

SUNCAT 57 NEW MODEL SNORKEL BOAT 49 PASSENGERS

DESIGN BRIEF

Proof of concept... A "green" machine...

Fuel efficiency and guest fun are what make the SUNCAT series successful. The SUNCAT 57 is a highly efficient displacement catamaran that can be used for a variety of applications. She can cruise at 20 knots with a full load of passengers and consumes less than a half-gallon a mile at 27 knots.

SPECIFICATIONS

LOA	57'
BOA	22' 8"
Draft	2'
Light Displacement	14,000 lbs
Heavy Displacement	26,000 lbs
Passengers	49
Engines	2 X 200 bhp Yanmar 4LH4
Fuel Capacity	200 gal
Cruise Speed	20 knots
Full Speed	26 knots

FEATURES

HULLS AND DECKS

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.

Exterior Finish:

- Awlgrip Polyurethane paint over epoxy primer--commercial yacht finish

Interior Finish:

- Awlgrip semi-gloss in cabin and bow interior areas.
- Light grey pigmented epoxy in engine and rudder room.

Paint & Graphics:

- Snow White hulls, salon, mast, boom
- Stripe colors determined by purchaser
- 2 - Coats of bottom paint (3 coats at waterline)
- Hull markings as per USCG minimum requirements. PURCHASER to supply logo vinyl graphics.

DECK FITTINGS AND EQUIPMENT

Cleats:

- 6 - 12" Stainless

Fairleads:

- 2 - 7 3/4" Bow chocks

Lifelines:

- Hull sheer with 1" aluminum port, starboard and stern

Deck Hatches:

- 2 - Lewmar Size 70 hatches
- 2 - Lewmar Size 50 hatches
- 2 - Custom engine hatches

Windows and Doors:

- 2 - Beckson opening ports
- 2 - Teak Isle Head doors
- 1 - Fixed 3/8" laminated glass window
- 2 - Fixed 3/8" Acrylic windows

Steering:

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

GROUND AND MOORING TACKLE

- 1 - 44# Lewmar Claw, 15'-3/8" chain and 200'-3/4" rode
- 1 - 44# Danforth, 15'-3/8" chain and 200'-3/4" rode
- 4 - 50'-3/4" dock lines
- 4 - Scanmarin fenders

ELECTRICAL

- 1 - Clarion XMD stereo with AM/FM/CD Controller with remote control. XM665 CD changer. 4 Bose Speakers
- 1 - Standard Horizon VHF
- 1 - 4 1/2" Danforth Constellation Compass
- 1 - Lightning rod dissipater
- 3 - Dynaplate ground plates
- 1 - Paneltronics DC electrical panel
- 1 - Roof antennae
- 1 - Port and starboard bow light, sternlight, steaming and anchor lights
- 6 - 12V Interior light fixtures
- 4 - 12V S.S. Dome lights for salon
- 1 - 12V receptacle
- 2 - Hella fans in engine room

PLUMBING

(Piping):

- Water supply hosing is rigid PVC, nylon and reinforced vinyl. PVC and Quest fittings.
- 1 - Henderson MKV emergency manual bilge pump
- 2 - Rule 1100 bilge pumps

Water Systems:

- 2 – 55 gal. water tanks w/ Shurflo pressure pump and deck fill.
- 3 - sink spigots
- Hose bib in each stern

Heads:

- 2 – jabsco Manual toilets, w/ Marelon thruhulls and seacocks.

ENGINE

2 - Yanmar 4LH4, 200hp 4 cylinder marine diesels. Morse controls and cables, yanmar instrument panel, with RPM, oil pressure, water temp, and engine hour meters, safety alarm, 55 amp alternator, (2) 100 gal aluminum fuel tanks, Vernalift wet exhaust, Yanmar flexible engine mounts, GRW Drivesavers , PYI shaft seal, 1.750" SS shaft, 24" x 24" 4 Blade Dynaquad bronze prop, 2-Optima (1000 CCA) starting batteries, engine room lights, 12V electric bilge pumps, engine access hatch with gutter

OTHER SAFETY FEATURES

- Stern swim ladder (s)
- Multiple watertight bulkheads and subfloor compartments

ACCOMMODATIONS

- Two head compartments w/locking doors and sinks
- Capt seat, storage locker
- Bar with icebox, storage cabinet and sink
- Hard protective roof
- Single level walk around deck.
- Forward seating

USCG CERTIFICATION -Optional

- USCG plans approval, documentation, temporary USCG Certification [49 passengers, 3 crew (x2) Coastal 20 mile near shore route]. Stability letter. Consultation with your local OCMI to expedite final certificate. FCC Station Inspection and Safety Certificate.
- All required construction and safety equipment .