

OPTIMUS360

BY *SeaStar*

Intelligent outboard control



Teleflex[®]
MARINE

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www.optimus-360.com

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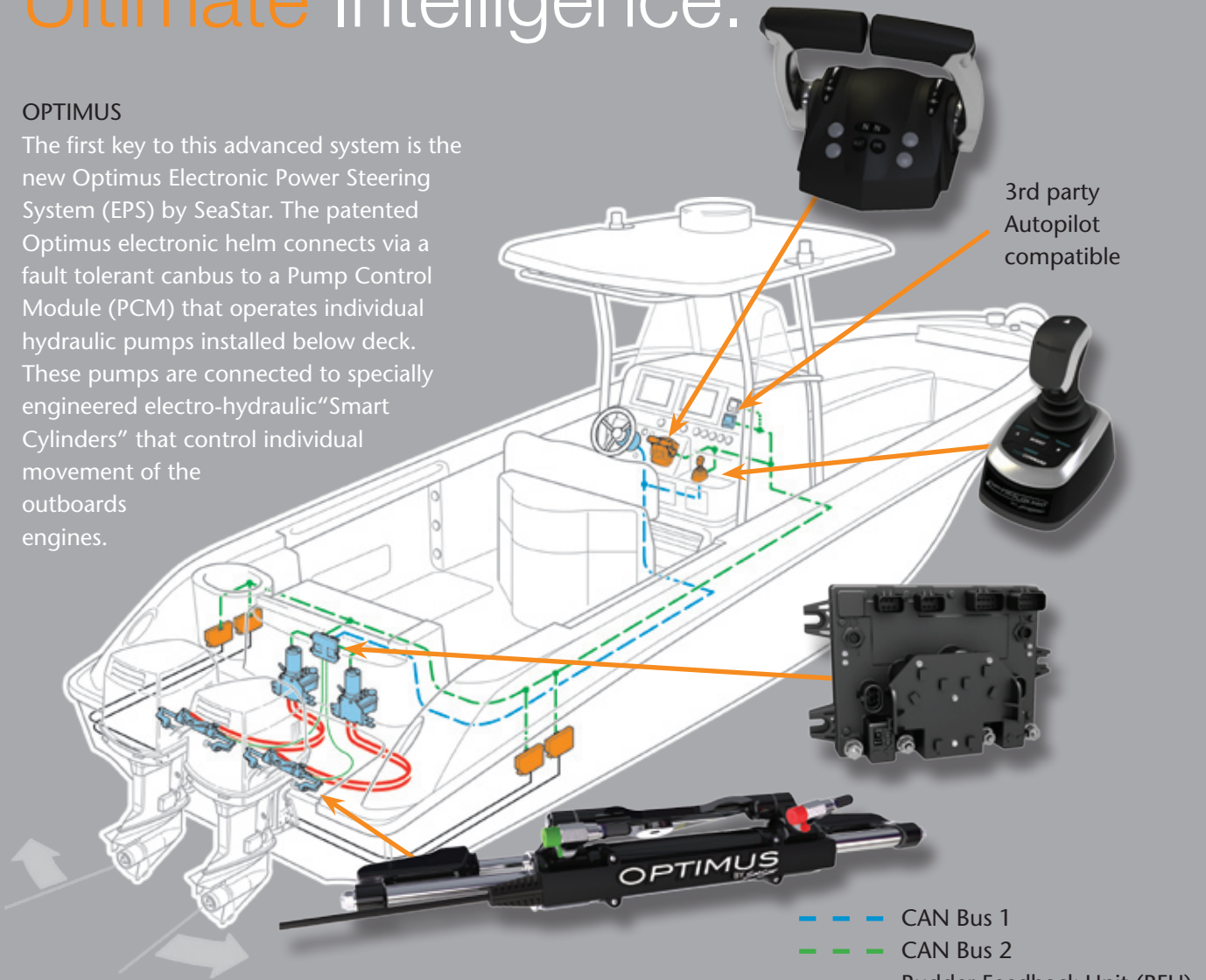


Ultimate In stress free docking.

Ultimate Intelligence.

OPTIMUS

The first key to this advanced system is the new Optimus Electronic Power Steering System (EPS) by SeaStar. The patented Optimus electronic helm connects via a fault tolerant canbus to a Pump Control Module (PCM) that operates individual hydraulic pumps installed below deck. These pumps are connected to specially engineered electro-hydraulic "Smart Cylinders" that control individual movement of the outboards engines.



3rd party
Autopilot
compatible

OPTIMUS 360

The patented Optimus 360 system builds on the Optimus EPS system and the Optimus Electronic Shift / Throttle System (EST) as well as the new Optimus 360 Joystick Control System.


The Optimus EPS system replaces the traditional hydraulic steering system. The Optimus EST system replaces the boat's conventional outboard engine controls and cables.

Optimus 360 is the culmination of the three sub systems which are interconnected and synchronized to provide intuitive joystick docking of the vessel with true fingertip control.

While the Optimus 360 Joystick Control system is a breakthrough approach to controlling outboard powered boats, it is rooted in Teleflex Marine's long tradition of proven, reliable marine steering and control products.

Both the Optimus and Optimus 360 systems exceed North American ABYC and European ISO Standards — recognized symbols of quality assurance for boat builders and boaters alike.

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



Ultimately
We tamed the
docking experience
with innovation.



Independent Engine Control

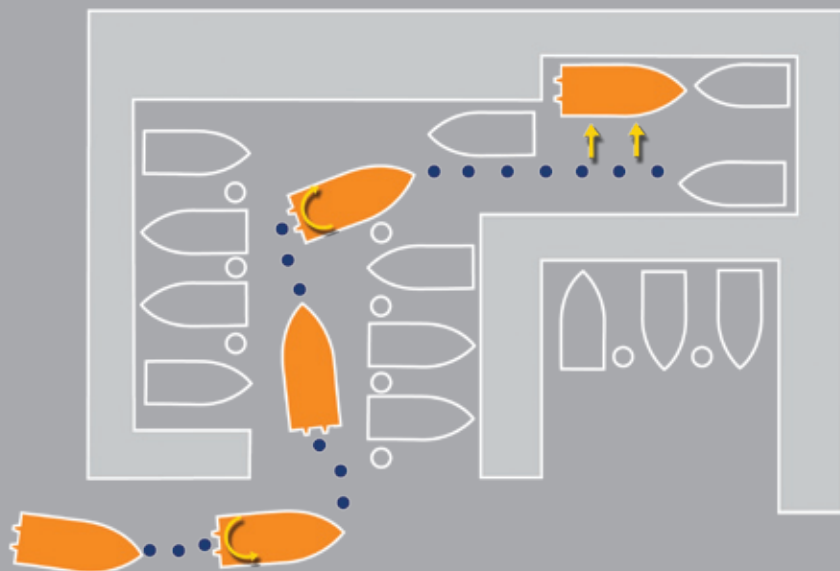
FEATURES

- Three axis joystick with guided feel and boost mode
- Unique Joystick design with a focus on user ergonomics and harsh marine environments
- User 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 systems
- Dual redundancy components





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



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.

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.

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.