



# DISCOVERY SHIPYARD



## DISCOVERY 55C

Any of the Discovery yacht classes, together with the comprehensive options and extras, will surely address the needs of most clients, however in some cases the degree of customisation exceeds a certain point, familiarity of the build team with the design and engineering of the yacht becomes less important; rather it is the breadth of knowledge and skills that are key to custom builds.

Discovery Custom is the solution to this, appropriately experienced experts in design, engineering and boat building will ensure the outcome is right first time and fully addresses the clients intentions and expectations.



VARIOUS INTERIOR LAYOUTS AVAILABLE





## YACHT HIGHLIGHTS

- Iconic world cruiser - 2 person operation
- Powered winches
- Electric In-mast furling with vertical batten mainsail
- Solent rig (twin headstays) with electric furling headsails
- Deep cockpit with single wheel
- Full foam sandwich construction of hull and deck
- Kevlar layer forward of keel
- Teak decks, capping rails and cockpit
- Self-tacking jib
- Raised saloon and nav station with 270° views

## SAILAWAY PRICE

£1,195,000.00 ex VAT

## SPECIFICATIONS

### DESIGN DIMENSIONS

Overall Length	16.70m	54'8"
Length Waterline (Heeled)	15.0m	49'2"
Beam	4.78m	15'7"
Draft	2.23m	7'3"
Displacement	22,500kg	49,604lbs
Keel weight	9,500kg	20,943lbs
Air Draft	23.52m	77'2"

### SAIL AREAS

Main	65m <sup>2</sup>	699ft <sup>2</sup>
Self-tacking jib	50m <sup>2</sup>	538ft <sup>2</sup>
Furling genoa 140%	87.5m <sup>2</sup>	942ft <sup>2</sup>

### MECHANICAL

Engine	Yanmar 160hp	
Fuel	1,334 litres	352 US Gals
Water	1,008 litres	266 US Gals

# STANDARD OPTIONS

## HULL

Heavy duty GRP moulding, hand laid up to Discovery's precise laminating schedule incorporating multi-axial and unidirectional reinforcements. The keel stub is an integral part of the hull lay-up and foam sandwich construction. Stiffening runs the entire length of the hull and topsides. All main bulkheads are bonded into the hull and deck.1 year manufacturers warranty - 5 year hull guarantee against osmosis.

Standard hull colour, White

Caveta Line gelcoat

Boot top gelcoat, single or twin.

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

Hydro dynamically designed performance orientated cast iron / lead keel, fitted with multiple stainless steel bolts, to create the highest ballast ratio with loading integrated through substantial keel/hull stiffening, to giving maximum stability and comfort. Available in standard and shoal draft options.

## 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

Discovery true deck saloon

Teak laid deck to side decks and cockpit

Self draining cockpit

Deck shower with hot/cold water mounted on transom

Foredeck sail locker, gas strut and automatic bilge pump & alarms. Separate deep chain locker. Both accessible from deck and illuminated.

## DECK EQUIPMENT

Cleats & fairleads (2x fore, 4x midships, 2x aft)

Mainsheet traveller at aft of cockpit

Stainless steel pulpit incorporating navigation light bracket with 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

Ventilator fixed on deck x 3

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

50EST EVO CHROME Lewmar electric winches at companionway x2

65EVO CHROME Lewmar genoa winches x2

Steering compass

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

Lazarette lockers to port and starboard

Stainless steel grab handles on coachroof

## COCKPIT

Centre cockpit with single helm

Cockpit table with drinks holders, stainless steel handles & foot rail.

36" stainless steel wheel covered in hide

Sliding hatch, lowering washboard

Winch handle pockets x2

Safety harness eyes - x4

Instrument console at helm

## RIG

Anodised aluminium twin spreader mast (including spreaders lights up) and boom with electric 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 50ST 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. Light-weight Vectron genoa. White UV protection on headsails. By Sanders Sails.

