



# TEC-DRIVE

- Efficient Power
- Seamless Control
- Ultimate Performance
- Advanced Propulsion





We are proud to introduce our innovative Tec-Drive, a cutting-edge marine propulsion system designed by TEC Holland International. This advanced thruster system uses a fixed pitch propeller driven by a hydraulic motor, ensuring optimal performance and reliability in the most demanding marine environments.

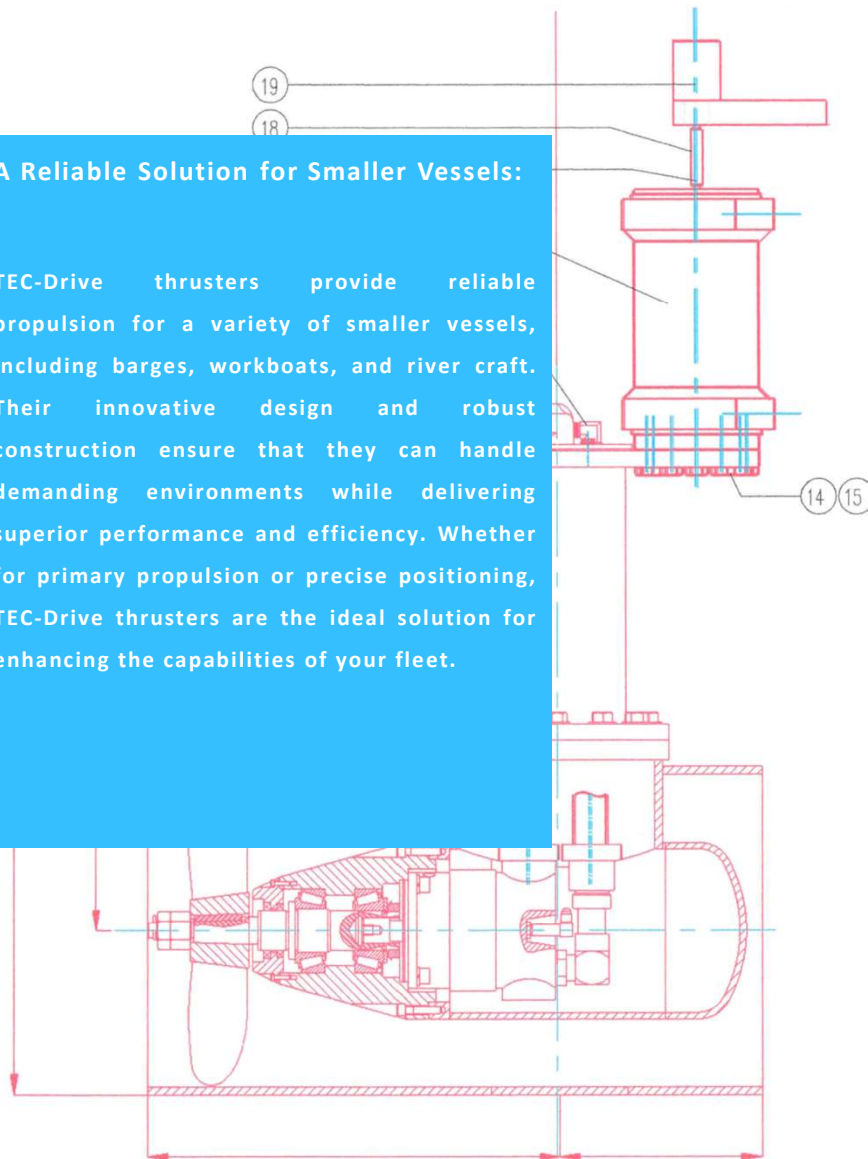
Our Tec-Drive thruster offers unparalleled efficiency, safety, and maneuverability. One of the standout features of our Tec-Drive thruster is its ability to rotate 180 degrees. This unique capability, coupled with a twin thruster setup, provides complete directional control and precision, allowing your vessel to handle any navigational challenge with ease.

Additionally, propulsion-bridge-controls can be optionally included, giving you integrated and seamless control over your vessel's propulsion system.

