



# T-POD

## REVOLUTIONARY COMPACT PODDED THRUSTER DESIGN WITH INTEGRATED PM E-MOTOR

### The Thrustmaster T-Pod features:

- High Maneuverability
- Compact and efficient design - integrated permanent magnet motor
- Excellent braking / speed reducing characteristics
- Easy installation - no alignment
- Push and pull configurations available
- Reduced/minimal maintenance
- Robust electric drive integrated in pod - no 90 degree gears
- Full 360 degree non-stepping continuous steering under full load conditions







# T-POD

LEADING

THE

WAY



## Exceptional Benefits

- **Dry Pod Housing** - Unlike conventional Z-drives which are flooded with many gallons of gear oil, the T-pod has a dry pod housing so there is no risk of oil leakage to the environment.
- **No Spiral Bevel Gears and Associated Shafts and Bearings** - Resulting in greater power efficiency, quieter operation, less vibration, less weight and less maintenance.
- **Double Sealing Arrangement** - High integrity mechanical seal with leak detection system.
- **Integrated Electric Motor** - Integrated high speed permanent magnet electric motor. Low weight, high efficiency and very compact.
- **Long 'flexible' propeller shaft** - A long propeller shaft is perfect for absorbing any shock load coming from the propeller. It has low inertia which results in higher durability.

## Power Range

The T-Pod is available in a power range from 90 kW up to 2500 kW, and offered with either open propeller or in a nozzle.

## Configuration

The T-pod may be configured for azimuthing or fixed, thru-hull or outboard, swing up or vertical retraction.