
THE
HUMPHREE
EFFECT
3-COMPONENT STABILIZATION
HUMPHREE®



TOTAL STABILIZATION. ELEVATED.

For over two decades, we have been dedicated to creating safer, more comfortable experiences at sea. With great curiosity and innovation, we have pioneered the evolution of the industry, pushing the boundaries of marine stability.

Now, we are taking stabilization to the next level.

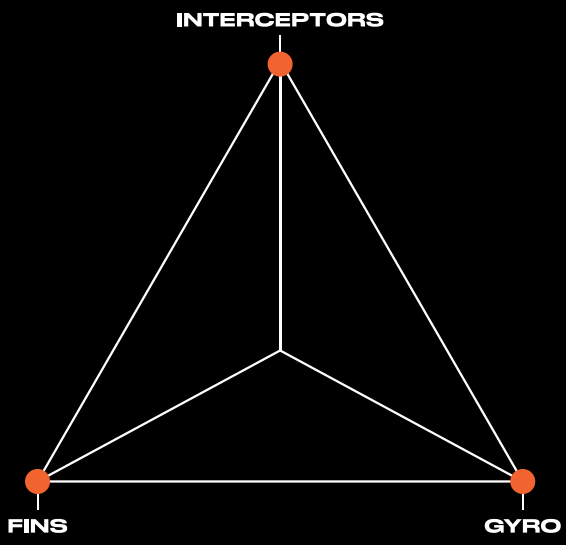
We are launching a gyro that integrates with interceptors and fins to deliver the ultimate balance at sea. This addition creates a more complete and optimized solution, enhancing comfort and performance in a wide variety of sea conditions and operating scenarios.

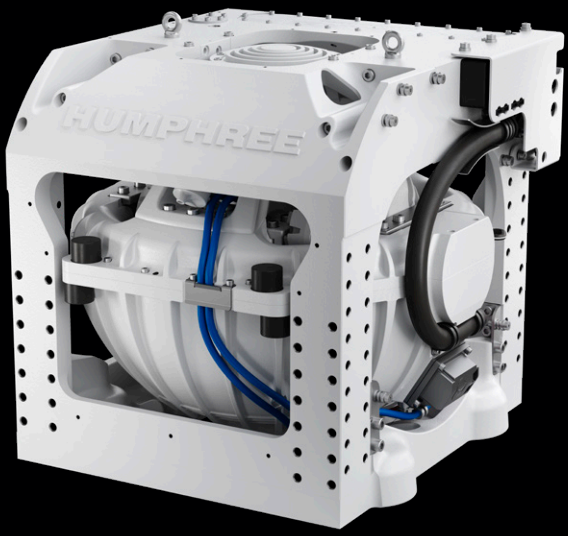
THREE INTEGRATED COMPONENTS.

ONE POWERFUL SYSTEM.

What sets our three-component system apart is that all components are fully integrated, forming a complete, collaborative system. Through a central control unit, the system continuously monitors vessel motion and coordinates with all components multiple times per second. It does not simply react to waves. It anticipates and proactively counteracts motion before it occurs.

By integrating gyros, fins and interceptors into a single coordinated system, we can help optimize stabilization for specific vessels, applications, and operating profiles. This ensures optimal comfort and performance across the entire speed range, from zero-speed to full throttle.





THIS IS THE NEW HIG5 GYRO

- Weight: 350 kg
  (larger models launching 2027—2028)
- Stabilizing torque: Up to 11,700 Nm
- Angular momentum: 4,500 Nm/s
- Power consumption: 400—3,200 W (peak)
- Spool-up time: 22 minutes to full rpm
- Noise output: 67 dB at 1 meter
- Dimensions: 611 mm × 611 mm × 581 mm

UP TO 95% ROLL REDUCTION.

With three integrated components operating together, the system delivers stability across the full range. Depending on vessel type, the roll reduction can reach up to 95%. Here is how each part performs:

GYRO

Eliminates roll at zero-speed and low-speed operation.

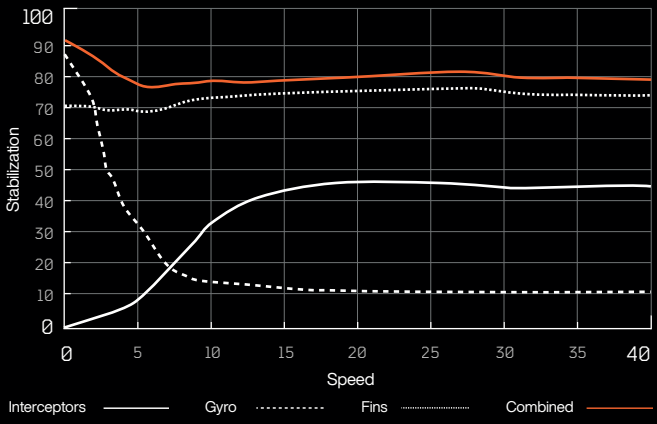
FINS

Reduces roll motion and increases comfort at all speeds.

INTERCEPTORS

Improves acceleration, fuel efficiency, trim control, and stabilization at speed.

The curves show the speed range where each component performs at its peak, as well as their combined effect.



MORE SEA, LESS WORRY.



PREMIUM STABILITY IN EVERY SITUATION

From fishing and waiting at zero-speed to cruising and at speed.



SMOOTH AND FULLY INTEGRATED

Pure simplicity, designed just for you. MFD-integrated interface.



PEACE OF MIND

One system, one supplier with continuous, remote support worldwide.



LOWER TOTAL COST OF OWNERSHIP

Less maintenance, fewer service events, faster support, reduced downtime.



EFFORTLESS SIMPLICITY

Advanced stabilization simplifies operation and delivers an intuitive experience.



BACKED BY WORLDWIDE REMOTE SUPPORT.

All our systems support remote access, ensuring world-class assistance regardless of location. We can diagnose issues, perform remote sea trials, and configure systems worldwide. The result is peace of mind, greater convenience, and a safer, more enjoyable boating experience.

HUMPHREE®

SALES@HUMPHREE.COM →

DISCOVER THE POWER OF INTEGRATED STABILIZATION AT HUMPHREE.COM →