



OPTIMUS360
BY SEASTAR

SUPERIOR LOW SPEED MANEUVERING

joystickdocking**control**
system

FOR MECHANICAL SHIFT & THROTTLE ENGINES



Twist left
Vessel turns
360° left

Twist right
Vessel turns
360° right

Ease left

Ease right

Plug and play second
and third station

Extra power

intuitive precise

With super light and sensitive touch function, the Optimus 360 joystick is designed for everyone. Bringing finger tip control to your vessel gives you the ultimate confidence in maneuvering your boat at low speeds and in tight spaces.

optimuseps+joystick
equals optimus360





Features

- Three axis joystick with guided feel and boost mode
- Unique Joystick design with a focus on user ergonomics and harsh marine environments
- Auto adjustable speed sensitive helm turns, wheel effort and steering response
- Fault tolerant CAN Bus network
- Sealed, locking cable connections
- On demand hydraulic steering pumps
- Adjustable stainless steel ORB fittings on the SmartCylinder
- Compatible with 3rd party autopilot drive by wire systems.
- Dual redundancy components

Independent engine control

Precision power on tap for ultimate, accurate stress free docking



reliability you expect

Advantages of Optimus 360

- Intuitive high precision Joystick docking with confidence
- Autopilot ready - just a simple connection
- Dual station compatible
- Available as a retrofit or for new engine installation
- All the benefits of Optimus EPS, including auto adjusting steering effort and steering turns lock to lock



Behind Optimus 360 there's Optimus EPS

The patented Optimus 360 system builds on the Optimus EPS. The Optimus EPS system replaces the traditional hydraulic steering system.

Optimus EPS truly raises the bar when it comes to comfort, control and maneuverability, especially for the new breed of high performance powerboats, saltwater fishing vessels, catamarans, RIBs and high end pontoon boats. It's unlike anything you've ever experienced when it comes to steering. We know you will be impressed.

The high level of engineering also extends to the reliability of the system, with quality materials, careful manufacturing and redundant systems, all to stand up to the rigors of life on the water. Dual independent sensors and circuits provide redundancy for reliable operation.

Options for Optimus EPS

- Second station electronic helm
- Heavy-duty tournament cylinders
- Triple with tie-bars
- Quad with tie-bars

- CAN Bus 1
- CAN Bus 2
- Rudder Feedback Unit (RFU)
- Motor
- Hydraulic Lines
- Mechanical Cables

Optimus EPS, a higher level of engineering sophistication.

Optimus EPS applications

- All twin mechanical controlled engines
- Single and dual helm station boats
- High performance powerboats, saltwater fishing vessels, RIBs, catamarans, houseboats and pontoon boats

3rd party Autopilot compatible



Advantages of Optimus EPS

- No oil at helm
- Boat that steers like a sports car
- Plug and play autopilot compatibility with drive by wire systems
- No auto pilot pump or rudder feedback unit
- Adjustable speed sensitive wheel effort
- Adjustable speed sensitive turns lock to lock
- Can be retrofitted to existing mechanical controlled engines
You do not have to buy new engines
- No tie-bars (twin configuration)
- No liquid tie-bar (CAT)
- On demand pumps which extend battery life
- Components based on existing SeaStar reliability and quality
- NMEA 2000 Certified