## ANCHORING

Stainless steel stemhead fitting with twin bow rollers

Lewmar V4 windlass

40kg Delta anchor, 60 metres of chain

## ENGINEERING EQUIPMENT

Yanmar 150 Hp 4 cylinder, fresh water cooled, diesel (second alternator option)

Engine control single lever

Non metallic water strainer with removable filter

Engine room fan

Non metallic fuel tanks, with sediment trap, selector manifold and inline filter

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

Automatic fire extinguisher in engine space

110 amp alternator

Stern tube with water lubricated stern gland

Propeller (3 feathering blades)

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

Skeg hung rudder and Lewmar mamba steering system with stainless steel propeller shaft

Emergency steering system

## ELECTRICAL

Tinned wiring throughout

C-zone (standard 24V); digital Control & Monitoring

Standard battery bank - Service 12-2V gel cells 500AH @24v, Engine start = 100 Ah gel @ 12v

240V Ring main: includes 4 double outlet sockets, (saloon, galley, aft cabin & forward cabin) earth leak circuit breaker and connection cable (with plug for shore connection 32A) and 55 litre vertical calorifier with blending valve

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 star-board lights)
Main switch panel
Shaver socket in each heads

## PLUMBING

Two non-metallic fresh water tanks
Pressurised hot and cold fresh water
Hot water provided by engine calorifier unit and immersion heater
Electric sump pumps to shower trays
Manual bilge pump
Electric submersible bilge pumps x4
Mixer tap in heads compartments
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, keel cooling option available
Front loading freezer, keel cooling option available
Fully gimballed gas cooker with four burners, grill and oven (fail-safe devices on all burners) with cooker extractor hood
Gas shut off tap

## INTERIOR & UPHOLSTERY

Light Oak, alternatives available
Amtico flooring throughout in a wide variety of colours, textures and 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
Garbage bin fitted in galley worktop

## SALOON

Raised seating for eight to ten people providing panoramic views
Folding leaf table

## NAV AREA

Raised, forward facing chart table with 270 ° views
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Chart stowage under hinged lid
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## OWNER'S CABIN

Large berth with pocket sprung mattress - (6") in two parts
Upholstered seat
Wardrobes x2, corners x2
Vanity area

## FORWARD CABIN

Large island berth
Wardrobes x2 (1x hanging, 1x shelves), cupboards above berth x4, drawers under berth x2

## PULLMAN CABIN

Berth single x 2
Wardrobes x2 (hanging x1, shelves x1), drawers x3

## 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
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 standard	£4,900
Caveta (cove) line - twin (any gelcoat colour)	£300
Boot top gel coat, non standard colour	£300
Boot top gel coat, twin (any gelcoat colour)	£300
Copper coating Antifoul applied below waterline to hull and keel	£5,200
Horizontal or vertical in hull portlight extra - 1 piece	£1,150
Hull prep for SSB	£1,500
DECK	
Twin forward-facing opening saloon windows	£8,400
Extra cleats x2	£395
Teak laid deck to side decks and cockpit - different colour of caulking (grey or white)	£2,350
Fold down ladder inside gates port and starboard	£4,800
Deck eyes, folding x2	£215
Davits: Stainless steel, electric. Note: Dinghy not included	£9,890
Anchor wash, connected to salt water pump	£725
Deck wash, outlet in cockpit, connected to fresh water pump	£175
Windlass control on steering pedestal with anchor chain counter	£840
Wired Hand-Held Chain Remote	£295
Custom Steamhead modification (if anchor changed from standard)	POA
Calibrated chain extra 20m	£300
Fortress kedge anchor & chain (5m), anchor warp (50m) & bracket or a padded bag	£1,775
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)	£580
RIG & SAILS	
Electric furlers on both headsails in lieu of standard	£17,500
Hydraulic double action vang with position indicator in lieu of standard rod kicker (vang)	£8,900
Whisker pole (Aluminium) mounted on mast - each	£2,100
Whisker pole carbon - each	£5,500
Lightning Master fitted at masthead, mast step connected to small ground plane to provide lightning path	£450
Cockpit down lighting - white light fitted in underside of boom	£860
Climbing steps x2 on the mast - in addition to standard x3	£285

