

SMARTtransom™

Elevated Boating Performance...

SMARTtransom™ improves fuel economy, boat speed, and reduces jarring impacts that can occur due to slamming loads while under way.

SMARTtransom™ improves visibility, and reduces blind spots while coming on or off of plane.

SMARTtransom™ reduces time to plane, and minimum hold-plane speed, allowing you to get back in more comfortably if the water “kicks up”.

A lower-hold plane speed allows transit through shallow water at lower speeds reducing the chance of damage if underwater debris is encountered.

Reduced wake helps reduce shoreline erosion.

With SMARTtransom™ you can go farther faster, more comfortably, while burning less fuel...



**SMARTtransom™
vs
stock trim
at
10 mph...**

SMARTtransom™ -Model By HP Capacity Range-

	5052 Aluminum Hybrid			A36 Galvi and Powder			304 Stainless Steel		
	65-130	140-175	200	65-130	140-200	225-350 (665 lb. max. cap.)	65-130	140-200	225-350 (665 lb. max. cap.)
Saltwater									
Fishing	VN2.0H	VN2.5H	VN3.0H	VN2.0G	VN3.4G	VN4.2G	VN2.0SS	VN3.4SS	VN4.2SS
Cruising	VN2.0H	VN2.5H	VN3.0H	VN2.0G	VN3.4G	VN4.2G	VN2.0SS	VN3.4SS	VN4.2SS
Sport/ Performance	VN2.0H	VN2.5H	VN3.0H	VN2.0G	VN3.4G	VN4.2G	VN2.0SS	VN3.4SS	VN4.2SS
Wake Sports	VN2.0H	VN2.5H	VN3.0H	VN2.0G	VN3.4G	VN4.2G	VN2.0SS	VN3.4SS	VN4.2SS
Offshore	VN2.0H	VN2.5H	VN3.0H	VN2.0G	VN3.4G	VN4.2G	VN2.0SS	VN3.4SS	VN4.2SS
Freshwater									
Fishing	VN2.0H	VN2.5H	VN3.0H	VN2.0P, VN2.0G	VN3.4P, VN3.4G	VN4.2P, VN4.2G	VN2.0SS	VN3.4SS	VN4.2SS
Cruising	VN2.0H	VN2.5H	VN3.0H	VN2.0P, VN2.0G	VN3.4P, VN3.4G	VN4.2P, VN4.2G	VN2.0SS	VN3.4SS	VN4.2SS
Bass/ Performance	VN2.0H	VN2.5H	VN3.0H	VN2.0P, VN2.0G	VN3.4P, VN3.4G	VN4.2P, VN4.2G	VN2.0SS	VN3.4SS	VN4.2SS
Racing **400 lb. maximum capacity									*VN4.2 OS **VN2.5 SS (Race)
Wake Sports	VN2.0H	VN2.5H	VN3.0H	VN2.0P, VN2.0G	VN3.0P, VN3.0G	VN4.2P, VN4.2G	VN2.0SS	VN3.4SS	VN4.2SS

VECTORnomics™

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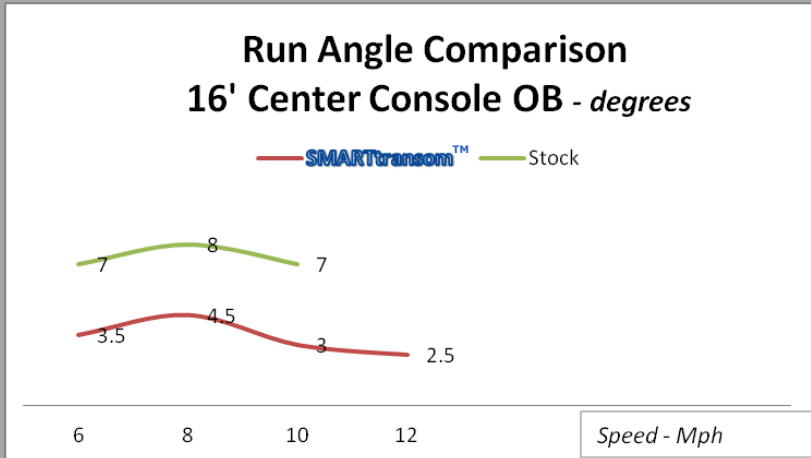
*May Qualify for Offshore Racing based on boat/type specific VECTORnomics™ factory certification and sanctioning body approval.

**Designed for 2.5L based Mercury Drag Racing Outboards only. Not designed for other inshore racing activities such as circle racing, poker running, and not designed for offshore racing.

VECTORnomics™

Test/Comparison

***Performance and test results can vary significantly by application. However, the statements made in this document have been derived through empirical methods, analysis, boat testing, experience, and review. For specific results, look to our VECTORnomics™ test bulletins on your type of, or similar craft.



	***SMARTtransom™ vs traditional engine mounted foils	
	65 to 350hp	1 to ? hp
Freshwater and Saltwater Applications	SMARTtransom™	Engine mounted foils
Reduction in bow rise during planing, improved visibility, lower hold-plane speeds, increased occupant comfort	Compound effect of both SMARTtransom™ negative trim with integrated tailfeather™ running surface extension helps reduce bow rise, improving visibility and allowing hull to cut through chop which reduces slamming load impacts caused when the hull surface separates and then re contacts the water.	Engine mounted foil contribution only
Reduced vessel system drag due to reduced min. plane speeds and,	Can be significant as tailfeather™ after-plane is only needed at lower speeds when vessel hull is transitioning to planing speed and where tailfeather™ creates a transitional running surface extension.	Given attachment to engine, creates additional parasitic drag and load to outboard system throughout operating range. Drag reductions are through reductions in hull wetted surface area at lower speeds.
Enhanced engine height	Allows for increased engine elevation as a result of enhanced minimum trim, reducing parasitic drag, and increasing planing moment.	Negligible
Impact on boat speed	Increases can be seen through the operating range	Undetermined
Impact on fuel economy	Increases can be seen through the operating range	May be increased at lower boat speeds, unconfirmed