



**WATERJET
CONTROL SYSTEMS**

GLENDINNING

GLENDINNING COMPLETE CONTROLS 2 OFFERS THE MOST CAPABLE AND COMPREHENSIVE CONTROL SYSTEM AVAILABLE FOR WATERJET APPLICATIONS

STEERING CONTROLS

Comprehensive steering with usage of electro-hydraulic steering control.

CONVENTIONAL HELM STEERING

- Conventional steering helm can provide control of the steering using a conventional wheel. The number of turns are adjustable detent.
- Rotary helm provided with tilt mechanism.

LEVER STEERING

Steering can be directed through a lever which travels through a 150° arc. A detent provides haptic feedback to the operator to indicate the rudder center position.



Munson 48' Oil Spill Response Vessel

HELM CONTROLS

ProGrade

- Stainless Steel IP67 rated enclosure with black tactile keypad.
- Designed for standard all-purpose applications.



GENESYS

- Compact footprint with IP67 enclosure and composite shell.
- Available in black or chrome finish.
- Small footprint and handle throw for compact station applications.



Helm Controls Configuration Options

Control configurations can be customized to fit various vessel requirements including:

- **TYPE 1.** Traditional separate throttle, reverse bucket, and shift.
- **TYPE 2.** Combined throttle and reverse bucket with separate shift.
- **TYPE 3.** Combined throttle and shift with separate reverse bucket.



**ANY TYPE
OF VESSEL**



**ANY SIZE
OF BOAT**



**ANY NUMBER
OF ENGINES**



**ANY BRAND
OF WATERJET**



**ALL REMOTE CONTROL
FUNCTIONS**



**ANY NUMBER OF
CONTROL STATIONS**



**ALL TYPES OF
CONTROL DEVICES**



GRAPHIC DISPLAY PANEL

Graphic display screen provides the vessel operator with all necessary system interaction, including:

- Propulsion system status information.
- Control of control system functions.
- Adjustment of system configuration parameters including high idle and zero thrust.



JOYSTICK CONTROL

ProPilot

The ProPilot Joystick controls engine speed (throttle), reverse bucket and steering. When controls are in zero thrust detent position, intuitively control the vessel propulsion in all directions - Ahead, Reverse, Sideways, and Rotation by utilizing throttle, reverse bucket, and steering.



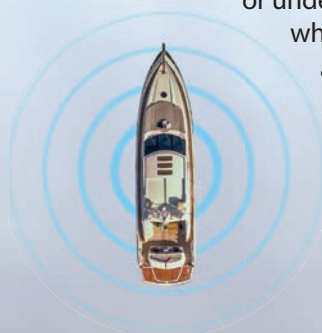
DYNAMIC POSITIONING

ProPosition

Negate surrounding elements such as wind or current by utilizing GPS and compass data to send propulsion and bucket commands.

- **POSITION HOLD.** Maintain vessel position with the push of a button.
- **HEADING HOLD.** Hold the bow of your vessel at one compass point while anchored or under way with options to adjust while on the fly.

- **HASSLE-FREE CONTROL.** Simple interface with graphic display panel to set desired parameters and monitor vessel position.



Propulsion Endpoint Control

We can provide function for any type of endpoint control:

- **THROTTLE** – Mechanical or Electronic.
- **SHIFT** – Mechanical or Electronic.
- **BUCKET** – Mechanical, Electronic or Electrohydraulic.
- **Steering** – Electronic or Electrohydraulic.



ELECTRONIC BACKUP

Optional redundant control system can provide manual override of bucket and steering.



40 FT. COMMERCIAL EXPEDITION VESSEL

- Twin Cummins QSC/Ultrajet.
- Two station.
- Throttle/shift, reverse bucket control, steering.
- Joystick capability.



78 FT. EXCURSION BOAT

- Triple Baudouin/Hamilton HM522.
- Three station.
- Throttle/shift, reverse bucket control, steering.
- Lever steering (full followup) control at wing stations.



40 FT. RECREATIONAL YACHT

- Twin Yanmar 6LP/Hamilton Waterjet.
- Two station.
- Throttle/shift, reverse bucket control.
- Joystick capability.
- Integrated with manual steering system for joystick function.



36 FT. RECREATIONAL YACHT

- Single Yanmar 6LP/Hamilton Waterjet.
- Single station.
- Throttle/shift, reverse bucket control.
- Joystick capability.
- Integrated with manual steering and bow thruster for joystick operation.



Glendinning Products, LLC.

740 Century Circle, Conway, SC 29526-8274

t: +1 (843) 399-6146 | e: info@glendinningprods.com | f: +1 (843) 399-5005

www.glendinningprods.com

