

# SOUTHERLY 480

WITHOUT LIMITS



THE  
BRITISH  
YACHTING  
AWARDS  
WINNER



# SAVING SOUTHERLY

In a stunning turn of events, the storied UK-based yacht building company, Southerly Yachts, finds itself on the brink of revival after being saved by the international marine contractors and boatbuilding experts, Concept Yachts. With a rich history and legacy in the Southampton region, Southerly Yachts faced an uncertain future due to various challenges in the maritime industry. However, the timely intervention of Concept Yachts has injected a much-needed lifeline into the company.

Established in the early 1970s, Southerly Yachts quickly gained recognition for its innovative and high-quality sail yachts. Known for their lifting keel technology, the company's vessels became synonymous with exceptional sailing performance and versatility. Over the years, Southerly Yachts earned a devoted customer base, with yacht enthusiasts from around the world eagerly seeking their designs.

However, as the maritime landscape evolved, the company faced mounting challenges, including financial difficulties, increased competition, and shifting market demands. Despite its longstanding reputation, Southerly Yachts found itself struggling to keep pace with rapidly changing industry trends.

Concept Yachts, an internationally renowned marine contractor and boatbuilding company, recognised the immense potential in the struggling Southerly Yachts. Concept Yachts has built a reputation for excellence in constructing bespoke luxury yachts, naval vessels, and commercial boats.

The acquisition of Southerly Yachts by Concept Yachts has been celebrated as a strategic masterstroke. This collaboration brings together the rich heritage of Southerly Yachts with the modern expertise of Concept Yachts, promising to usher in an era of innovation and growth for the Southampton-based firm. As Concept Yachts takes the helm, they are committed to retaining the soul of Southerly Yachts and preserving the brand's legacy while infusing it with new energy and contemporary design elements. By blending the traditional craftsmanship and design finesse of Southerly Yachts with Concept Yachts' state-of-the-art manufacturing techniques and cutting-edge materials, the revived entity aims to set new benchmarks in yacht building.

The first joint project, a revolutionary sailboat design, receiving widespread acclaim from industry experts and enthusiasts alike. This striking vessel combines the trademark lifting keel technology of Southerly Yachts with Concept Yachts' penchant for sleek aesthetics and advanced engineering, creating a yacht that promises exceptional performance, comfort, and versatility.

The acquisition of Southerly Yachts by Concept Yachts marks a pivotal moment in the history of UK yacht building. The marriage of tradition and modernity holds great promise for the future of the Southampton-based company, ensuring that its legacy endures for generations to come. As the revamped Southerly Yachts sets sail towards new horizons, it does so with the unwavering support of a global partner that shares its passion for excellence in yacht building.



## DEEP DRAFT PERFORMANCE WITHOUT COMPROMISE

A key benefit of the variable draft keel is not only shallow draft opportunities but also enhanced performance from a deep high aspect ratio keel when fully lowered.

In practise, the boat is stiffer as a result of the improved righting moment, therefore carrying her sail better than other yachts and carving her way efficiently to windward in a seaway. The keel's aerofoil shaped cross section, with weight concentrated at the

tip, is optimised for sailing to windward, allowing you to point as high as 30° apparent with minimal leeway.

The variable keel geometry allows the keel to be set at any position between fully raised and lowered, enabling the keel to be set and optimised according to your point of sail.

An example of this is having the keel fully raised when sailing downwind.



## EXPLORING WHERE OTHERS CAN'T

Southerly's trade mark variable draft keel enables the draft to be reduced to as little as 0.84m (3 feet). The opportunities are endless for accessing and exploring remote anchorages, harbours and inland waterways worldwide, without the draft restrictions imposed on other yachts.

Shallow draft capabilities can save precious time when entering or leaving locked marinas or even crossing a shallow bar in some harbour entrances. When approaching shallow waters, the keel can simply be raised to avoid grounding, and killing time for a safe height of tide.





Various interior layouts available  
Diagrams are for illustrative purposes only.



