

GC56TRI

DESIGN BRIEF

The Gold Coast 56 Trimaran is the dream child and sixth vessel of veteran multihull ocean racer Joe Colpitt. Virgin Fire has proven capable of sailing one and a half times wind speed in most conditions with just her working sails. She climbs to windward at 80% of wind speed effortlessly and consistently 'cleans up' the fleet. She is set up for serious long-distance passage-making with the ability to knock off the miles with great safety and comfort. Her interior is simple, spacious, and functional with the structure to carry a 4,000 lbs payload. The design can be duplicated or modified to suit your needs.



SPECIFICATIONS

LOA	56'
BOA	36'
Draft	1' 5"
Light Displacement	14,000 lbs
Heavy Displacement	25,000 lbs
Passengers	10
Sail Area	1,530 sq. ft.
Bruce #	1.62

FEATURES

HULLS, DECKS AND SUPERSTRUCTURE

Construction

Hulls, decks, bridgedecks, roof, cabin sides, windshield and seats built of Corecell foam, glass and CPD epoxy resin using resin infusion and vacuum-bag processes. All primary structural components and amenities built using West System construction methods.

Interior Finish

- West System epoxy Products
- Painted semi-gloss Awlgrip, teak trim varnished
- Formica counter and table tops

Exterior Finish

- Awlgrip Polyurethane paint systems
- Single color topsides with cove and rail stripe
- Single color cockpit, cabin sides and mast
- Name and hailing port on aft beam

- 3 coats antifouling

DECK FITTINGS AND EQUIPMENT

Mooring cleats

- 2 - 12" Aluminum
- 4 - 8" Aluminum

Fairleads

- 2 - 6" Bow chocks
- 2 - Custom Anchor Rollers

Stanchions

- Custom aluminum bow pulpit with coated SS 1x19 wire for safety harness

Windows, Ports and Deck Hatches

- 1 - Lewmar Ocean 70
- 3 - Lewmar Ocean 60
- 1 - Lewmar Ocean 50

- 3 - Lewmar Ocean 10
- 2 - Beckson 4" x 14"
- Lexan windscreen and cabin window

CONTROLS

- Main, jib and spinnaker halyards on mast
- Main sheets, jib sheets, and mast rotation route to cockpit winches through organizers to stoppers.
- 5 part mainsheet with Lewmar Racing traveler system
- Jib sheet traveler system with swept track.
- Outhaul and slab reefing to winch on boom daggerboard controls, vang & spinnaker sheets and guys route to port and starboard cockpit winches through organizers and stoppers
- 2-part rig tensioners P & S. Multiple pad eyes.

Winches

- 3 - Lewmar 50 CST
- 2 - Lewmar 48 CST
- 1 - Lewmar 44 CST
- 2 - Lewmar 40 CST
- 2 - 10" Double lock in handle
- 1 - 10" Single lock in handle

Running Rigging Hardware

Lewmar Series 2, 3 and 4 blocks and some Racing series sheaves; numerous organizers & stoppers

STEERING

Edson system with 44" SS wheel using chain/sprocket steerer via wire to Edson rudder shaft quadrants

SPARS

- 72' Gold Coast rotating wing spar 3/4 rig with integral spreaders and rotators
- Harken mast track for system C cars
- Custom Teflon/stainless steel mast rotation cup and ball base
- Metalmast boom with outhaul car, tack hooks and three reef sheaves
- Custom reacher pole

RIGGING

- Standing: All standing rigging is Norseman using Dyform SS wire terminating with Norseman fittings, turnbuckles and toggles to SS chainplates
- Running: All running rigging is Samson with ultra-tech halyards, xls sheets and sta-set controls

SAILS

Full batten, max roached, loose-footed Technora main with three reefs and sailcover, Technora jib and cover, reacher in sock.

GROUND AND MOORING TACKLE

- 1 - Danforth 35 w/ 30' 3/8" chain & and 200' anchor rode
- 1 - FX 55, w/ 30' 3/8" chain 200' 5/8" rode and anchor rode
- 2 - Bow rollerds
- 4 - 50' 5/8" dock lines
- 4 - F4 10 x 26 Fenders

ELECTRICAL

- 1 - Sony Cassette Stereo with 6 speakers
- 1 - Standard Horizon Eclipse VHF with masthead antenna
- 1 - 4" Compass
- 1 - Lightning rod and dynaplate
- 1 - Paneltronics 12V electrical panel with voltmeter and amp gauge
- 1 - Battery selector switch
- 2 -12V Seagel batteries series
- 1 - Port and starboard bow light, sternlight, steaming, and anchor lights
- 6 - Interior light fixtures
- 3 - Reading lights
- 2 - Spreader lights
- 4 - Hella fans
- 1 - Chart table light
- 2 - 80W solar panels
- 1 - Trace controller
- 1 - Navico 5000 Autohelm

PROPANE STOVE SYSTEM

- 1 - LPG alarm
- 1 - 20 gal tank with regulator and valve
- 1 - Force 10 stove w/ broiler

PLUMBING

Piping

- All emergency piping is rigid PVC with provision to pump ama bows and sterns.
- All water supply hosing is flexible PVC
- 1 - Henderson MKV Emergency Bilge Pumps
- 1 - Rule shower sump

Water Systems

- 1 - 60 gal fresh water tanks with deck fill
- 1 - Galley double sink; w/ foot pumps
- 1 - Single sink

Heads

- 1 - Raritan PH II hand toilet with integral holding tank and Y-valve
- 1- Spronk direct overwing head

ENGINES

- 1 - 50 Honda outboard on custom sled with Teleflex cockpit steering and controls

SAFETY EQUIPMENT

- 2 - Between hull nets 3/8" halyard braid on 3" centers
- 6 - Adult molded Personal Flotation Devices
- 1 - Life ring bouy with overboard strobe
- 1 - Flare kit with USCG required flares
- 10 - Watertight Compartments
- 2 - 2.5 lbS ABC Fire extinguishers B2

ACCOMODATION

From forward aft: Collision bulkhead, Large sail locker with large hatch directly overhead. Double bunk with storage under and then hanging lockers P & S lead into wing fairings with stowage beyond. Duck under main beam to navigators bunk to port with shelves and head to starboard behind daggerboard trunk with storage outboard. Step up into main cabin area with 8' galley to port with shelves outboard. Comfortable U-shaped settee to starboard which converts to single or double berth with navigation station on forward edge of settee. Maximum storage under cabin sole on several levels includes built in water tanks. Large 5.5' x 11' cockpit with seat ledges

MANY OPTIONS AVAILABLE INCLUDING:

- USCG Certification
- Alternate engine systems
- Custom accommodation layout
- Various electrical, mechanical and plumbing equipment
- Colors and graphics