



Southern Cross

46' (14.02m) 2004 Hylas 46
Fort Lauderdale Florida United States



OVERVIEW

Manufacturer: *Hylas*

Engines:

Engine Model:

Engine HP:

Beam: 13' 9"

Max Draft: "

Water: 135 G (511.03 L)

Hull Material: Fiberglass

Cruise Speed:

Max Speed:

Cabins/Heads:/

Fuel Type: Diesel

Fuel: 169 G (639.73 L)

\$425,000



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Data Sheet

Category: Center Cockpit

Condition: Used

Model Year: 2004

Beam: 13'9" (4.19m)

LOA: 46' (14.02m)

Fuel Type: Diesel

Hull Material: Fiberglass

Displacement: 27777 Fuel Tank: 169 gal
(639.73 liters)

Fresh Water: 135 gal (511.03 liters)

Holding Tank: 54 gal (204.41 liters)

Engines/Generators

Summary/Description

A bluewater veteran, Southern Cross is coming onto the market because the owners have completed their cruise.

Southern Cross is specially outfitted for offshore passagemaking. Her original owner added a substantial hard dodger and bimini, which not only provide safety in big seas, but also add comfort to longer stints in the cockpit. Additionally, the solar and wind generating capacity has virtually eliminated the need to run the engine or genset to charge the batteries - a great asset on long passages that also extends motoring range.

One feature that truly sets her apart is her upgraded sail plan. With the addition of the retractable bowsprit, we can assert that she is likely the fastest passagemaking Hylas 46 ever. With 3 furling headsails, 2 telescoping whisker poles, a storm staysail, and 3 reefs in the main, Southern Cross can sail effectively in a wide variety of conditions. All the sails are easily managed by a couple, mostly without leaving the safety and protection of the cockpit. A one-of-a-kind Hylas 46:

- Custom Hard Dodger and Hard Bimini
- Custom S/S sleeve with 7.5 foot bowsprit with Code 0 sail
- New Fischer Panda 8000i Generator (under 200 hours)
- (2022) New Mainsail
- (2022) New standing rigging
- 540 amp/hrs of lithium batteries with BMS system

Overview

Accommodations

"Southern Cross" boasts two staterooms and two heads. The master stateroom is aft with a centerline queen, ample storage and an en-suite head and stall shower to port. The guest stateroom is forward with a double berth offset to port and a head and shower forward of the stateroom, ensuite. There is also a tremendous amount of storage in this area, including all of the space under the berth.

The salon is midships, with a U-shaped settee and table to port and a straight settee to starboard. The table has a fold-out leaf, and there is a sliding loveseat midships for additional seating. (It moves to allow full access to the bilges.) There is copious storage under all settees as well as inside of the many cabinets.

The walkthrough galley is aft and starboard from the salon, leading to the master stateroom. Opposite, aft and port of the salon, is the nav station with an additional walkthrough into the aft head and master stateroom.

- All interior teak surfaces are hand rubbed with a satin finish
- Cedar-lined hanging lockers
- Solid teak handrails both overhead and lower for safety
- Cabin sole floorboards all lock down for offshore safety
- All berths fitted with lee cloths
- All interior cushions fitted with removable hold-down straps
- All interior bookcases fitted with removable containment netting for offshore safety
- Thermal insulation installed behind interior liner panels on hull and deck house
- Victron GoFree Wifi connectivity
- Taylor Made high efficiency 12vdc fluorescent lighting fixtures
- Mermaid Marine 16,000 BTU air conditioning servicing salon and aft cabin
- Dickinson 9000 BTU propane fireplace cabin heater

- Fusion sound system with AM/FM stereo radio, MP3, 10 CD changer
- 4 interior speakers
- Samsung smart TV with HDMI cables for computers
- HP inkjet printer/copier/scanner with Wifi connectivity to phones and computers

Galley Specifics:

- 2 top and side loading refrigeration and freezer boxes, approximately 10 cu.ft. in total
- 3 burner Force 10 propane stove and oven
- Deep stainless steel sinks
- Frigoboat refrigeration and freezer
- Salt and pepper grey corian countertops
- Pots, pans, and dishes included

Sails and Rigging

"Southern Cross" has a standard Hylas 46 cutter rig with one very special feature: a stainless steel sleeve and a 7.5' aluminum bowsprit was custom made for the bow to facilitate a Facnor Code 0 sail and furler. The windlass electrically drives the furling line remotely from the cockpit, using the rope clutch mounted on the electric windlass. Essentially it becomes a cockpit-controlled electric furler for the large Code 0 sail - easily manageable by a couple. This setup provides a safe and powerful downwind/tradewind arrangement for passagemaking. All light air performance is vastly improved as well.