## SPECIFICATIONS

### DESIGN DIMENSIONS

Overall Length	14.83m	48'7"
Length Waterline (Heeled)	13.05m	42'8"
Beam	4.46m	14'6"
Draft Keel Up	1.00m	3'3"
Draft Keel Down	3.12m	10'2"
Displacement	17,256kg	38,043lbs
Ballast Weight	3,990kg	8,796lbs
Keel Weight	2,130kg	4,696lbs
Total Ballast	6,120kg	13,492lbs
Air Draft	21.83m	71'6"

### SAIL AREAS

Main	57.5m <sup>2</sup>	618ft <sup>2</sup>
Self-tacking jib	45.6m <sup>2</sup>	491ft <sup>2</sup>
Furling genoa 140%	72.5m <sup>2</sup>	780ft <sup>2</sup>

### MECHANICAL

Engine	Yanmar 80hp	
Fuel	664 litres	175 US Gals
Water	403 litres	106 US Gals

## YACHT HIGHLIGHTS

- Outstanding performance pointing to 30°
- Variable draft swing keel | 3.12m - 1.00m | 10'3" - 3'3"
- Solent Rig (twin headstays)
- Self tacking jib
- Furling headsails

- In-mast furling mainsail
- Raised saloon
- Central skeg to protect propeller
- Semi-balanced twin rudders
- Optional fold down bathing platform

# STANDARD OPTIONS

## HULL

Heavy duty GRP moulding, hand laid up to Southerly's precise laminating system incorporating multi-axial and unidirectional reinforcements. Thickness increases progressively towards the keel area. The keel box is an integral part of the hull lay-up and sandwich construction stiffening runs the entire length of the hull topsides. All main bulkheads are bonded into the hull at main lay-upstage. 1 year manufacturers warranty - 5 year hull guarantee against osmosis

Standard colour, White

Caveta Line gelcoat, option

Boot top gelcoat. Single or twin option.

Clear gelcoat under waterline with 2 coats of epoxy undercoat ready for clients specified antifouling option or replaced with copper coat option.

Substantial skeg fitted on centreline to protect propeller. Skeg can accommodate stern thruster (option)

The variable draft keel is a solid cast iron and lead aerofoil fin, pivoted in the grounding plate and raised by a hydraulic hoist which enables the keel to be set at intermediate points or fully retracted into the hull, at the touch of a button. The fixed ballast is an iron casting which acts as a grounding plate and as transverse and longitudinal stiffening member for the assembly. The fixed ballast casting is fitted into a recess in the hull and secured with multiple stainless steel bolts. All hydraulics are easily accessible for maintenance.

Keep control and position indicator panel located at helm station.

## DECK

Hand laid up GRP sandwich type construction using foam core stiffening, with plywood in high stress areas where fittings are positioned. Heavily stressed areas are additionally reinforced with unidirectional glass reinforcement. The deck is bonded to the hull through the entire length and to all main bulkheads resulting in a strong and integrated unit.

Standard colour, White

Southerly inspired true deck saloon

Teak laid to side decks and cockpit

Self draining cockpit

Deck shower with hot/cold water mounted on transom

Foredeck sail locker

## DECK EQUIPMENT

Cleats & fairleads (2 x fore, 2 x midships, 2 x aft)

Mainsheet forward of cockpit or on optional arch (arch recommended)

Stainless steel pulpit incorporating navigation light bracket with swing up teak

dolphin watching seats to port and starboard

Stainless steel stanchions and guardwires with gates port and starboard

Stainless steel pushpit incorporating stern gate, navigation light bracket and ensign socket with teak sundowner seats to port and starboard

Stern bathing ladder (bathing platform option available)

Ventilator fixed on deck x2

Toughen saloon windows and laminated hull ports are tinted toughened glass, bonded into recesses in GRP mouldings.

Fuel and water deck fillers with pump out for holding tank

Rope clutches on coachroof for running rigging

45EVO CHROME Lewmar winch at companionway

50EVO CHROME Lewmar winches at helm for mainsheet and jib x2

55EVO CHROME Lewmar genoa winches x2

Steering compass x2

Gas bottle storage in deck locker port side (1 x 6kg bottle supplied)

Lazarette locker aft of cockpit

Stainless steel grab handles on coachroof

## COCKPIT

Mid cockpit with twin helm

Cockpit table with folding leaves, stowage and hand rail

36" stainless steel wheel covered in hide x2

Sliding hatch, removable washboard, stowage

Winch handle pockets x2

Safety harness eyes x4

Instrument panel above companionway hatch and at wheel pedestal

## RIG

Anodised aluminium twin spreader mast (including spreaders lights up) and boom with in-mast reefing and solid sprung boom vang. Internal halyards. Twin forestays (solent rig) with manual furling gear. Stainless 1X19 wire rigging. 2 x Lewmar size 30ST EVO CHROME winches on mast. Slab reefing system with single line reefing (available as no-cost option). Double VPS system with tracks, cars, stowage system and 2 x XAS clutches (whisker pole not included).

