



The Sideshift Advantage:

Stern Thruster Overview

Sideshift's family of Stern Thrusters are perfect for boats from 20' to 50' in length. They mount easily to the underside of a horizontal surface like a swim platform, or to a vertical surface such as a transom. As such, they are perfectly suited for cruisers, sport boats, sailboats, houseboats, pontoon boats, catamarans, trawlers and more. No expensive tunnel is required.

Mounted externally to the boat, the rearmost location maximizes turning power and responsiveness for easy maneuvering of narrow waterways and tight corners. Back confidently into a slip with the simple touch of the joystick.

Offering an immediate response with its water cooled motors, the heavy-duty, 8" aluminum propellers provide quiet and smooth operation. Saltwater proven, the rugged stern thrusters are anode protected to prevent corrosion. They are finished with anti-fouling paint over epoxy primer.

All mounting locations are above the waterline. No holes are required below the waterline. As a result, installation can occur with the boat in the water. Shipped as a complete kit with thruster, controller, hardware and joystick, installation usually takes less than a day.

Selecting which thruster is right for you is as easy as determining your boat's length:

| Model # | Stern or Stern | Boat Length |
|--------------|----------------|----------------------------|
| ST340 | Stern | 20 – 40 ft (6.1 – 12.2 m) |
| ST350 | Stern | 40 – 50 ft (12.2 – 15.2 m) |



The Sideshift Advantage: Stern Thrusters

For boats up to 50 feet in length or more, Sideshift's external Stern Thruster mounted to the swim platform or transom provides several benefits:

- **Less than half the cost!** When compared to the installed cost of tunnel thrusters, Sideshift's Stern Thrusters are less than half the cost.
- **Responsiveness.** Since the propeller of the Stern Thruster is directly exposed to open water, it immediately cuts through the water at 3000 rpm like a fast corkscrew, pulling the boat in the direction desired. The responsiveness and turning power will surprise you.
- **Versatile Horizontal Mounting.** Sideshift's Stern Thrusters are designed to be mounted to a flat horizontal surface, like the underside of a swim platform, or the decking of a houseboat or pontoon boat. And with the use of the optional Stern Extension Mount Kits, proper placement of the motor below the water surface is assured for elevated horizontal surfaces.
- **Versatile Vertical Mounting.** Sideshift's Stern Thrusters are also designed to be mounted to a flat vertical surface, like a transom. With the use of Sideshift's Stern Mounting Bracket and Extension Mount Kits, proper placement of the motor below the water surface can be easily achieved.
- **Rearmost location.** Sideshift's Stern Thrusters mounted on a swim platform provide a pivot point advantage. This maximizes the turning power of the stern thruster, and allows for easier maneuvering in narrow waterways and for tight corners. Back confidently into a slip with the simple touch of the joystick.
- **Easy selection.** No complex formulas are required to select motor size and options. Simply select the right thruster for your boat based on its length.
- **No holes below the waterline.** All the mounting locations to attach the Stern Thruster to the boat are above the waterline. As a result, no holes are required below the waterline, which eliminates the risk of hull leakage due to the thruster. Installation of the Stern Thruster can even be done with the boat in the water.



- **No motor inside the hull.** Sideshift's Stern Thruster motors are located outside the hull. As a result, they can be installed on boats where hull geometry, engine location or outfitting do not permit through-hull thrusters.
- **All-inclusive packaging.** Sideshift's Stern Thrusters are sold as a complete kit. Thruster, controller, joystick, wiring, hardware and even SikaFlex are all included. Simply open the box and get started. When finished, just connect to your boat's power source and enjoy amazing boating.
- **One day installation.** Tunnel thruster installation is normally the job of professionals, requiring several days out of the water to complete. By contrast, Sideshift's thrusters are typically installed in less than a day – and the boat can stay in the water!
- **DIY installation.** Sideshift's Stern Thrusters are designed for the handy boat owner to install themselves. Step by step easy to follow instructions are included. Thousands of people worldwide have successfully completed the installation time in less than a day. As well, professional installers also appreciate the installation simplicity.
- **Water cooled.** External stern thrusters have a longer duty cycle as they are cooled by open water. The 12V or 24V DC motor is not located in an unventilated confined space or hot engine compartment, as is the case for tunnel thruster motors.
- **Drag-free.** External stern thrusters do not contribute additional drag when the boat is planing as the thruster is lifted above the waterline.
- **Extremely quiet.** Tunnel thrusters are known for being rather noisy. Sideshift's Stern Thrusters operate silently, with the only noise being the sound of water moving.
- **Removable.** Although Sideshift's thrusters increase the residual value of the boat, the external Stern Thruster can easily be removed and re-installed on a new boat.
- **No large holes in the hull.** Most stern thrusters require a large hole drilled through the hull below the waterline for installation of the thruster. This can affect the hull's structural integrity and result in leakage. Sideshift's thrusters do not require the use of any intrusive tunnel nor any holes below the waterline.