MC² Quick Gyros are protected, but not vacuum sealed, therefore they are easy to inspect.

The Remote Control displays a notice for the necessary periodic maintenance that must be performed by Quick authorized staff.



MC² REMOTE CONTROL



MC² X2 DC
12 Vdc
6000 RPM
551 N·m·s
2000 N·m



MC² X3 DC
12 Vdc
7000 RPM
643 N·m·s
3900 N·m



MC² X5 DC
12 Vdc
4800 RPM
1811 N·m·s
5560 N·m



MC² X7 DC
12 Vdc
4800 RPM
2174 N·m·s
6678 N·m



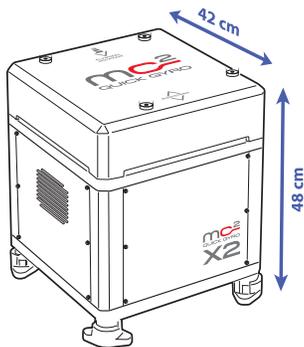
MC² X10 DC
12 Vdc
6000 RPM
3120 N·m·s
10342 N·m



MC² X13 DC
12 Vdc
4800 RPM
4185 N·m·s
12850 N·m

X2 and X3 DC, mini gyro stabilizers

extremely small dimensions



X DC series for 12V systems

The range MC² Quick Gyro DC for 12V systems is designed to meet the growing demand of the ship owners, by offering more specific and tailored products. The series includes the brand new X2-X3 as well as X5-X7-X10-X13 models, available as DC 12V versions.

With integrated drivers, these stabilizers are extremely cutting-edge, designed for performance and plug & play installation.

The MC² Quick Gyro X2 and X3 have been designed to be installed on smaller size boats. The MC² Quick Gyro X2 and X3 are perfect for center consoles or small size day cruisers, they are 12V DC battery-powered. They are extremely light in weight and characterized by a compact design.



MC² X5
90-240 Vac
4800 RPM
1811 N·m·s
5560 N·m



MC² X7
90-240 Vac
4800 RPM
2174 N·m·s
6678 N·m



MC² X10
12 Vdc
6000 RPM
3120 N·m·s
10342 N·m



MC² X13
90-120 / 200-240 Vac
4800 RPM
4185 N·m·s
12850 N·m



MC² X16
90-120 / 200-240 Vac
5000 RPM
5325 N·m·s
16350 N·m



MC² X19
90-120 / 200-240 Vac
5300 RPM
6090 N·m·s
18700 N·m



MC² X25
200-240 Vac
4000 RPM
8293 N·m·s
25464 N·m



MC² X30
200-240 Vac
4500 RPM
9878 N·m·s
30333 N·m



MC² X40
200-240 Vac
3500 RPM
13132 N·m·s
40624 N·m



MC² X56
200-240 Vac
3500 RPM
18000 N·m·s
55882 N·m



MC² X75
220-240 Vac / 380 Vac
4000 RPM
27153 N·m·s
75000 N·m



Models



MODEL	MC² X2 DC	MC² X3 DC	MC² X5 DC	MC² X7 DC	MC² X10 DC	MC² X13 DC
Input voltage	12 Vdc					
Rated speed ⁽¹⁾	6000 RPM	7000 RPM	4800 RPM	4800 RPM	6000 RPM	4800 RPM
Angular momentum ⁽²⁾	551 N-m-s	643 N-m-s	1811 N-m-s	2174 N-m-s	3120 N-m-s	4185 N-m-s
Output torque ⁽³⁾	2000 N-m	3900 N-m	5560 N-m	6678 N-m	10342 N-m	12850 N-m
Spool-up time to rated RPM	10 min	15 min	18 min	20 min	24 min	32 min
Spool-up time to stabilization	8 min	10 min	14 min	16 min	20 min	30 min
Power absorbed ⁽⁴⁾	400 ÷ 700 W max	650 ÷ 900 W max	650 ÷ 900 W max	700 ÷ 1100 W max	1200 ÷ 1600 W max	1500 ÷ 2000 W max
Ambient air temperature	-10°C ÷ +55°C					
Noise output	< 70 dB					
Weight ⁽⁵⁾	130 kg	130 kg	247 kg	282 kg	301 kg	461 kg
Dimensions	419 x 419 x 478 mm 16,5 x 16,5 x 18,8 in	419 x 419 x 478 mm 16,5 x 16,5 x 18,8 in	475 x 475 x 575 mm 18,7 x 18,7 x 22,6 in	475 x 475 x 575 mm 18,7 x 18,7 x 22,6 in	488 x 488 x 573 mm 19,2 x 19,2 x 22,6 in	590 x 590 x 657 mm 23,2 x 23,2 x 25,8 in

(1) Rated speed: flywheel speed (RPM: Revolutions per minute)

(2) Angular momentum: torque generated by the stabilizer in the time unit (newton meter second).