Radar reflector fitted on the mast

Burgee and signal halyard

## SAILS

Vectron furling mainsail, short vertical battens. Vectron self-tacking furling jib.

Lightweight Vectron genoa. White UV protection on headsails. By Sanders Sails.

## ANCHORING

Stainless steel stemhead fitting with twin bow rollers

Lewmar V3 windlass

25kg Delta anchor, 60 metres of chain

## ENGINEERING EQUIPMENT

Yanmar 80Hp 4 cylinder, fresh water cooled, diesel (second alternator option)

Engine control single lever

Bronze water strainer with removable filter

Engine room fan

2 Non metallic fuel tanks, selector manifold and inline filter

Fuel, water and holding tank gauge for quick and easy reference

Fireport

80 amp alternator

Stern tube with water lubricated stern gland

Propeller (3 feathering blades)

Bow thruster with control at steering pedestal, dedicated battery and charger

Semi- balanced twin rudders and Lewmar mamba steering system with stainless steel propeller shaft

Emergency steering system

## ELECTRICAL

Tinned wiring throughout

C-zone (standard 12V, check upgrade); digital Control & Monitoring

Standard battery bank - Service 3 x 120 Ah gel = 360Ah @ 12v & Engine

start = 100 Ah gel @ 12v

240V Ring main: Includes 6 outlet sockets, ( saloon, galley & all cabins) earth leak circuit breaker and connection cable (with plug for shore connection 32A) and 1Kw immersion heater fitted calorifier

Isolating switches

Circuit breakers on main panel

LED cabin lighting throughout

Reading lights over bunks

Chart light over navigation table

Lighting to rail in hanging lockers

Red night lights throughout

LED nav lights (Tri-colour, white anchor light, stern light,

bow port and starboard lights)

Main switch panel

Shaver socket in each heads

## PLUMBING

Non-metallic fresh water tank

Pressurised hot and cold water system

1Kw immersion heater fitted calorifier 60lt with Thermostatic Mixing kit

Electric sump pumps to shower trays

Manual bilge pump

Aft & fwd heads holding tank. Toilet pumps to tank. Holding tank drains to sea with deck pump out

## DOMESTIC SYSTEMS

Front loading stainless steel refrigerator (130 litre), keel cooling option available

Top loading freezer air cooled, keel cooling option available

Fully gimballed gas cooker with three burners, grill and oven (fail-safe devices on all burners)

Gas shut off tap

## INTERIOR & UPHOLSTERY

Light Oak, alternative woods option

Amtico flooring throughout in a wide variety of colours, different textures/effects

Work surfaces corian in a wide variety of colours and textures/effects in galley and heads

Saloon seating - Leather in a wide variety of colours, alternative material option

Aft cabin seating - selection of standard fabrics

Cabin berths - selection of standard fabrics (other options available)

Headlining - cream to all cabins, white to heads (other options available)

Sidelining - macadamia

## GALLEY

Sink stainless steel with mixer tap x2

Stainless steel grab rail in front of cooker

Chopping board sink cover

## SALOON

Raised seating for eight to ten people providing panoramic views

Folding leaf table

## NAV AREA

Raised, forward facing chart table with 270 \*views

Chart stowage under hinged lid

## OWNER'S CABIN

Large berth with pocket sprung mattress - (6") in two parts

Upholstered seats port & starboard

Wardrobes large (x5 ON FWD OWNERS OPTION 2x hanging 3x shelves)

Vanity area on fwd owners option

## FORWARD CABIN

"V" Berth

Wardrobes x2 (hanging or shelves), lockers above berth x4, drawers in berth x4

## PULLMAN CABIN

Berth single x2

Hanging wardrobe x1, drawers x3, shelves x2

Aft en-suite heads

Marine toilet electric (salt & fresh water)

Washbasin with Corian surround covered and mirror

Separate shower, hanging rail and glass door

## FORWARD HEADS

Marine toilet electric (salt & fresh water)