Before the building process, the original owners had the rig design modified slightly to accommodate a larger heavy-weather staysail. The chainplate and tack was moved about 3 feet forward and the mast attachment place was moved accordingly upward. This change created a large enough staysail area to fit an effective storm staysail, which the owners deploy in 25 - 35 knot winds, bringing the sail power toward the center of the boat and creating a more seakindly ride. After thousands and thousands of sea miles, this small change has proven to make a big difference.

Rig Details:

- Selden Aluminum double spreader mast, stepped to the keel
- Selden Aluminum boom with 3 internal single-line reefing lines led to the cockpit
- (2022) New Standing Rigging
- Selden aluminum Rodkicker boom vang
- Antal System 5 mainsail track with low-friction slides and batten cars
- 2 Selden 20' whisker pole tracks with cars mounted on mast
- 6 Lewmar line clutches servicing electric cockpit winch for main halyard, 3 reefing lines and 2 furling lines
- Furlex 400 furling for headstay
- Furless 300 furling for staysail
- Running backstays for use with staysail, with 4:1 line block system to safely deploy and retract backstays from cockpit
- 4 Garhauer movable snatch blocks for managing headsail trim
- Garhauer adjustable staysail blocks mounted on genoa track
- 2 custom Forespar carbon fiber telescoping (from 18' to 29') whisker poles vertically stowed on mast
- Masthead LED Tricolor and Anchor Light

Sails and Winches Details:

- (2022) Zoom Fully-Battened Mainsail, 10.5 ounce Dacron with 5 full battens and 3 reefs

- (2023) North Sails Stack Pack with Sunbrella sail cover
- (2023) Lazy jacks
- Doyle 135% Genoa, 6 ounce Dacron with Sunbrella cover
- Doyle Working Staysail, 10 ounce Dacron with Sunbrella cover
- Doyle Storm Staysail, 10 ounce Dacron, hank on
- Doyle 2 ounce Dacron radial cut 165 Code 0 sail with sunscreen cover
- 3 Lewmar chrome ST 48 mast winches
- 2 Antal chrome ST64 primary winches with covers
- 3 Antal chrome ST48 secondary winches with covers
- 1 Antal chrome ST48 cockpit winch, servicing main halyard, reefing lines, and both furling lines

Electrical System

"Southern Cross" is equipped with a 120vac/12vdc arrangement. However, since she is equipped for worldwide cruising, she has the capability to employ both 120v and 240vac systems.

DC:

- (2022) EVE280 Grade A 12v lithium batteries. 540 AH
- (2022) Smart Gen Battery Management System (BMS) with bluetooth iPhone monitoring
- (2023) Victron BMS output Color Connect GX monitor
- (2021) AGM batteries for starting and anchor windlass
- TriMetric volt monitor for AGM batteries
- 1 Balmar Series 6 12v 100 amp alternator with Balmar Maxcharge 618 smart regulator for lithium batteries
- 1 Balmar Series 7 12v 110 amp alternator with Balmar Maxcharge 618 smart regulator for AGM batteries
- Spare Balmar Series 7 alternator
- Spare Balmar Maxcharge 618 smart regulator
- Southwest Windpower Airmarine 400W 12v wind generator mounted on S/S pole
- 2 removable Mitsubishi 170W 12vdc solar panels mounted on bimini top w/ 500W BZ solar charge controller
- 2 removable 250W 12vdc solar panels mounted on bimini top with MPPT controllers

AC:

- (2023) Fischer Panda 8000i 220v generator. Provides 110vac throughout boat via transformer
- Victron Multiplex 120v charger/inverter
- 220v to 110v Victron transformer used to connect to 220v shore power worldwide
- 50 am 110/220 vac shore power input with 50 ft cord protected by an 50 amp galvanic isolator

Electronics and Navigation

"Southern Cross" is fully equipped for offshore cruising:

- Standard Horizon VHF radio with RAM cockpit microphone/speaker
- 3 portable VHF radios
- Raymarine ST60 Depth, Speed, and AWI
- B&G forward-looking sonar/depthsounder
- B&G Broadband 48nm radar 2 with self-leveling mount
- ICOM 802 SSB marine radio with AT140 antenna tuner
- Iridium Go! Satellite Phone with internal antenna and remote antenna in cockpit
- Tecnautic Autopilot with hydraulic ram at quadrant
- Backup Raymarine 2000 tiller autopilot linked to Sailomat 601 self-steering gear and emergency tiller
- Removable Sailomat 601 wind vane self-steering gear mounted on stern and coupled directly to the emergency

tiller

- Masthead Sea-Me active radar reflector - greatly amplifies boat radar signature
- AIS receiver and transmitter collision avoidance system

Hull and Deck

"Southern Cross" has a feature that all bluewater sailors will appreciate: a hard dodger and bimini. Both are constructed of stainless steel and fiberglass. The dodger has 1/2" thick Lexan panels, a 24" opening hatch, a fiberglass top with handholds, and a sun cover. The bimini also has a fiberglass top with handholds, plus full-enclosure eisenglass panels and full-enclosure bug screen enclosure panels.