(3) Output torque: torque generated by the stabilizer at rated speed (newton meter).

(4) Absorption can vary according to the wave period.

(5) Excluding optional base plate accessory, standard or custom.

Models



MODEL	MC² X5	MC² X7	MC² X10	MC² X13	MC² X16	MC² X19
Input voltage	90-240 Vac	90-240 Vac	90-120 / 200-240 Vac	90-120 / 200-240 Vac	90-120 / 200-240 Vac	90-120 / 200-240 Vac
Rated speed ⁽¹⁾	4800 RPM	4800 RPM	6000 RPM	4800 RPM	5000 RPM	5300 RPM
Angular momentum ⁽²⁾	1811 N-m-s	2174 N-m-s	3120 N-m-s	4185 N-m-s	5325 N-m-s	6090 N-m-s
Output torque ⁽³⁾	5560 N-m	6678 N-m	10342 N-m	12850 N-m	16350 N-m	18700 N-m
Spool-up time to rated RPM	18 min	20 min	24 min	32 min	35 min	43 min
Spool-up time to stabilization	14 min	16 min	20 min	30 min	32 min	35 min
Power absorbed ⁽⁴⁾	1400 W max	1500 W max	1900 W max	3000 W max	3200 W max	3500 W max
Frequency	50÷60 Hz	50÷60 Hz	50÷60 Hz	50÷60 Hz	50÷60 Hz	50÷60 Hz
Ambient air temperature	-10°C ÷ +55°C	-10°C ÷ +55°C	-10°C ÷ +55°C	-10°C ÷ +55°C	-10°C ÷ +55°C	-10°C ÷ +55°C
Noise output	< 70 dB	< 70 dB	< 70 dB	< 70 dB	< 70 dB	< 70 dB
Weight ⁽⁵⁾	256 kg	291 kg	310 kg	470 kg	480 kg	533 kg
Dimensions	475 x 475 x 575 mm 18,7 x 18,7 x 22,6 in		488 x 488 x 573 mm 19,2 x 19,2 x 22,6 in	590 x 590 x 657 mm 23,2 x 23,2 x 25,8 in	590 x 590 x 657 mm 23,2 x 23,2 x 25,8 in	590 x 590 x 657 mm 23,2 x 23,2 x 25,8 in

(1) Rated speed: flywheel speed (RPM: Revolutions per minute)

(2) Angular momentum: torque generated by the stabilizer in the time unit (newton meter second).

(3) Output torque: torque generated by the stabilizer at rated speed (newton meter).

(4) Absorption can vary according to the wave period.

(5) Excluding optional base plate accessory, standard or custom.

Models



MODEL	MC ² X25	MC ² X30	MC ² X40	MC ² X56	MC ² X75
Input voltage	200-240 Vac	200-240 Vac	200-240 Vac	200-240 Vac	380 Vac 3F
Rated speed ⁽¹⁾	4000 RPM	4500 RPM	3500 RPM	3500 RPM	4000 RPM
Angular momentum ⁽²⁾	8293 N-m-s	9878 N-m-s	13132 N-m-s	18000 N-m-s	27153 N-m-s
Output torque ⁽³⁾	25464 N-m	30333 N-m	40324 N-m	55882 N-m	75000 N-m
Spool-up time to rated RPM	32 min	32 min	36 min	40 min	40 min
Spool-up time to stabilization	25 min	25 min	30 min	30 min	30 min
Power absorbed ⁽⁴⁾	4500 W max	6000 W max	7000 W max	7000 W max	14000 W max
Frequency	50÷60 Hz	50÷60 Hz	50÷60 Hz	50÷60 Hz	50÷60 Hz
Ambient air temperature	-10°C ÷ +55°C	-10°C ÷ +55°C	-10°C ÷ +55°C	-10°C ÷ +55°C	-10°C ÷ +50°C
Noise output	< 70 dB	< 70 dB	< 70 dB	< 70 dB	< 72 dB
Weight ⁽⁵⁾	840 kg	925 kg	1175 kg	1525 kg	2200 kg
Dimensions	780 x 780 x 814 mm 30,7 x 30,7 x 32 in	780 x 780 x 814 mm 30,7 x 30,7 x 32 in	930 x 930 x 980 mm 36,6 x 36,6 x 38,6 in	930 x 930 x 980 mm 36,6 x 36,6 x 38,6 in	950 x 950 x 1035 mm 37,4 x 37,4 x 40,7 in

(1) Rated speed: flywheel speed (RPM: Revolutions per minute)

(2) Angular momentum: torque generated by the stabilizer in the time unit (newton meter second).

(3) Output torque: torque generated by the stabilizer at rated speed (newton meter).

(4) Absorption can vary according to the wave period.

(5) Excluding optional base plate accessory, standard or custom.

CONTROL SYSTEMS

QUICK NAUTICAL NETWORK

MC² Quick Gyro stabilizers can be controlled with the QNN-Quick Nautical Network.