External preventor (port and stbd), padeyes & lines	£900
Insulated backstay for SSB	£915
Upgrade Sail Pack Hydranet radial woven sailcloth by Sanders Sails: Fully battened Hydranet radial mast furling mainsail, Hydranet radial self tacking furling jib, Hydranetfurling genoa in lieu of standard. UV protection on headsails white.	£6,800
Gennaker standard equipment as well as sheets, halyards, blocks & custom S/S attachments for Gennaker/Cruising Chute (sail not included)	£990
Asymmetric Spinnaker, Contender Maxilite, single colour and full radial design by Sanders sails	£3,625
Asymmetric Snuffer (ATN Sleeve) by Sanders sails	£835
Top down Furler, Karver KF5, Custom stay, Loop line by Sanders Sails	£7,200
Bottom up Furler, Karver KF5, Custom stay, Loop line by Sanders Sails	£6,700
Full vertically battened Vectron mainsail in lieu of standard	£2,200
Glomex TV antenna at mainmast head (mandatory with TV option)	£660
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	£1,380
Flyscreen blind for companionway entrance in Serge Ferrari Soltis 86 Mesh	£280
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	£950
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
Lithium-Ion batteries pack (two batteries)	£10,500
Lithium-Ion batteries pack (three batteries) - recommended for electric cooker	£16,500



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); price starts from	£3,450
Additional outlet (double socket)	£205
Inside charger for mobile devices wireless - each	£135
USB socket inside - each	£205
USB socket outside on garage	£250
12 volt socket (suitable for high load applications such as a dinghy inflator) fitted in cockpit	£250
Underwater hull lights (white) x 2	£1,635
Lighting upgrade; spreader lights	£900
Lighting upgrade; LED cockpit ambient lighting	£890
Generator: 240v, 50Hz or 60Hz, up to 7KW	£12,980
Stern thruster, with control at steering pedestal	£19,480
Fan, foldaway electric (each)	£265
<b>PLUMBING &amp; DOMESTIC SYSTEMS OPTIONS</b>	
Grey water holding tank installation with sensor and pump	£3,495
Bilge pump (manual) mounted below - second	£660
Seagull water filter	£1,140
Aquadrive for reduced engine vibration and noise	£4,950
Racor fuel filter in addition to standard	£1,271
Rope cutter on prop shaft	£1,050
Watermaker - 100 ltrs per hour, complete with auto and manual water rinsing. Flow meter, easy to operate control panel, engineered for long life.	£11,490
Heating with outlets in saloon, all cabins, heads & wet locker	£7,700
Air Conditioning in saloon and all cabins (standard layout)	£13,250
Keel cooling for fridge & freezer	£1,810
Microwave stainless steel 240 volt, 800 watts (for EU spec)	£775
Microwave stainless steel 120 volt 800 watts (for USA spec)	£975
Washing machine	£2,310
Dishwasher fitted in galley	£1,985
<b>INTERIOR</b>	
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)	£12,950
Strong box installed in any cabin	£590
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	£265
Mirror - extra, where possible	POA
<b>MISCELLANEOUS</b>	
Name of boat including DSY design and fitting on transom (boom is not included)	£325
Liferaft: 6 man Ocean canister	£2,175
Liferaft: 8 man Ocean canister	£2,295
Universal liferaft cradle, fitted to pushpit	£385
Fender with sock - additional each	£75
Gas bottle - additional each	£40
Full set of moorning warps (Bow, stern & 2 x springs) - in addition to standard	£360
Horseshoe lifebuoy in addition to standard	£110
Engine spare kit	£300
Generator spare kit	£195
Generator spare kit	£195

#### SAILAWAY PRICE TOTAL

£1,195,000.00 ex VAT

#### OPTIONS TOTAL

£

#### GRAND TOTAL

£



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