Anchoring:

- Robust stainless steel bow rollers for easy storage and deployment of 2 bow anchors
- Stainless steel bow plate for securing anchor bridle and bowsprit bobstay to hull
- Maxwell 2200 12vdc windlass (new motor 2018) with both bow and cockpit controls
- Fresh and Salt water anchor chain washdown pumps
- Removable stainless steel anchor roller to safely deploy and retrieve stern anchor
- 2 stainless steel roller fairleads for stern anchor rode
- 66 lb. Bruce primary anchor with 300' 10mm chain (chain new 2022)
- Fortress FX55 secondary bow anchor with 60' 3/8" chain and 250' of 3/4" nylon rope rode
- Fortress stern anchor
- 100' 3/4" extra nylon rode on stern roller

Deck Details:

- Grey molded non-skid fiberglass decks (no teak decks)
- 4 stainless steel handrails on deckhouse (no teak on deck)
- 14 stainless steel mooring cleats (6 extra from standard)
- Aluminum toerail (no teak caprail)
- Stainless steel and teak boarding ladder, moveable and mounts either port or starboard, midships
- Garhauer stainless steel outboard engine hoist mounter on sternrail
- 2 stern fold-down pushpit seats
- 65 cubic foot bow sail locker
- 2 large stern lazarettes
- Locker in swim step with generous storage
- 6 stainless steel Manship deck hatches with bug screens and sunbrella covers
- 11 stainless steel Manship opening ports with s/s screens
- 4 stainless steel Manship fixed ports
- 4 stainless steel removable dorade vents with s/s guards
- Beige sunbrella awnings for both the foredeck and aft deck
- Cockpit cushions
- 2 cockpit speakers
- Assorted fenders
- Assorted docklines

Hull Details:

- Copper Coat epoxy bottom paint
- Hookah setup to allow entire bottom to be cleaned, good to 15 feet
- Teak rubrail with stainless steel striker full hull length

Dinghy:

- 2017 Ultra mar 11AL aluminum bottomed RIB, 11', in reasonable condition with chaps
- Suzuki 15 hp fuel injected four stroke outboard
- Yamaha 3 hp 2 stroke outboard
- Customized improved rowing system
- Small dinghy anchor with chain

Safety Equipment

- Zodiac Liferaft 6 person, automatic releasing, needs recertification
- (2022) Ocean Signal EPIRB1 Pro, automatic release
- MOM-8A auto-inflatable MOB lifering with hard canister, serviced 2022
- Lifesling MOB rescue sling with hard case
- 2 large USCG orange liferings
- (2023) 2 USCG approved inflatable life vests with harnesses and tether lines
- Deck-mounted, vinyl covered, 5/16" stainless steel jack lines, bow to stern, port and starboard
- Complete offshore emergency signal kit complete with parachute flares and smoke bombs
- Complete offshore medical kit with basic surgical instruments

Mechanical

Main engine is a Yanmar 41113TE, 75 hp, 4 cylinder turbo diesel engine. 7700 original hours and cared for properly:

- Dual Racor 500 fuel filtration system enables rapid bypass of clogged filter
- Walborough in-line fuel pump with manifold system enables fuel transfer and fuel polishing between the 4 tanks
- Preluber engine oil pump pressurizes internal oil passages prior to starting engine + changes crankcase oil
- Annual maintenance by certified Yanmar mechanics
- Extensive spare parts included: starter, alternator, turbocharger, intercooler, fuel pump, Racor 500 housing, impellers, fuel filters, oil filters, O rings, etc.

Extensive professional grade mechanic's tools, as well as separate "often-used" tool bag

Excellent Milwaukee portable 2 speed fuel vacuum cleaner

110vac Dremel kit with a full assortment of attachments

Full electrical kit with Volt/Ohm/Amp meter, including clamp ammeter

Emergency Tiller

Removable above-deck emergency steering control lines linking steering helm wheel to emergency tiller

Plumbing and Tankage

- 1 stainless steel fresh water tank (135 gallons)
- 4 stainless steel fuel tanks (169 gallons total)
- 12v Katadyne 160E watermaker (140 gallons per day)
- Salt water and fresh water foot pumps at galley sink
- Pressure hot and cold freshwater to galley, heads, and swim step with dual in-line pumps
- Hot water heater 12v and through engine heat exchanger
- 2 fiberglass holding tanks (forward 54 gallons, aft 30 gallons)

Disclaimer

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