

FREEMAN MARINE'S Top Hung Sliding Doors offer inflatable gasket weather tight sealing. Sliding doors can be specified in virtually any size required and in a variety of configurations in either single or bi-parting panel styles. Custom sized windows designed to complement adjacent vessel windows can be ordered. Passive solid panels as well as sidelights are also available.

FREEMAN Sliding doors are finished in yacht-quality linear polyurethane and offer attention to detail, durability, performance and style not found in lighter duty sliding doors.

Every FREEMAN MARINE 1730 & 1736 Automatic Top Hung Sliding Door comes with complete INSTALLATION INSTRUCTIONS outlining the physical installation and alignment of the door assembly, and a comprehensive OWNER'S MANUAL providing information on installation and operation of the control system.

Typical Installations:

- Aft Salon Entry • Main Foyer Entry
- Heavy Weather Locations
- Frequent Wash Down Locations



### TOP-HUNG AUTOMATIC DESIGN FEATURES

- Noise-Isolating Top Rollers
- Pneumatic Inflatable Gasket for Complete Weather Sealing
- Brush Edge Seal for Air Conditioning Management
- Precision Crafted Panels – Flat or curved available
- Edge-to-edge Direct Bonded Glass Available
- Panel Edge Touch Strips, Beams and Sensors – Multiple Levels of Obstruction Sensing
- Touch-Activated and Automatic Entry Options
- Single and Bi-Parting Doors
- Custom Sized Windows
- Yacht Quality Finishing and Hardware



**\*GDS "Plug & Play" Controller Package:**

FREEMAN MARINE is proud to exclusively supply its proprietary, marine grade automatic door controller as a component of every Model 1730 and 1736 sliding door. An automatic sliding door for a yacht or commercial-for-hire vessel is a major investment as well as a closure that needs to have unquestioned reliability. That's why FREEMAN MARINE has developed the GDS-1 Automatic Door Controller – A marine grade, application-specific controller that has all the features, interfaces and outputs that are needed for reliable 'at sea' functioning, interconnecting to ancillary equipment and remote diagnostics (if desired & optionally ordered).



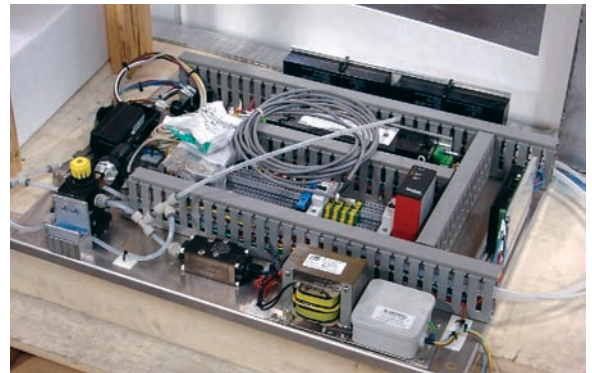
Drive motor and gear box - IP66 rated



Control Panel - Environmental Closure

The GDS controller package is configured as two [2] major pieces:

- 1) Protective enclosure (tub) with IP66 rating – can be provided at time of door ordering to allow for mounting during superstructure fabrication.
- 2) Control system back plane with wiring harness – the heart and brain of the door controller package stays with your door throughout its fabrication and testing. It is then easily bolted into the 'tub' when the door is installed on board, followed by the 'plug & play' matched connector wiring being routed and reattached.



Control panel - Back board

**Custom Wire Harnesses:**

Freeman Marine provides proper length cable assemblies for your specific installation fitted with IP66 rated matched pair connectors. At time of door ordering, custom length cables can be specified and installation matched wiring harnesses will be provided. Using installation matched, modular "plug and play" cables insures wiring integrity and control system reliability.

**Pneumatic Gasket - Optional Evacuator Module:** The door's pneumatic system can be configured to be natural evacuated, or supplemented with a vacuum pump. The vacuum is also configured as a "plug and play" module and is designed to integrate with the standard electronics/controls package. Evacuation time with optional evacuator system is about 4 seconds; natural 'bleed down' evacuation requires about 8 seconds.



1736 Curved with sidelights, Weathertight connectors (1r)



1736 wiring harness