

Designed to meet your specific operational needs Specialising in 50-350 HP Units

At Sykes Marine we have over 50 years experience in the design and manufacturing of Z drive marine propulsion systems. Operating in the most arduous conditions and remote locations, the Hydromasters exceptional reliability provides a typical operational life well in excess of 20 years. Our depth of knowledge and wealth of experience in this specialised area of marine engineering has culminated in Hydromaster becoming the No.1 choice world-wide for high thrust, fuel efficient, highly economical propulsion systems for both the military and commercial user.

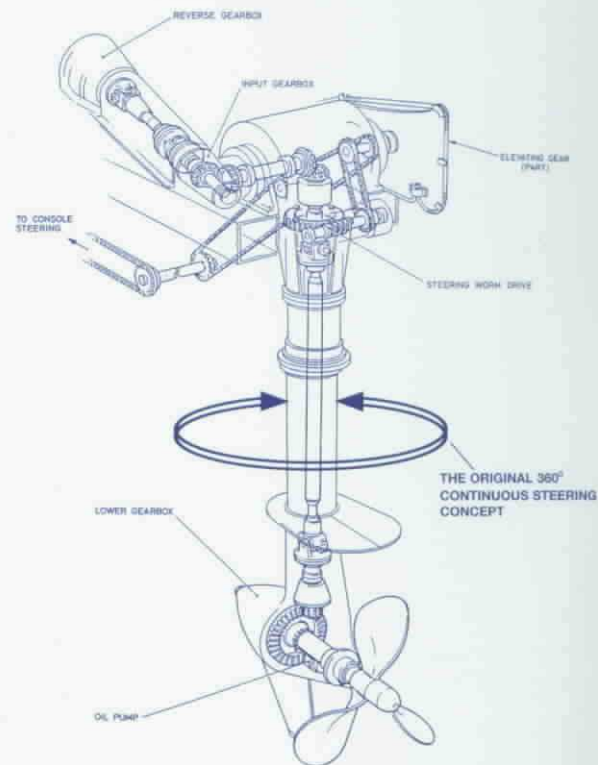
Based on the outline description of your vessel, its proposed use and operating conditions we will provide a customised solution, offering trouble free 'in service' life at minimum cost.

Markets and applications

Our long established reputation is built on quality of product and dedicated service to our customers needs. In over 110 countries Hydromasters are in daily operation, providing main power to tugs, barges, ferries, floating cranes, coastal craft and specialist military vessels.

Sykes Marine's International customers base include over 50 governments, numerous port, dock and harbour authorities, construction and industrial companies, shipyards and vessel builders.

The expertise within Sykes Marine gives us the flexibility to specifically design and manufacture 'one off' units to meet all our customers operational and application requirements.



The key benefits of Hydromaster Heavy Duty Propulsion Systems

- Continuous 360° propeller steering combining total vessel control with simplicity of operation.
- Higher thrust from slower revving propellers giving best performance with lower installed horse power.
- Transmission kickup protection for shallow water operation with automatic reset.
- Propeller Depth Adjustment, even at full vessel speed.
- Reverse gearbox fitted for extra vessel control in confined or congested waterways.
- Bolt-on installation allows simple vessel design and frees conventional engine room space for cargo.
- Maintenance and inspection of the transmission without docking.
- Lower fuel consumption, lowest spares usage.



20 x 100 HP Hydromaster units awaiting shipment to Middle East