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ZEUS
 Pod Drive System

3500 & 3800 Series

maneuverability and comfort



Enhanced Maneuverability

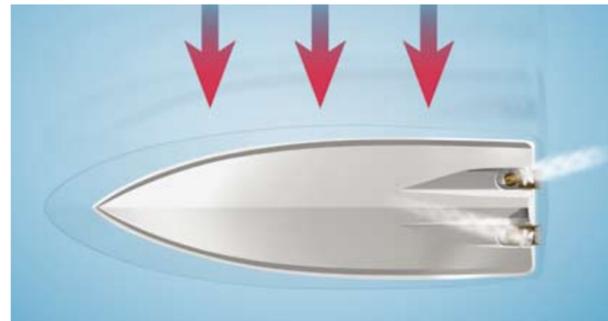
Feel the performance! More like driving a luxury car than a luxury yacht!

Each pod moves independently, resulting in excellent turning efficiency and superb response. Reliable, smooth, hydraulic power steers the pods and actuates the integrated trim-tabs, which are automated to improve performance and visibility during acceleration. The pod, which conventionally faces aft, has a thru-hub exhaust and can be steered through a large angle without rudder blow-out. Counter-rotating propellers eliminate lateral forces, resulting in absolutely straight tracking. At the helm, the response of the self-centering wheel can be customized, as required, and there's a power tilt wheel with two-person, two-position memory. This gives a whole new meaning to the word „cruise“!

Docking with Ease

No need to worry about wind and current when approaching the dock!

The advanced joy-stick control system is incredibly intuitive, operated with a simple turn of the wrist! One hand controls it all - sideways tracking, turning on the spot - all with precise speed control. Whether at the dock or backing down on a blue marlin, the total command and maneuverability is simply unmatched!



Clear, Quiet and Comfortable

Because the Zeus® Pod Drive System uses counter-rotating propellers and is mounted on large rubber supports, gear noise and vibration are significantly

reduced, resulting in a quiet, comfortable ride. The engine exhaust is nearly eliminated by venting through the propeller hubs so that the water flow takes it far back into the wake.



Driveline and Chassis Technology



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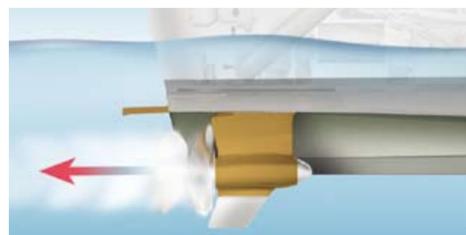
Marine Propulsion Systems



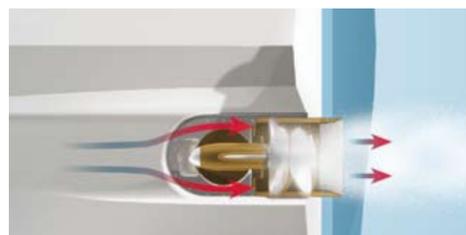
An unparalleled level of safety, control & boating enjoyment



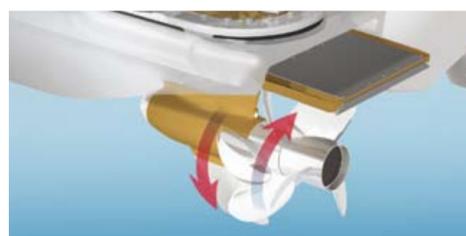
The single units of the Zeus® Pod Drive System can be steered independently. The amount of each pod's thrust can be varied as required, thanks to a special mechanism which is electronically controlled. This means much smoother and accurate maneuverability.



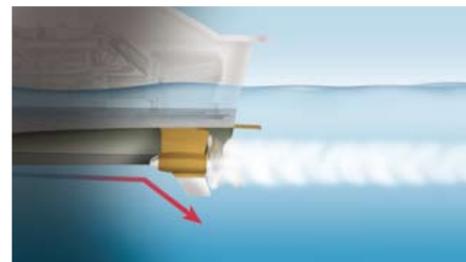
Because the thrust from the Zeus® Pod Drive System is horizontal, the full power of the engines is available to drive the boat forward, unlike a standard inboard shaft arrangement which tends to push the bow down.



The hydrodynamic shape of the Zeus® Pod Drive System creates much less drag than a shaft, strut and rudder. By locating the propellers facing aft, there is less form drag.



Counter-rotating propellers eliminate rotational losses produce no side forces and minimize cavitation. In addition, the increased blade area permits larger gear ratios to be used.



An aft-facing pod drive mounted in a tunnel results in greatly improved efficiency, without sacrificing safety!

Safer by design

If the pod drive strikes underwater debris, aft-facing propellers are protected by the pod gearcase and skeg. In addition, by mounting the Zeus® Pod Drive System in a tunnel, the torpedo shape of the drive is the same depth as the keel. Most floating objects will be deflected downward by the keel and skeg, and therefore, away from the propellers. Should the pod hit a substantial object, the skeg is designed to shear below the torpedo, minimizing damage to the drive and hence, costly repair bills!

Easy to install

The Zeus® Pod Drive System is a complete package with integrated exhaust, engine cooling system, trim-tabs, steering, throttle and shift controls. It therefore requires

significantly less time to install, compared to conventional inboards or other pod systems. Naturally, all materials in contact with seawater are either bronze or stainless steel, with high corrosion resistance.



Skyhook® Electronic Anchor

Envision pulling up to a busy fuel dock, tending your lines and fenders yourself without having to constantly operate the controls! Imagine fishing a jetty on your own, without ever moving the helm! At the touch of a button, the Skyhook® Electronic Anchor maintains the boat on a fixed heading within a tight area, even in strong currents and windy conditions.



Information at your fingertips

With electronic connectivity throughout the vessel, you can monitor and control a wide array of systems – from engines to generators, AC to navigation! Never before has such a high level of integration been available to recreational boating enthusiasts!



Up to: 30% improved fuel economy; 15% faster cruising speed; 15% faster top speed

Available ratios and weight

Model	Ratios	Power/rpm		Input Power Capacity						Max Input Engine rpm	Weight	
		kW/ rpm	hp/ rpm	2500 rpm		3000 rpm		3300 rpm			kg	lb
				kW	hp	kW	hp	kW	hp			
ZEUS 3500	2,06	0,1214	0,163	304	407	364	488	401	537	3400	395	871
ZEUS 3800	2,06	0,1214	0,163	304	407	364	488	401	537	3400	417	921
	1,795	0,1392	0,187	348	466	418	560	459	616			
	1,489	0,169	0,227	423	566	507	680	558	748			