

Tunnel Thrusters

For Heavy Duty Commercial Operation



The Power To Perform

WESMAR Tunnel T



Rugged, Counter Rotating Dual Prop Thrusters for turning in Tight Quarters, Holding Position and Docking

Whether maneuvering in narrow channels, working in crowded harbors, or holding the nose to maintain heading in violent open seas, you can depend on the rugged, tough and powerful Bow Thrusters built by WESMAR. They are what you need to deliver precise movement of commercial vessels whether working offshore, fishing or docking in adverse conditions.

Our counter rotating design provides 40% more power plus less water turbulence in the tunnel giving you the reliability you need to perform your job. Built rugged with, the high quality durable Kaplan props add to their efficiency and reliability.

WESMAR's thrusters are cast in bronze or aluminum and built to the most rigorous standards.

WESMAR thrusters are operating on vessels 50 to 350 feet including cable and seismic vessels, draggers, seiners, diver utility boats, tugs, supply boats and jack up vessels and dynamic positioning operations.

ON THE COVER:

WESMAR's Super Model DPC 350 is built to handle rugged offshore conditions. The system uses 40 inch diameter, four blade Kaplan props for optimum power and control.

In the background is a 155 foot crew boat equipped with a **WESMAR DPC 200**.



Working in rugged, crowded, and challenging environments around the world aboard:

- ▶ Charter Boats
- ▶ Crew Boats
- ▶ Cruise Boats
- ▶ Deep draft Vessels
- ▶ Dinner Boats
- ▶ Dive Boats
- ▶ Ferries
- ▶ Fishing Boats
- ▶ Gaming Vessels
- ▶ Jack Up Boats
- ▶ Lift Boats
- ▶ Military Vessels
- ▶ Oil Pollution Boats
- ▶ Passenger Vessels
- ▶ Research Vessels
- ▶ Ro-Ro Boats
- ▶ Search & Rescue Boats
- ▶ Supply Boats
- ▶ Tour Boats
- ▶ Towboats
- ▶ Tractor Tugs
- ▶ Tugboats
- ▶ Utility Boats
- ▶ Work Boats

WESMAR's Model DPC 75 is designed for vessels 60 to 100 feet. It provides rugged strength and 40 percent more power than a single prop system.

Systems the Pros Depend On

Thrusters: powerful control; unmatched confidence

WESMAR Next Generation Commercial Designs

**Greater Thrust, Greater Leverage
Always Reliable**

With WESMAR's Commercial Bow Thrusters you gain more thrust from the same input power. The second propeller turns wasted swirl into usable thrust, and allows for a smaller diameter tunnel that can be installed deeper and further forward in the bow. This design provides for better turning performance. And you'll even save on installation cost.

WESMAR thrusters will give you years of service in the most brutal marine environments. They are manufactured of the highest quality materials and they have an in-the-field reliability record next to none.

WESMAR's sleek, efficient, heavy duty Model DPC 200 uses 24 or 26 inch props and works well for both commercial and large pleasure boats.



"The counter-rotating propellers and ease of installation make WESMAR our choice of tunnel thrusters for the future."

*David Freeman, Vice President
Breux Brothers Enterprises, Inc.*

Built by The Leader

WESMAR leads the industry in innovative design, engineering and manufacturing for the marine industry.



Because at WESMAR we design and build every product ourselves we are able to maintain complete control over manufacturing standards and the materials used. They are manufac-

tured of the highest quality materials and have an in-the-field reliability record next to none.

Why Choose WESMAR?

WESMAR has been the leader in marine manufacturing since 1965. Everything we build is for the marine industry and operates below the waterline, often in the most violent sea conditions.

WESMAR's team of skilled and precise, skilled craftsmen are using the most modern machinery to produce high-quality, reliable equipment.

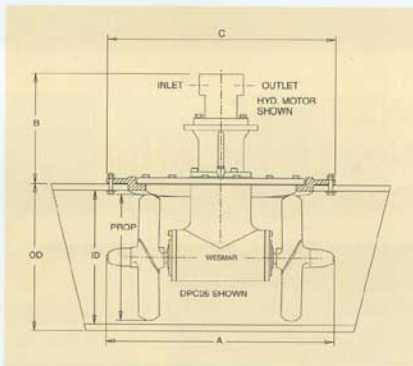
Our Bow Thrusters, Roll Fin Stabilizers and Sonars are working onboard pleasure boats, work boats, commercial and military vessels around the world.

Superior Performance Through Proven Design

Dimensional Specifications

Electric, Hydraulic & Direct Drive

Manufacturers and boat yards around the world install WESMAR hydraulic, electric or direct drive Bow Thrusters on their boats. The systems are assembled and tested, with the solenoids pre-wired at the factory, and WESMAR can provide you the names of dealers, boat yards, and distributors in your area who can help with installation.



Bow Thruster centerline can be mounted anywhere from vertical to 90° horizontal.

Model (Max HP)	DPC25-10	DPC25-40HP	DPC50	DPC75-150
A	20.3 in (51.6 cm)	20.3 in (51.6 cm)	23 in (58.4 cm)	26 in
B	Hyd 12.0 in (30.5 cm)	Hyd 10.5 in (26.7 cm)	Hyd 11.8 in (30.0 cm)	Hyd 14.5 in
C	21.6 in (54.9 cm)	21.6 in (54.9 cm)	21.6 in (54.9 cm)	22 in (56.4 cm)
Prop	10 in (25.4 cm)	12 in (30.5 cm)	16 in (40.6 cm)	20.0 in
Fiberglass Tube	OD 11 in (27.9 cm)	14 in (35.6 cm)	18 in (45.7 cm)	22 in
ID	10.5 in (26.7 cm)	12.75 in (32.4 cm)	16.5 in (41.9 cm)	20.25 in
Steel Pipe	Size 10.5 in ID Tube	14 in Sch 40 or 60	18 in Sch 40 or 60	22 in Sch 40 or 60
OD	11.0 in (27.9 cm)	14.0 in (35.6 cm)	18 in (45.7 cm)	22 in (55.9 cm)
Boat Size	38-60 ft	50-85 ft	60-130 ft	90-165 ft

Model (Max HP)	DPC200 (150-200HP)	DPC250	DPC300	DPC350
A	43 in (109.2 cm)	43 in (109.2 cm)	45 in (114.3 cm)	45 in (114.3 cm)
B	Diesel Eng or Hyd	Diesel Eng or Hyd	Diesel Eng or Hyd	Diesel Eng or Hyd
C	14 in (36 cm)	14 in (36 cm)	14 in (36 cm)	14 in (36 cm)
Prop	28 in (71.1 cm)	32 in (81.3 cm)	36 in (91.4 cm)	40 in (101.6 cm)
Steel Pipe	OD 30 in (76.2 cm)	34 in (86.4 cm)	38 in (96.5 cm)	42 in (105.7 cm)
ID	28.75 in	32.75 in	38.75 in	5/8 Wall 40.75

*Recommended sizes will vary depending on hull material and vessel type.

WESMAR™ Western Marine Electronics

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Dealer Stamp

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