QNN is an innovative product compatible with all new generation chart plotters through the QNN gateway, which is the device that transfers the Quick system data to the navigation panels using the HTML5 protocol. QNN-Quick Nautical Network includes the control of the maneuvering, anchoring, battery charger, inverter, and lighting systems.



QNN QUICK NAUTICAL NETWORK - PARDO 43

CONTROL SYSTEMS

REMOTE PANELS

The MC² Quick Gyro stabilizers can be managed through the remote touch panel with 5" graphic display. The panel can be used to monitor the precession release, RPM, and width of the angle of inclination. User utilities include periodic maintenance reminders and alarms in the event of a failure. Adjustments and display preferences are also available.



MC² REMOTE CONTROL - PARDO 43



MC² REMOTE CONTROL 5"

SUPPORT AND INSTALLATION CENTERS

QUICK COMES TO MEET YOU, WHEREVER YOU ARE



Authorized Quick Support and Installation Centers are distributed throughout the world, in over 110 countries, and our specialized team is ready to meet you at any time to respond to every specific need. Our technical support ensures that each installation is performed properly and certifies its proper operation only after performing the “Quick commissioning.”

The MC² Quick Gyro success is due not only to the quality of the products, but also to the efficient support service that stands out for its professionalism and quick response.

The Quick support service has always been a feather in the company’s cap.



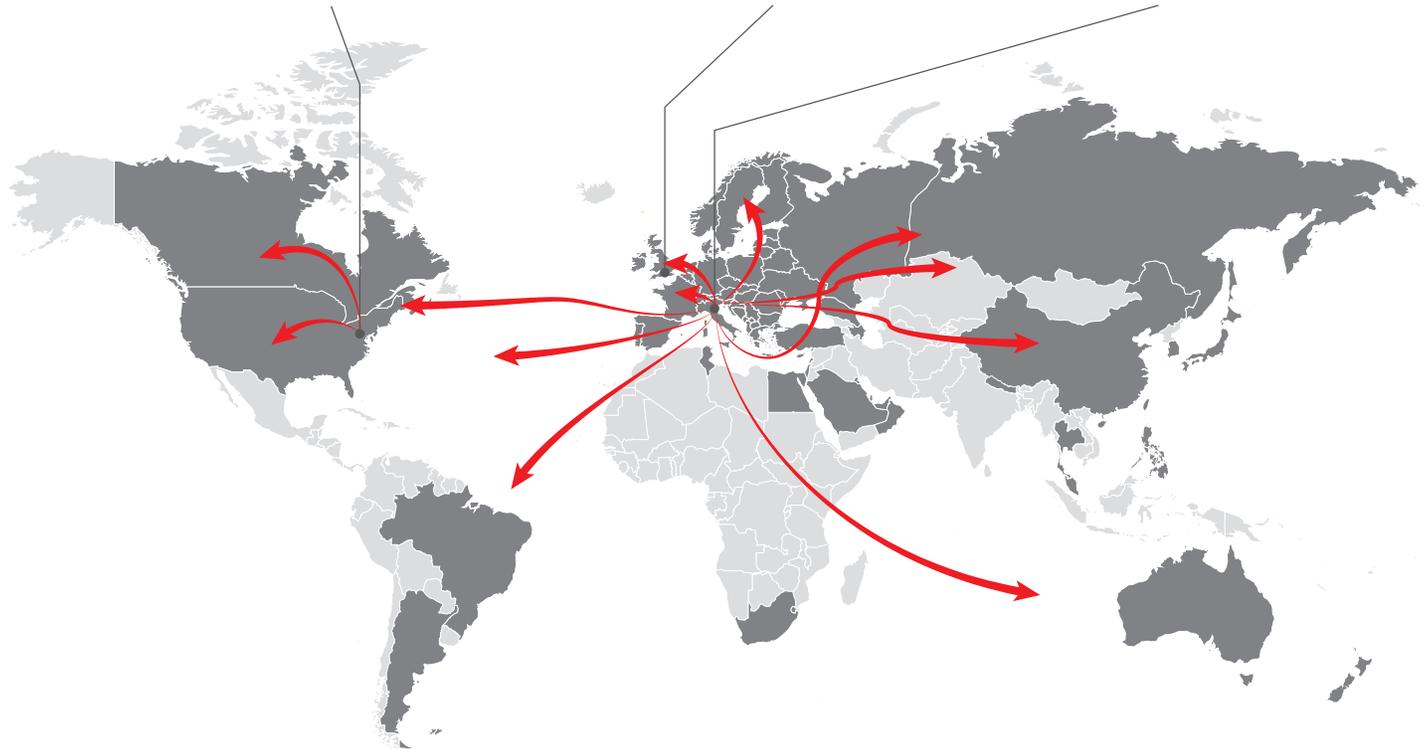
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