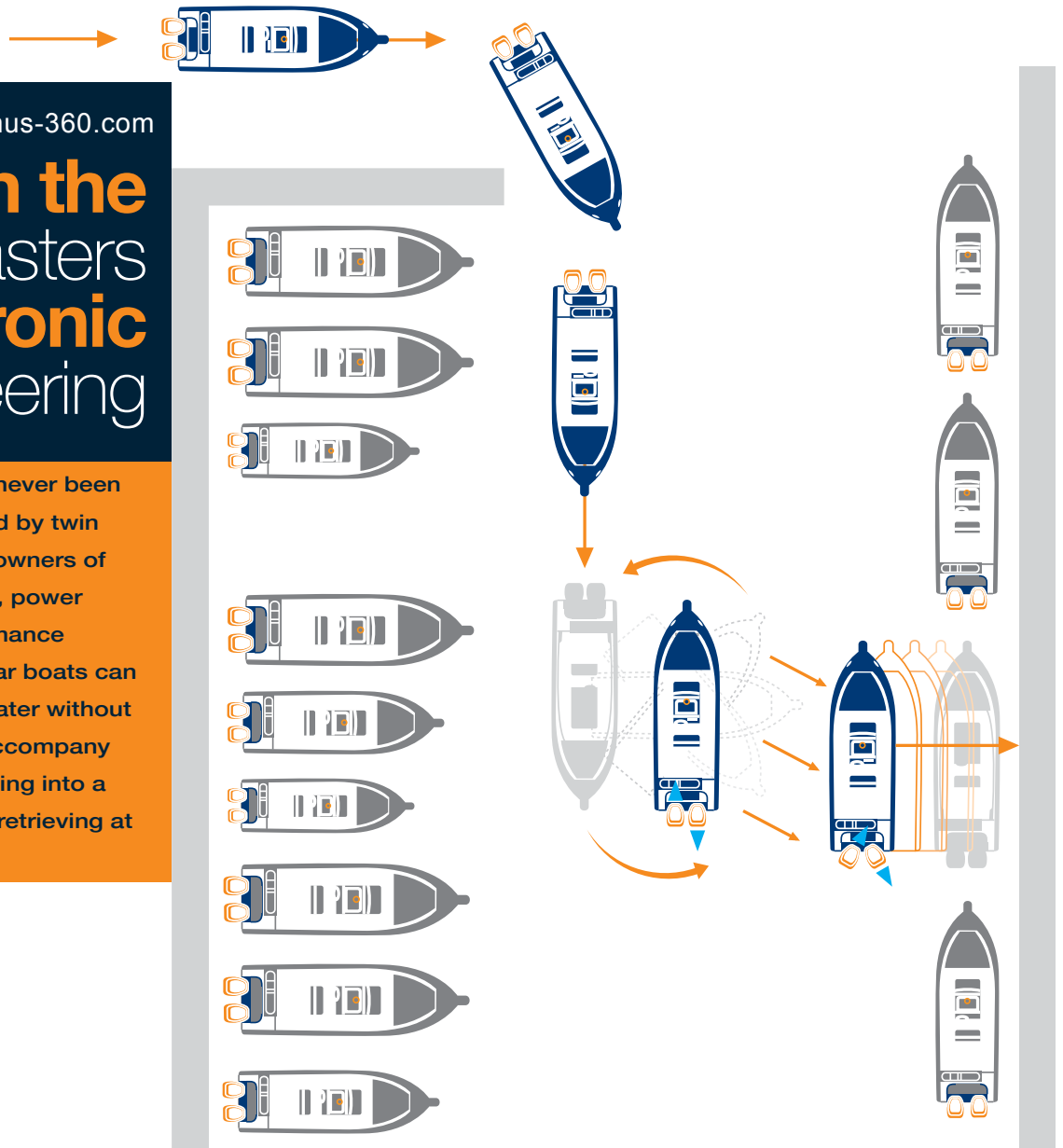
Optimus 360, a revolutionary joystick steering/shift/throttle control system is engineered for powerboats with mechanically-controlled twin outboards. Optimus 360 by SeaStar uses state-of-the-art electronics to provide easy 360-degree maneuvering capabilities when docking, negotiating crowded areas or loading a vessel onto a trailer.

ultimate in stress free docking

Steer with confidence
through busy,
congested docking
areas, with complete
control.

Optimus 360

Even novice boaters using the Optimus 360 Joystick Control System can confidently move the boat forward, backwards, diagonally, rotate it on its own axis, or even move sideways to accomplish tricky docking maneuvers. As the operator easily moves the joystick, the SmartCylinders and actuators respond instantly to independently steer each outboard, engage forward/neutral/reverse gears and apply throttle as needed to move the boat exactly where the operator wants it to go.



www.optimus-360.com

from the
masters
in electronic
power steering

This ease of control has never been offered on boats powered by twin outboard engines. Now, owners of offshore center consoles, power catamarans, high performance cruisers and other popular boats can enjoy their time on the water without the stresses that often accompany pulling in for fuel, squeezing into a narrow slip or launching/retrieving at a busy launch ramp.



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Document: Optimus 360-MST-2016. Printed in the USA.

Part No. BROCH-OPT360MST



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