

2022

PRESS RELEASE

Dometic introduces Optimus electric power steering for inboard powered wake boats

Amsterdam – November 16, 2022

The latest innovation from Dometic delivers proven electric power steering technology specifically engineered for the needs of popular watersports wake boats. The electrification of the steering system results in a smooth driving and better all-around watersports experience.



Dometic is launching electric steering technology specifically engineered for inboard powered boats popular for skiing, wake boarding, wake surfing and other watersports activities. This breakthrough new product will make its European boating industry debut during the 2022 METSTRADE, November 15-17 in Amsterdam, Netherlands.

The system is based on proven Dometic marine electric steering technology that has become the new standard

of excellence for outboard powered boats around the world and nominated for DAME Design Award 2022.

This new Dometic Optimus Electric Steering Actuator for wake boats meets an important need in the boat building market, while delivering a vastly improved driving experience for operators of this increasingly popular class of vessel.



A safe and exhilarating watersports experience requires a nimble vessel that can be controlled effortlessly, predictably and confidently — and Dometic is now delivering this to the industry.

Electric steering removes the loads felt on the steering wheel and eliminates any “bumpiness” the operator might feel while driving. As a result, wake boat drivers enjoy effortless steering and sportscar-like control, enhanced driver focus and a better ride for those in the water.

“We are excited to bring this new technology to boat builders, dealers and the watersports market as a whole,” said President of Marine Segment at Dometic,





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Eric Fetchko. “These types of wake boats will benefit greatly from the enhanced steering control and performance our Optimus system provides. Watersports enthusiasts are going to love it as well — because nimble, in-control boat driving will also lead to a better experience for the watersports enthusiast,” added Fetchko.

The new Optimus Electric Actuator replaces the traditional cable or hydraulic steering systems used in a wide range of popular wake boats. With this system, the steering actuator is attached to the rudder via a rudder post, and is commanded by the electronic steering helm. Since all the electronics and mechanical elements are housed within the actuator itself, the system is very compact, easy to install and provides durability over the long run.

This system delivers advanced features and new steering functions never before available for this popular class of vessel, including adjustable lock-to-lock turns and adjustable wheel effort parameters that let drivers “fine-tune” wheel control to their preference, watersports activity and driving style.

Since this is the first all-electric inboard actuator that is NMEA 2000(N2K) CAN-based, boat builders can now fully integrate electric steering with surf gates/wake shapers, trim tabs and other N2K devices for superior vessel, ride and wake control. Both the electric steering and surf gate technologies use precise position sensing and can provide the driver with real-time information on an easy-to-read graphical display. This removes the guesswork for the operator and enhances safety, and provides predictable operation of the vessel while towing riders.

The actuator’s multiple redundant NMEA 2000 networks ensure built-in safety and reliability under real-world applications and changing operating conditions.

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Note to Editors

- Photos can be found [here](#).
- More information about Optimus e-actuator for wake boats [EA3300](#)

About Dometic

Dometic is a global market leader in the mobile living industry. Millions of people around the world use Dometic products in outdoor, residential, and professional applications. Our motivation is to create smart, sustainable, and reliable products with outstanding design for an outdoor and mobile lifestyle in the areas of Food & Beverage, Climate, Power & Control, and Other Applications. Dometic employs approximately 9,000 people worldwide, had net sales of SEK 21.5 billion (USD 2.5 billion) in 2021 and is headquartered in Stockholm, Sweden.

For more information on Dometic, please visit:

<http://www.dometic.com>.

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