

360

reverse

sideways

Advantages of Optimus 360

Intuitive high precision Joystick docking with confidence

Seamless integration with electronic controlled engines

Autopilot ready - just a simple connection

Dual station compatible

Tiebar engines (triple/quad) – less components, simple installation, less cost

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



OPTIMUS360
BY SEASTAR

there's **NOTHING** it can't do

WHAT'S BEHIND OPTIMUS 360

Optimus EPS, a higher level of engineering sophistication

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

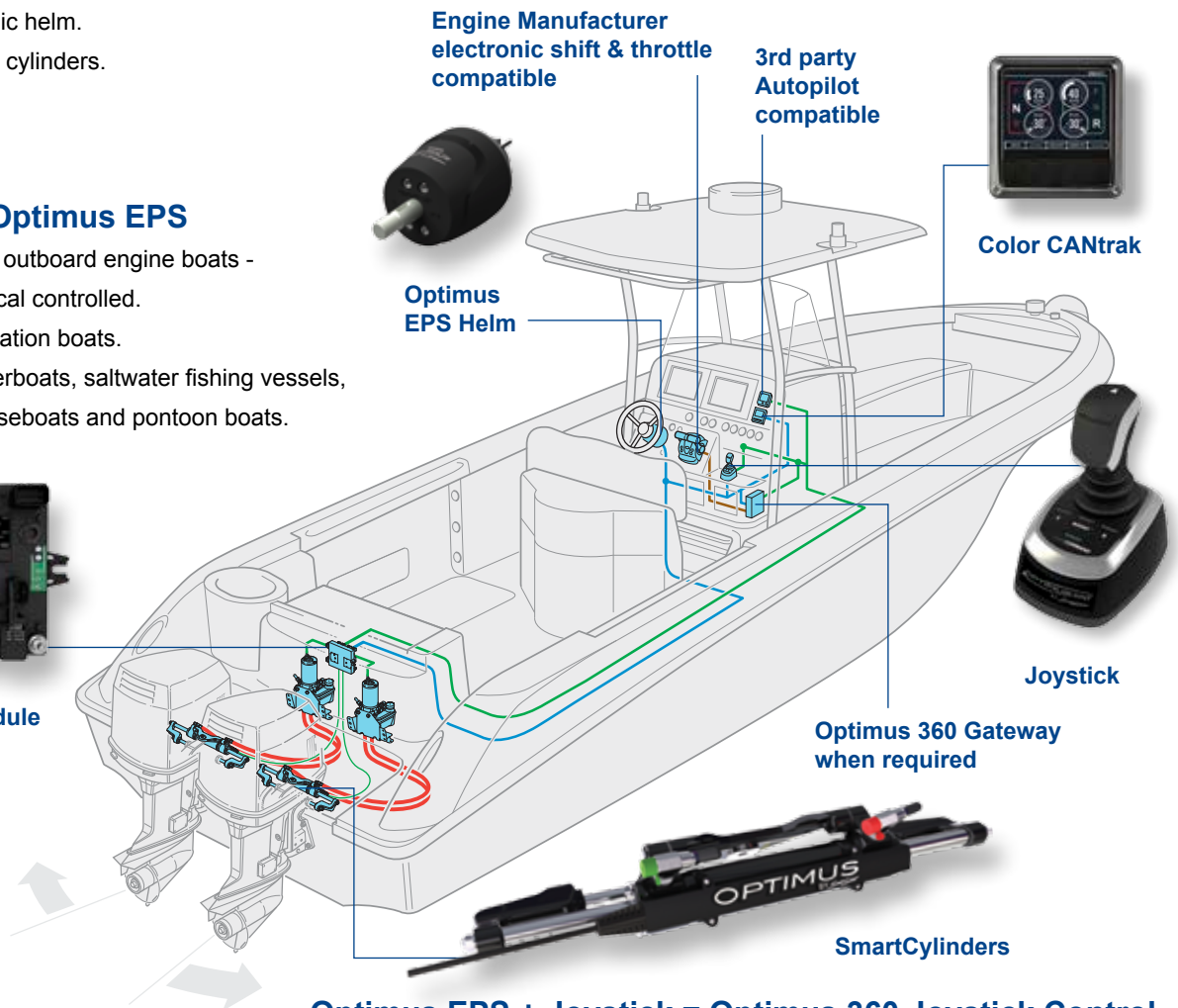
- Second station electronic helm.
- Heavy-duty tournament cylinders.
- Triple with tie-bars.
- Quad with tie-bars.

Applications for Optimus EPS

- All twin, triple and quad outboard engine boats - electronic and mechanical controlled.
- Single and dual helm station boats.
- High performance powerboats, saltwater fishing vessels, RIBS, catamarans, houseboats and pontoon boats.

Advantages of Optimus Electronic Power Steering

No oil at helm
Boat that steers like a sports car
Plug and play autopilot compatibility
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 and electronic 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 EPS + Joystick = Optimus 360 Joystick Control

Optimus 360, for twin, triple and quad engine applications

Optimus 360 gives your boat a whole new dimension of control. By developing the joystick function to be intuitive, Optimus 360 allows you to move your boat not only forward and back, but also sideways, by pushing the joystick to the left, or to the right, and even, rotate on a dime, all with a simple twist of the joystick.

Optimus 360 is designed for low speed maneuvering, and really excels in the marina, when pulling in and out of your slip, or docking. Optimus 360 uses intelligent programming to minimize the amount of shifting required to complete a maneuver.

With progressive throttling, the joystick becomes a natural extension of your hand. A light push on the joystick provides minimal thrust while more thrust can be applied by pushing harder on the joystick. The boost mode increases the RPM to give you more thrust when needed.

Each component has been designed to complement the other, resulting in a seamless experience of steering control in virtually every situation on the water. 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.



Twin Engine



Triple Engine



Quad Engine

Optimus 360 triple tiebar - just as simple as a twin configuration with tiebar

Optimus 360 steering/shift/throttle control system is engineered for powerboats with electronic shift and throttle engines, allowing you to use the existing electronic controls.

Optimus 360 connects to the existing control head with closed loop processing, providing a very seamless integration.



