

Vectorworks Marine Inc.

Blade F16 Price list

Model Year

2008

BLADE F16

The Blade F16 started life as one of the first boats designed to maximize the formula 16 box rule. Since that time the Blade has become the standard by which all other F16's are judged against. Vectorworks Marine was the first to take the Blade hull design and develop the tooling and production processes to build these boats from composites. Phill Brander developed the Blade hull shape, originally from stress form ply, by extensive testing and refinement of various tow tank models and full scale prototypes. VMI took the hull lines developed by Phill Brander, faired them with our CAD software and CNC machine cut composite production tooling. We then engineered the processes and laminate to build this shape from composites and integrated the boats systems.

Going into 2008, we continue to work on refining and optimizing what has proven right from the start to be an extremely fast and fun to sail boat.

The Vectorworks Marine Blade is fully F16 compliant and ready to sail/race boat with: White NPG Iso gel coat exterior finish, Light-weight foam core sandwich construction with fiberglass reinforced vinylester laminate, Large diameter aluminum alloy beams, Performance foils, Carbon high-aspect dagger boards, Wing-section mast, Radial cut Pentex racing sails, Single color high aspect spinnaker, Mid pole snuffer system with single line control, Fully battened jib, Self tacking jib system, Top of the line bearing blocks on all control lines and Premium cordage.

USD \$16,000

Available Options:

Kevlar Outer Hulls	\$500
Carbon Rudders	\$150
Colored Hulls	\$300/500 *
Sta-master shroud adjusters	\$45
Additional spin colors	\$75 ea
Trailer (Galvanized steel w/ 12" tires, forward cradles, rear double rollers, mast caddy and tie downs)	\$1,300
Composite cradles w/ carpet surface molded for Blade hulls	\$200 set of 4
	\$110 pair (fore or aft)
Cat-Trax w/ Cradles	\$499
Yard cover (Top gun by Kinder)	\$650

Pricing F.O.B. Factory FL. Taxes and duty not included.

Shipping is available worldwide

Packaging for shipping	\$350
Actual freight Pre-pay and add at cost depending on destination.	

In 2006 we pioneered the development of a proprietary thermo-formed core and hull joining system. Going into 2008 we have continued to refine our construction process. Each step of our hull shell fabrication is now fully vacuum consolidated. While being both expensive and time consuming, the improved structural integrity and weight consistency are well worth the extra effort. We have also modified our hull tooling at the rear cross bar to provide a full seat for the bar. This, along with some refinement to our bulkhead, and

hull joining system have greatly improved our overall platform stiffness. The Blade now also comes standard with high aspect carbon dagger boards to build on what was already a stellar upwind performer.

The F16 was developed as a competitive racing platform. While not all Blade owners race, having an “optimized” boat is something that has been a hallmark of the Blade buyers. In 2007 Vectorworks Marine supplied the boats for the US Sailing Multihull Championships (Alter Cup). Over the years leading up to this event premiering the F16 class, significant development had gone into the systems used on these boats. Feedback from some of the nations and worlds top sailors following their week on these boats was almost unanimously positive. Moving into 2008 we have taken this feedback and constructed our new boats along these same lines. 12:1 internal down haul, Pentex race sails, 8:1 carbon main sheet system, carbon boards, under tramp ready deployed righting system, beam end caps, etc... This boat has refined hull lines, light weight, superior build quality and top notch systems, rigging and a sail plan that doesn't require Hercules to control in a blow. For those with the ability, this platform provides you all the tools to compete with many of the larger beach cats on the market or just go out and have more fun sailing than you thought was possible.

Try out a Blade today.

- Contact the factory. Some gel coat special colors may be in stock. If so, it is a \$300 add-on for non-white. Virtually any color can be made. If a custom color is special ordered, it is a \$500 add-on. **Note:** Dark colors are not recommended. Black or near black colors will not be warranted.

BLADE F16 RIGGING

Standard Features

Vacuum formed foam cored hulls made with fiberglass reinforced vinylester resin

Proprietary formed coring system

Molded and fitted beam pockets (all hulls factory cast pockets)

Finished and faired lower hull seams with a molded-in non skid deck surface

Precision shaped foils

High aspect carbon dagger boards

Composite molded rudder stocks

Quick release detachable rudder assembly

V-line rudder lock-down system

Large diameter fitted aluminum alloy cross bars

Capped beams

Black mesh tramp with large storage pocket w/ Teflon thread for long life

Wing section mast

Dyform diamond wires

Adjustable spreaders

12:1 internal down haul system

Outboard lead tramp mounted mast rotation system

4:1 internal boom outhaul

Smoke Pentex radial race cut sails

Fully battened jib

Molded pylon mounted self tacking jib system

Adjustable jib halyard system

Quick attach spin pole with mid pole snuffer system

Slit tack/halyard spin run (Single line control available on request)

Single color high aspect F16 spin standard

Carbo ratchet spin sheet control blocks

8:1 Harken Carbo main sheet system

All control systems supplied with ball bearing blocks

Premium lines and cordage.
Single piece full length composite tiller extension

Should you have any questions on set-up or other hardware options, please contact the factory.

While for 2008 we have tried to run as standard the options that seemed to be universally chosen, we recognize that there are many items that some feel they just may not want or would like different. Many of the old "standard" items may still be available and special rigging set-ups may be accommodated as well. We can supply boats in a variety of configurations from bare-fiberglass-only hulls or pieces for the "do-it-yourselfers", to full-blown race-ready platforms. Please contact us to discuss how we can put a boat together for you.

Vectorworks Marine Inc.
805 Marina Rd
Titusville, FL 32796
+01 321 269 8444 x-205
e-mail: info@vectorworkssail.com