

## **Marine Boatbuilders CO.**

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**PO BOX 7826  
WARWICK RI 02887**

**Telephone: 401-935-1186  
FAX: 401-732-4528  
EMail: rickjr@marineboatbuilders.com**

**Web site: [www.pumpoutboats.com](http://www.pumpoutboats.com)**

*We are pleased to introduce our new 2022, 23' PUMPOUT BOAT. This is our third-generation new mold. Built and designed from our twenty-five years of experiences building PUMPOUT boats, work boats, and patrol boats. Our boats are built for safety, simplicity, and stability.*

- **MODIFIED V HULL DESIGN**

*Our PUMPOUT hull bottom is concaving not convex like most hulls. This allows for maximum stability, and ease of handling. Our boat because of its design will not yaw in a following sea. The hull is constructed with a combination of hand laid woven, roving, and gun roving. All fiberglass is "E" glass and the resin is thermo set polyester. The gelcoat is ISO NPG thermo set gelcoat, normally 1.5" thick. Our boat has a 10-degree dead rise at the stern, which allow the boat to plane quickly. The hull transom is a composite laminate 2" thick, and 1" fiberglass a total of 3" thick. There is no wood in the transom.*

- **STRINGER SYSTEM**

*Our stringer system is a U channel all fiberglass state of the art system. There is no wood in our stringer system.*

- **Deck, Floor**

*The deck is a combination of hand laid woven, roving, and gun roving. Fiberglass "E" glass applied, and the resin is thermostat gelcoat (white). Deck has a 12" step up in the bow area that is 48" long. It includes two forward large stowage areas with fiberglass hatches. The deck is free from any pumps, vents, or pipes of any kind leaving much-needed extra workspace, and NO trip hazards. Our floor is fiberglass composite, not wood like other boats there is NO wood in our deck, floor or in our boat. The deck is finished with non-skid on horizontal surfaces. Our deck is self-bailing at all times; weather containment cell is full or empty.*

## **FOAMED FLOTATION**

*Two-part thermostat foam is injected between the floor and hull in areas occupied by fuel tank.*

- **QUALITY GELCOAT**

*Only storm and blister resistant gelcoats are used to form the skin of each PUMPOUT boat, a wide variety of colors are available. White is our standard color included in the quote price; other color choices would be extra cost.*

- **FUEL TANK**

*The fuel tank is 50 gallons and located below the deck.*

*The fuel systems in our Marine Boatbuilders Pump-Kleen Pumpout Boats are now installed to meet the new 2021 EPA standards.*

*The fuel tank when being filled stops at 45 gallons. A few things to note for new boats: when the tank is being filled for the first time you may experience what they call “green tank syndrome”. When trying to fill the tank it will shut off prematurely, the best fix is to just try and trickle a few gallons in then let it sit for about a minute then finish fueling the boat. Do not overfill the tank. Doing so will break the sender unit.*

- **CONTAINMENT CELL**

*A built in 420 gallon fiberglass holding tank below the water line, is a standard feature on our 23’ PUMPOUT BOAT. The containment cell has 5 layers of fiberglass that include 4 layers of 24 oz. Cloth. Our containment cell has 4 baffles. The Edson pump that runs the sewage tank is located completely under the center console. In addition, under the console is the intake and discharge pipes leaving the entire deck free to any trip hazards and much needed additional working space. It is an Edson 120 ELB-40 Diaphragm Pump; the vent is located outside the starboard hull. The tank has an alarm that sounds when tank is full.*

- **Waste Indicator**

*Waste tank Indicator:*

*One of many standard features of the Marine Boatbuilders Pump-Kleen series is a waste tank level indicator. This allows the operator*

*to determine the level of waste in the holding tank during operation. This is a unique feature located under the center console. This custom gauge goes to the bottom of the waste tank using a clear 1-1/2" PVC tube and a float level indicator to determine the amount of waste in the holding tank. The gauge is marked with empty, half full, and full for the operator to determine the amount of room left in the tank before the high-level alarm will sound.*

- **OTHER STANDARD FEATURES**

- 1. Large size center console w/ electrical box*
- 2. Grab rail around windshield*
- 3. Running lights. Pop up stainless steel.*
- 4. Stainless steel bow eye and transom tie-downs.*
- 5. Two 3" scuppers.*
- 6. Heavy-duty rub rail.*
- 7. waste tank alarm*
- 8. 1100 G.P.M. automatic bilge pump.*
- 9. Seven (7) 10" stainless steel pop up cleats.*
- 10. Two (2) 8" stainless pop up cleats*
- 11. The Cleat, chocks, and running lights in the bow are Stainless Steel Pop ups.*
- 12. Four (4) Mushroom cleats*
- 13. Ritchie compass*
- 14. Two deep cycle series batteries.*
- 15. One (1) non-feedback battery switch.*
- 16. Raw water wash down pump.*
- 17. Stowage areas with hatches.*
- 18. door on center console*
- 19. Leaning post in for center console with stowage*
- 20. All round fender system*
- 21. Waste tank indicator (ST-1000)*
- 22. Hydraulic steering*
- 23. Coast Guard Package*
- 24. Waterproof breaker switches*
- 25. Depth finder*
- 26. Pump-Kleen® fendering System*
- 27. T-Top standard. Pilot house is optional*
- 28. VHF radio, ss mount, antenna*

## **SPECIFICATIONS**

**Overall length:** 23'  
**Beam:** 8'7"  
**Draft:** 16" lightship  
22" full load  
**Dead rise:** 10 degrees, or 22 degrees  
**Transom angle:** 12 degrees  
**Approx. weight:** 3000 lbs. Lightship  
**HP rating:** 225 single or  
**HP recommendation** 150hp-200hp  
**Freeboards:** 44" forward, 34" aft.

- **Pump**

*Our Standard pump is an Edson 120ELB electric powered diaphragm pump with 40gpm capability. Other options such as peristaltic pumps are available as an upgrade.*

- **Warranty**

*We offer a five (5) year warranty on the hull and a 5-year warranty on the holding tank.*

- **Engine**

*200HP Suzuki (standard)*

*-Honda available*

*-Yamaha available*

- **Options:**

*Trim Tabs*

*Tow Bar/Crash Bar*

*Weather Enclosure*

*Bow Thruster*

*Engine Upgrade*

*Bimini Top*

*GPS*

*Pump Upgrade*

*Graphics*

*Horn*

*Electrical Tube*

*Shrink Wrap*

*Back rest for seat*

*Front seat option*

- *Boat delivered in turn key operation.*