

GC43P

DESIGN BRIEF

The GC43P is fast and fuel efficient. The canoe stern displacement hull form and cabin with walk around layout can be developed for a variety of uses.



SPECIFICATIONS

Length	43'
Beam	18'
Displacement	9200 lbs
Passengers	30
Propulsion	2X 125 BHP Yanmar 4JH3
Top Speed	22 knots
Cruise Speed	18 knots
Fuel Capacity	150 gal.

FEATURES

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/EXTERIOR FINISH

Awlgrip Polyurethane paint over epoxy primer--commercial yacht finish

Paint and Graphics

- Matterhorn White topsides and cabin
- Choice of colors for cabin and bootstripe
- 3" Name and hailing port on aft beam
- 2 - Coats bottom paint (3 on waterline)
- 8" Name on port and starboard topsides

MACHINERY

2-Yanmar 4JH3 - 4 cylinder marine diesels, set for 125 hp with 2.63:1 Yanmar KM4 marine gear. Morse controls and cables, Mastry instrument panel, with RPM, oil pressure, water temp, and engine hour meters, safety alarm, 55 amp alternator, 100 gal aluminum fuel tanks, Vernalift wet exhaust, Yanmar flexible engine mounts, GRW Drivesavers. 1.375" SS shaft, 21" 3 blade bronze prop, 2-Optima (1000 CCA) starting batteries, engine room lights, 12V electric bilge pumps, engine access hatch with gutter

STEERING

24" Edson Destroyer wheel, Seastar hydraulic system to Edson tiller arm. Series hydraulic system with bypass valves for rudder adjustment.

HARDWARE

Cleats

- 2 - 12" Stainless
- 4 - 10" Stainless

Handrails

- 2 - 1.25" aluminum security rail port & starboard
- 4 - 24" SS handrails

Deck Hatches

- 6 – Bomar aluminum flush deck hatches
- 2 - Engine access replacement hatches

Windows

- 5 - American Marine aluminum. 3 fixed. 2 sliding

Other

- 1 – swim ladder
- 2 - Vetus Air Intakes

GROUND AND MOORING TACKLE

- 2 - 22lb Danforth, 15' 5/16" chain and 150' of 5/8"
- rode
- 4 - 50 1/2" dock lines
- 4 - Scanmarin fenders F4
- Full length rigid vinyl rubrail

ELECTRICAL

- 1 – Clarion XMD stereo with AM/FM/CD Controller.,4 Bose Speakers
- 1 – Standard Horizon VHF w/ SWR meter, antenna
- 1 – 4 1/2" Danforth Constellation Compass
- 1 - Raymarine Knot, Depth
- 1 – Raymarine Radar, Raychart and GPS w/7" C80 Display. 2KW Radar dome
- 1 - Lightning rod dissipater
- 3 – Dynaplate ground plates
- 1 - Paneltronics 12VDC electrical panel
- 1-Port and starboard bow light, sternlight, steaming and anchor lights
- 7 – 12V Interior light fixtures
- 4 – 12V S.S. Dome lights for salon
- 1 - 110V outlets
- 1 - 12V receptacle
- 2 – Hella fans in engine room
- 1 – windshield wiper

PLUMBING

Piping

- All emergency piping is rigid PVC
- Water supply hosing is rigid PVC and reinforced vinyl
- hose
- 1 - Henderson MKV Emergency Bilge Pump

Water Systems

- 1 - 32 gal. bladder water tank
- 1 – Sur flow pressure pump
- 1 - Sink with pressure cold water
- 1 - Raritan PHII hand toilet with
- Marelon thruhull and seacock and 32 gal holding tank

SAFETY EQUIPMENT

- 37 - Adult molded Personal Flotation Devices
- 4 - Child molded Personal Flotation Devices
- 1 - Life ring bouy
- 1 - Flare kit with USCG required flares
- 2 - 10 lb. B2 Fire extinguisher

ACCOMMODATIONS

- 2 cushioned interior seating areas.
- 1 exterior cushioned seating area
- 1 - service bar with integral ice
- Walk around cabin on bridgedeck
- 1 – helmsman seat
- Miscellaneous teak trim. Bar and table tops epoxy/varnish finish.

MISCELLANEOUS

Buckets, sponges, scrub brush, oil and garbage discharge placques, toilet paper holders. dry deck flooring in head compartment

USCG CERTIFICATION

USCG plans approval, documentation, temporary USCG Certification [34 passengers, 2 crew 20 mile near shore route]. Stability letter. Consultation with your local OCMI to expedite final certificate. FCC Station Inspection and Safety Certificate. All construction and equipment as required.