Washbasin with Corian surround covered and mirror

Separate shower, hanging rail and glass door

## SAFETY PACK

Fire extinguishers

Fire blanket

Gas detector

Horseshoe lifebuoy: 1 x white with bracket & light

Jack stays: Port & starboard - webbing

Boat hook & ensign

Fenders & wraps

Safety ladder

# OPTIONS

## HULL

Hull colour, non standar	POA
Caveta (cove) line, any gelcoat colour	POA
Boot top gelcoat, narrow stripe, any colour	POA
Boot top gelcoat, wide stripe, any colour	POA
Copper coating Antifoul applied below waterline to hull and keel in lieu of standard antifoul	POA
Horizontal or vertical in hull portlight extra - 1 piece	POA
Bathing platform on transom, electric retracting	POA
Hull prep for SSB	POA

## DECK

Twin forward-facing opening saloon windows	POA
Extra cleats x2	POA
Foredeck teak area extra	POA
Teak laid deck to side decks and cockpit - different colour of caulking (grey or white)	POA
Fold down ladder inside gates port and starboard	POA
Removeable SS boarding ladder on transom (for use when platform is closed)	POA
Deck eyes, folding x2	POA
Davits: Stainless steel, manual only. Note: Dinghy not included	POA
Davits: Stainless steel, electric. Note: Dinghy not included	POA
Arch, carbon reinforced composite with integrated mainsheet system and cockpit downlights	POA
Helm seats backrests with removable bolsters cushions	POA
Anchor wash, connected to salt water pump	POA
Deck wash, outlet in cockpit, connected to fresh water pump	POA
Windlass control on steering pedestal with anchor chain counter	POA
Wired Hand-Held Chain Remote	POA
Custom Steamhead modification (if anchor changed from standard)	POA
Calibrated chain extra 20m	POA
Fortress kedge anchor & chain (5m), anchor warp (50m) & bracket or a padded storage bag	POA
Upgrade winches to electric (standard chrome), additional manual or electric winches where possible	POA
Permanent gas supply with bayonet fitting for pushpit mounted BBQ (BBQ not included)	POA

## RIGS & SAILS

Electric in-mast furling upgrade	POA
Electric furlers on both headsails in lieu of standard	POA
Hydraulic boom vang in lieu of standard rod kicker (vang)	POA
Whisker pole (Aluminium) mounted on mast - each	POA
Whisker pole carbon - each	POA
Lightning Master fitted at masthead, mast step connected to small ground plane to provide lightning path	POA
Cockpit down lighting - white light fitted in underside of boom (not required with arch option)	POA
Climbing steps x2 on the mast - in addition to standard x3	POA
External preventor (port and stbd), padeyes & lines	POA
Insulated backstay for SSB	POA
Upgrade Sail Pack Hydranet radial woven sailcloth by Sanders Sails: Fully battened Hydranet radial mast furling mainsail, Hydranet radial self tacking furling jib, Hydranet furling genoa in lieu of standard. UV protection on headsails white.	POA
Gennaker standard equipment as well as sheets, halyards, blocks & custom S/S attachments for Gennaker/Cruising Chute and stainless steel removable bowsprit (sail not included).	POA
Asymmetric cruising chute, Contender Maxilite, single colour and full radial design by Sanders sails (with launching bag)	POA
Asymmetric Snuffer (ATN Sleeve) by Sanders sails	POA
Full vertically battened Vectron mainsail in lieu of standard	POA
Glomex TV antenna at mainmast head (mandatory with TV option)	POA

## COVERS & CANOPIES

Built to owners individual specification. Can include sprayhood (dodger), bimini, cockpit enclosures, exterior cushions and equipment covers	POA
Saloon blinds external black, material Serge Ferrari Soltis 86	POA
Flyscreen blind for companionway entrance in Serge Ferrari Soltis 86 Meshl	POA

