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## Falcon F16 Price list

**Model Year      2009**



### *Falcon F16*

The newest purposely designed F16 hits the water. Utilizing the latest trends in performance catamaran design and building on our experience in high end composites and performance boat building, Falcon Marine is proud to introduce the latest benchmark in the High Tech Formula 16 catamaran class.

The F16 is the ultimate in performance versatility. State of the art manufacturing techniques combined with hands on experience with these agile boats has produced a light weight and highly powered yet easy to use catamaran. The F16 continually proves itself on the race course by being able to compete directly with many of the bigger, heavier racing catamaran classes. On the water the light weight and power in this boat makes it a dream to sail. Performance and speed is provided without huge sheet loads so top end racing is not limited to big strong crews. Racing and sailing for fun, or at the front of the pack with mixed teams, and youth is all part of the F16 experience. Ease of handing the platform on land is only an added bonus and something that is likely to make you get out on the water more often. For those days you wish to sail solo, or have difficulty in finding crew, the F16 can be sailed or raced in either configuration. Uni rigged with spin for 1-up sailing, or sloop rigged with spin for crewed sailing, the Falcon F16 does equally well.

The Falcon is a huge step up in technology for the F16 class. Building on the lessons learned from previous boats, the Falcon hull has been redesigned to optimize the F16 box rule. The hulls were designed to not only maximize the volume but place it properly to provide for the smoothest and easiest to drive ride. There is an increase in hull volume and freeboard to provide for more versatility in carrying varied or additional crew weights. While they can be raced competitively with smaller crews, the volume and power in the Falcon means bigger teams can be as equally competitive. Extensive development was done testing varying volume distributions to provide the most stable and easy to drive platform. The side and bottom shapes provide a distinct component of dynamic lift, steadying the ride quality and providing for the ability to drive it harder off the wind than any other existing F16 design.

The Falcon package contains not only the latest in hull development but the latest in sail and rig design. Working with us to optimize the F16 package is Glaser Sails, makers of world champion performance sails for classes like the A class, 505 and International 14. On the Falcon we use the most durable performance materials and a rig layout refined by the Falcon team for ease of use. A wing section mast, big head main and fully battened blade jib sail provide power and tunability to an extremely wide range of wind conditions while being easy on the crew with a self tacking jib set up and mid pole snuffer system.

Falcon Marine has taken the build of the Falcon F16 boats to a new level. The Falcon is made using the latest materials and processes from the aircraft and military industries. We have refined our pre-forming core and hull joint process and developed a proprietary modified infusion process to manufacture the hulls. 2 years of focused R&D have gone into the laminate design. Using a 30% thicker core and no less than 5 different fiber types and weave styles allow us to build the incredibly stiff and yet light weight hulls found on the Falcon.

Top of the line cordage, hardware and factory support round out the Falcon F16 package. Built in the USA in our own factory, the Falcon F16 is the leader in its class.

#### PRICING:

BASE BOAT COMPLETE F16 RIG	\$ 16,000
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#### OPTIONS:

Kevlar Hulls, (Outer lamainte)	\$ 450
Finished decks with integral non skid	\$ 500

Colored Hulls	\$ 300/500*
Swaged standing rigging	\$ 140
Sta-master shroud adjusters	\$ 50
Additional Spin Colors	\$ 75 ea
Carbon Mast	\$ 3,800
Trailer (Galvanized steel w/ 12" tires, forward cradles, Rear double rollers, mast caddy and tie downs)	\$ 1,400
Cat trax w/ cradles	\$ 489
Composite cradles w/ carpet surface	\$ 55 ea or 200 for set of 4
Yard Cover (Top gun)	\$ 650
Pricing F.O.B Factory, Cape Canaveral, FL	
Taxes and duty not included	
Shipping available world wide	
Packaging for shipping (Consolidated or LTL boxing)	\$ 500
Container load (per boat)	\$ 100
Actual freight charges Pre pay and add at cost depending on destination	

## STANDARD FEATURES

- Infused foam cored hull with fiberglass reinforced vinylester laminate
- Proprietary formed coring system
- Molded and fitted beam pockets (all hulls factory cast pockets)
- Finished and faired keel with non skid deck surface
- Precision shapped foils
- High aspect carbon dagger boards
- Carbon rudders
- Carbon rudder stocks
- Quick release detachable rudder system
- V-line surf rudder lock down system
- Large diameter fitted aluminum alloy cross bars
- Capped beams
- Black mesh tramp w/ large storage pocket and Teflon thread for long life
- Wing section aluminum mast
- Adjustable spreaders
- Internal single point diamond wire tension adjustment
- 12:1 internal downhaul system
- Outboard led tramp mounted mast rotation system

- Self adjusting outhaul system
  - Smoke Pentex radial race cut sails
  - Fully battened jib
  - Floating Self tacking jib system
  - Quick attach spin pole with mid pole snuffer system
  - Split tack halyard spin run
  - Single color high aspect F16 spin standard
  - Carbo ratchet spin sheet controls
  - 8:1 Harken carbo main sheet system
  - All control systems supplied with ball bearing blocks
  - Premium lines and cordage
  - Built in the USA
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- Contact factory. Some gel coat colors may be in stock. If so, it is a \$300 add-on for non-white hulls. Virtually any color can be made. If a custom color is special ordered it is a \$500 option. Note: Dark colors are not recommended. Black or near black colors will not be warranted.