Experience the future of marine propulsion with the Tec-Drive thruster system, engineered to deliver excellence in every voyage

### A Reliable Solution for Smaller Vessels:

TEC-Drive thrusters provide reliable propulsion for a variety of smaller vessels, including barges, workboats, and river craft. Their innovative design and robust construction ensure that they can handle demanding environments while delivering superior performance and efficiency. Whether for primary propulsion or precise positioning, TEC-Drive thrusters are the ideal solution for enhancing the capabilities of your fleet.





## Tec-Drive Technical Specifications



### Propeller and Tunnel Construction:

- Thruster with manganese-bronze propeller in an aluminum tunnel section.
- Hydraulic motor built in the pod directly connected to the propeller shaft.
- Aluminum hydraulic tunnel thrusters are available from 30 hp (22 kW) up to 250 hp (187 kW) with tunnel diameters from 16 in. (406 mm) up to 36 in. (914 mm).

### Control Systems (Optional):

- Bridge Panel Features: The control systems include a joystick control and an LCD (Liquid Crystal Display) panel, offering a variety of programmable features for enhanced control and flexibility.

### Power Pack (Optional):

- HPU (Hydraulic Power Unit): An optional Hydraulic Power Unit can be included with the TEC-Drive system, providing a complete and self-contained power source for the thruster. This unit ensures optimal hydraulic pressure and flow, tailored to the specific requirements of your vessel.



## Tec-Drive Hydraulic Outboard Propulsion Unit



### Performance:

- Optimal Operation: TEC-Drive thrusters are designed to be simple, quiet, and efficient, providing an exceptionally smooth operation. They deliver all the benefits of an ideal tunnel thruster, including precision and reliability.

### Versatile Applications:

These thrusters are available from 30 hp (22 kW) to 250 hp (187 kW), with tunnel diameters from 16 inches (406 mm) to 36 inches (914 mm). They are designed for the main propulsion and positioning of barges, workboats, and river craft.

### 180° Rotation:

The units feature a 180° rotation capability, allowing for exceptional maneuverability and positioning flexibility.

### Easy Conversion:

The conversion of a barge or unpowered vessel to utilize TEC-Drive thrusters does not require modification of the hull, making it a cost-effective and straightforward upgrade.



## Tec-Drive Technical Specifications



Type	Tunnel (mm)	BHP	kW
TD – 16 – 030	406	30	22
TD – 16 – 040		40	30
TD – 16 – 050		50	37
TD – 16 – 060		60	45
TD – 16 – 070		70	52
TD – 24 – 100	610	100	75
TD – 24 – 110		112	84
TD – 24 – 060		60	45
TD – 24 – 070		70	52
TD – 24 – 080		80	60
TD – 24 – 090		90	67
TD – 30 – 100	762	100	75
TD – 30 – 125		125	93
TD – 30 – 150		150	112
TD – 30 – 175		175	130
TD – 30 – 200		200	150
TD – 36 – 150	914	150	112
TD – 36 – 175		175	130
TD – 36 – 200		200	150
TD – 36 – 225		225	168
TD – 36 – 250		250	186



## Company Profile



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## TEC HOLLAND INTERNATIONAL

TECHNICAL EQUIPMENT COMPANY HOLLAND INTERNATIONAL B.V. (abbreviated as TEC and TEC Holland) was founded in 2016 by Jan de Deugd. Our family-run business specializes in the development, manufacture, and sale of technical equipment.

Although founded in 2016, TEC HOLLAND INTERNATIONAL draws on decades of combined experience in delivering solutions across the marine, offshore, heavy duty, and pumping industries.

As the official distributor, wholesaler, and dealer in various parts of Europe and Asia, we pride ourselves on leveraging our extensive knowledge and expertise to develop our own TEC-DRIVE product range.

This product line is enhanced through strategic collaboration with technicians from our customers and suppliers, ensuring that our solutions meet their specific needs.

We believe in building strong relationships with our partners to create added value for our end-users. This collaborative approach ensures that our products are innovative, reliable, and tailored to the specific requirements of our customers.

TEC HOLLAND INTERNATIONAL B.V.