## NAVIGATION & COMMUNICATIONS

Fusion Apollo 770 Marine Entertainment System With Built-In WiFi for Apple AirPlay®, AM/FM, Bluetooth, USB, Glass Touchscreen Display, digital signal processing and connection to NMEA2000, USB & 3.5mm Aux Connector for mobile and iPod connectivity (please check compatibility), Pair of 6" Fusion speakers in saloon, Pair of 6" Fusion speakers in cockpit, Fusion remote control in cockpit	POA
Custom package of navigation/communication equipment supplied according to owner's individual specification. B&G or Raymarine instruments	POA
Transom pole for electronics (custom item designed with instruments equipment specification)	POA
TV packages supplied according to owner's individual specification for saloon and cabins. Can include sound wired through stereo system, LED Flat screen TV with built in Freeview and DVD player fitted to bulkhead (antenna & ring main required), cabins if possible, Additional Tuner/iPod interface including speakers per cabin. Glomex antenna to be chosen	POA

## ENGINEERING & ELECTRICAL

Power upgrade supplied according to owner's individual requirements. To include more gel cells for service, engine start, more sockets single & double, USB sockets, etc	POA
Upgrade domestics power supply from 12V to 24V	POA
Lithium-Ion batteries pack (two batteries)	POA
Lithium-Ion batteries pack (three batteries) - recommended for electric cooker	POA
Mastervolt package supplied according to owner's individual specification	POA
Flexible Solar panels to be fitted to coachroof or bimini	POA
USA Specification - 110V, 60 HZ (Eight sockets)	POA
Additional outlet (double socket)	POA
Inside charger for mobile devices wireless -	POA
USB socket inside -	POA
USB socket outside on garage	POA
12 volt socket (suitable for high load applications such as a dinghy inflator) fitted in cockpit	POA
Underwater hull lights (white) x2	POA
Lighting upgrade; spreader lights	POA
Lighting upgrade; LED cockpit ambient lighting	POA
Generator: 240v, 50Hz, 6KW	POA
Stern thruster, with control at steering pedestal	POA
Engine fly by wire system 4JH80 with VCS electronic throttle shift control	POA
Fan, foldaway electric (each).	POA
Lightweight Vectron genoa. White UV protection on headsails. By Sanders Sails.	POA

## PLUMBING & DOMESTIC SYSTEMS OPTIONS

Water tank in bow (Additional 200 ltrs approx.)	POA
Grey water holding tank installation with sensor and pump	POA
Bilge pump (manual) mounted below - second	POA
Seagull water filter	POA
Aquadrive for reduced engine vibration and noise	POA
Racor fuel filter	POA
Rope cutter on prop shaft	POA
Watermaker - 100 ltrs per hour, complete with auto and manual water rinsing. Flow meter, easy to operate control panel, engineered for long life.	POA
Heating with outlets in saloon, all cabins, heads & wet locker	POA
Air Conditioning in saloon and all cabins (standard layout)	POA
Keel cooling for fridge & freezer	POA
Microwave stainless steel 240 volt, 800 watts (for EU spec)	POA
Microwave stainless steel 120 volt 800 watts (for USA spec)	POA
Washing machine - 3kg	POA
Electric cooking option, Induction hob, a combi-oven gimbaled (please check additional requirements)	POA

## INTERIOR

Interior joinery built to owner's individual specification. Light Oak, Light Ash, Teak, Maple, Cherry and other wood	POA
Personalised marketry to doors & tables (crown cut, cross banding & inlay)	POA
Fiddle inlays - single, twin wood or corian in galley	POA
Forward cabin suite layout (Replacing Pullmans cabin)	POA
Strong box installed in any cabin	POA
Blinds package supplied to owner's individual specification. Can include blinds in saloon, cabins, heads.	POA
Upholstery package & headlining supplied to owners individual specification. Can include mattresses upgrades in each cabin, different types of upholstery materials and sidelining or headlining (standard headlining colour; cream in cabins, white in heads, standard sidelining macadamia).	POA
Lee cloth (standard size per berth, material Sunbrella Dune Brown). More options/sizes/colour available - Prices can vary	POA
Mirror - extra, where possible	POA

## MISCELLANEOUS

Name of boat including DSY design and fitting on transom (boom is not included)	POA
Liferaft: 4 man Ocean canister	POA
Liferaft: 6 man Ocean canister	POA
Liferaft: 8 man Ocean canister	POA
Universal liferaft cradle, fitted to pushpit	POA
Fender with sock - additional each	POA
Gas bottle - additional each	POA
Full set of mooring warps (Bow, stern & 2 x springs) - in addition to standard	POA
Horseshoe lifebuoy in addition to standard	POA
Engine spare kit	POA
Generator spare kit	POA



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