



29

DEFLIANT

METAL SHARK
ALUMINUM BOATS





When Metal Shark was awarded the contract to replace the US Coast Guard's aging fleet of 470 Response Boats – Small (RB-S) with the new 29 Defiant, it marked the dawn of a new era in coastal security. The \$192 million contract was one of the largest boat buys of its kind for the Coast Guard, and the decision to switch to Metal Shark from an entrenched competitor was not made lightly. Metal Shark was selected after an exhaustive series of head to head tests proved the merits of the company's substantial investments in design and technology. Today, the Metal Shark 29 Defiant is the most advanced, rugged, and versatile trailerable aluminum pilothouse in the industry.



29 DEFIANT



Construction: Like all Metal Sharks, each 29 Defiant is made of welded plates of corrosion-resistant 5086 aluminum alloy. Foam flotation has been employed below decks and in the gunnels, and a durable collar provides reliable impact protection for the craft and its crew. The collar is made of solid foam encased in impact-resistant urethane. It combines the utility of a full foam collar with the deck space and simplicity of a hard sided craft.



Pilothouse: The most immediately apparent advancement in the Metal Shark Defiant class is the groundbreaking pilothouse design which employs pillarless glass to substantially enhance visibility. The result is a near elimination of the dangerous blind spots which are an unfortunate drawback of other pilothouse vessels.



Convertible Window System: The 29 Defiant features a unique window system that allows the side and aft windows to quickly drop into the hull, converting the vessel from a full cabin to an open boat. No longer must a choice be made between the utility of an open boat and the all-weather capability of a pilothouse; Metal Shark deftly combines the best of both. Accordingly, the 29 Defiant is a far more usable and substantially safer patrol platform than the conventional pilothouse vessels it is steadily replacing from coast to coast.



29 DEFIANT



Configurations: The 29 Defiant is available with a forward cuddy or an open bow cockpit. In the Bow Cockpit model, a forward door provides through-cabin access to the open foredeck and optional .50-caliber machine gun mount, while the Cuddy Cabin model features a roomy forward berth which doubles as a large dry storage area. There are multiple available seating configurations for the pilothouse, with common options including shock-mitigating seats and bench seating for greater crew capacity. Available climate control delivers true, all-weather comfort.



29 DEFIANT



Twin Outboard Configuration: The 29 Defiant shown here is equipped with twin counter-rotating 225 HP Honda four-stroke gasoline outboard engines. Set up as equipped, this vessel reaches a top speed in excess of 45 knots. The vessel is rated for twin outboards up to 300 HP each. As an OEM installer for all major outboard manufacturers, Metal Shark can install the engine brand you prefer.



Twin Diesel Waterjet Configuration: The 29 Defiants shown here are equipped with twin Yanmar 6LPA-STP2 diesels mated to Hamilton 241 jet drives. This package delivers the reliability and economy of inboard diesels, plus the shallow-draft capability and maneuverability of water jet propulsion. By utilizing the water jet's split-duct thrust-reversing "buckets," the vessel can be brought from planing speed to a full stop within two boat lengths. Pivoting, turning, crabbing sideways, and other maneuvers are accomplished with ease. Top speed as equipped exceeds 40 knots. Also shown here are the available tubular swim platform, aft guard rails, and tow rope line spool.



29 DEFIANT

SPECIFICATIONS:

Length, Boat Only:	29' / 8.84 meters
Length, With Outboards:	31' 8" / 9.65 meters
Beam:	8' 6" / 2.57 meters
Operational Draft, Outboards:	24" / 61 centimeters
Operational Draft, Waterjet:	18" / 46 centimeters
Height on Trailer: (Mast Stowed)	10' 4" / 3.15 meters
Weight, Fully Outfitted:	8,400 lbs / 3,810 kg
Fuel Capacity (Std):	110 gallons / 416 litres

KEY FEATURES:

Bilge Pumps: (2) 3700 GPH
Bow Bit & (6) 10" Cleats
Collar: Solid Foam Wraparound
Construction: Welded 5086 Aluminum Alloy
Dash: Large, for Electronics and Controls
Decks: Self-Bailing w/ Scuppers
Dive Reliefs: Port & Starboard
Electronics Mounting Pod: Overhead
Fans: Overhead Circulation
Fire Extinguishers: (3)
Fuel/Water Separators: Racor (2)
Defrosting System: Cabin
Grab Rail Package
Ladder, Removable
Life Ring w/ Mount
Lifting Eyes, Four-Way
Lighting: Courtesy LED Work Lights
Lighting: Accommodations Area
Lighting: Courtesy LED Work Lights
Lighting: Low-Level Walkway Illumination
Lighting, Navigation
Lockers: Bow/Anchor & Stern
Non-Skid Decks & Gunnels
Pilothouse: Fully enclosed, 360-degree visibility
Radar Arch: Folding
Steering Helm, Tilt Hydraulic

KEY FEATURES, CONTINUED:

Tow Post / Gun Mount: Forward
Windows & Doors: Diamond SeaGlaze
Wipers: Self-Parking
Zinc Anodes, Hull

COLLAR & HULL FENDERING SYSTEM:

Heavy-Duty Sheath-Wrapped Foam Collar
Bolt Rope Style Attachment System
Black rub strake
Anti-fouling paint preparation behind collar
Custom color choices & UV coating protection
Integrated dive relief cutouts

SPECIAL NOTE:

As a fully custom designer and manufacturer, Metal Shark routinely modifies vessels to meet a customer's specific requirements. Customization may entail anything from altering the physical dimensions and capacities of the vessel to the installation of specialized equipment and accessories. Electronics, seating, paint finish (if desired) and virtually any other aspect of the vessel's features may be determined by the customer.

The specifications and key features shown here are representative of a common vessel setup and are given for reference only.



METAL SHARK
ALUMINUM BOATS

29 DEFIANT



METAL SHARK
ALUMINUM BOATS

Phone: 337.364.0777

Fax: 337.364.0377

Email: sales@metalsharkboats.com

Web: www.MetalSharkBoats.Com