



# NOVALUXE SAILING

This boat will both challenge and pamper you. Alternate between thrill and relaxation with a sport-minded, hybrid sailboat. The NLS 40 is as keen on seizing the winds as it is cruising independently while you entertain. The vessel is tightly engineered to fit all of the comforts of a live-aboard boat, but when you're behind the wheel, sails like a race boat. And like the rest of the Novaluxe fleet, the NLS series features our emission free solar/electric technology that preserves places worth going, and gets you there without the need to stop for diesel.

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# NOVALUXE



## NLS 40

Balancing strength, agility, and comfort is what makes the NLS 40 a great acquisition. Adding sleek design and a non-polluting power system make it exclusive to Nova Luxe and a luxury experience second to none.

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## SAIL WHERE THE WIND TAKES YOU

You can sail where the wind takes you, with the assurance of an unlimited-range power system that can bring you back...or out for more exploring!

The silent, solar powered backup batteries discreetly replenish themselves while you sail or relax, so you can truly focus on the task at hand; having a great adventure.



## PRINCIPAL CHARACTERISTICS

L.O. A .....	11.90 m
L.W.L .....	11.90 m
Beam .....	6.42 m
Draft (Dagger-boards) .....	0.8 - 2m
Displacement (L.S) .....	5100 kg
Load carrying cap .....	4000 kg
J .....	4.85 m
I .....	14.60 m
E .....	5.50 m
P .....	15 m
Mainsail .....	56m <sup>2</sup>
100% Fore-triangle .....	35,00m <sup>2</sup>
Auxiliaries .....	2 x 21hp
Stormjib .....	10,99m <sup>2</sup>
Height of DWL .....	17.82 m

## AFT DECK & COCKPIT

The U-shaped helming cockpit encompasses the sleek and stylish helmstation with a vast array of electronic equipment and carbon wheel. The main track and winch station are all easily controlled in and around this area whether in cruising or race mode. The huge drop down table turns into a perfect daybed.

- Helm station with carbon steering wheel
- Back beam 6-seater seating with cushions and storage lockers at helm
- 8-Seater forward cockpit with cushions and locker
- Transom steps
- 1 x 8-Seater drop down table with cushions at cockpit
- Recessed carbon grabrail on transom
- Swim ladder on transom

## HULL, DECK & BULKHEADS

The narrow wave piercing hulls and bridge deck are constructed from the highest-grade Lloyds approved materials. The vacuumed epoxy / foam construction results in a seamless, super lightweight and yet stiff laminate. The interior surfaces are devoid of liners keeping the weight low and allowing for easy cleaning. Bulkheads and cabinetry are integrated into the hull construction both vertically and horizontally adding to the strength and stiffness.

- Epoxy resin and multi axial stitched e-glass fabrics
- PVC sandwich vacuum bonded construction
- Reinforcing built-in for all deck fittings and high load areas
- Bulkheads are bonded and laminated in place
- Forward water-tight compartments
- Fixed, semi-balanced and low aspect rudders
- Mast beam and aft crossbeam with 6 lockers
- Anti-fouling over epoxy osmosis barrier
- Faired and painted polyurethane interior
- Polyurethane topcoat on exterior
- Griptex non-slip on all decks
- Davits system
- Curved asymmetric lifting dagger boards

## COACH ROOF

The aerodynamic wing style Bimini hardtop is super lightweight offering good shelter which is easily expanded with extra canvas, but still affords excellent sail visibility. The clever design allows canvas to remain in place even under sail.

- 6 x Carbon support struts
- 2 x Skylights
- 1 x Blue / white helmsman light
- Bolt rope tracks for roll down awnings
- Stern light
- 6 x 100w flush mount solar panels with thread grip

## FOREDECK

The NLS40 has a huge split trampoline, perfect for relaxing but more importantly pushing the hard bridge deck further aft mitigating slamming. Not that this vessel is prone to slamming with it's huge bridge deck clearance.

- Anchor locker with custom anchor roller
- Carbon stanchions
- 2 x Large trampolines fitted with stainless steel slides and track
- 2 x 300mm Stainless steel mooring cleats
- Port & starboard LED navigation lights
- 6 x Carbon fibre stanchions

## GALLEY

(STARBOARD HULL)

The double sink and vast storage enable this vessel to be turned into a true live-aboard cruiser when required. Serving through the huge gullwing hatch is a breeze and allows access to the galley from the outside.

- Galley build into pod with Corian finish.  
Includes ample cupboards with stainless steel hinges and push button latches
- 1 x Double sink with hot and cold faucets
- Large cabinet with cupboard doors
- 1 x 12V outlet
- Fixed tinted 12mm acrylic windows
- Sealed opening skylight for pods with gas struts
- Custom companionway hatch

## AFT CABIN

(STARBOARD HULL)

Cabins are closed off by lightweight panel doors with easy access offering truly private spaces.

- Queen-sized double bunk with fitted 100mm mattress
- Storage cabinet & overhead locker
- 2 x LED reading lights
- 1 x Strip LED touch cabin lights
- 1 x Size 0 flush mitred Lewmar port light

## FORWARD STORAGE COMPARTMENT

(STARBOARD HULL)

- Shelving & cupboards for storage

## HEAD COMPARTMENT

(STARBOARD HULL)

The two heads although more orientated too a lightweight race boat, still offer electric silent flush toilets and Corian surfaces.

- 1 x Corian wash basin with storage cabinet
- Vanity locker with mirror and storage
- 1 x Hot & cold shower
- 1 x Stainless steel towel rack
- 1 x Stainless steel toilet roll holder
- 1 x LED strip light
- 1 x Silent electric flush toilet
- 1 x Size 0 flush mitred Lewmar port light

## SALOON & NAVIGATION CENTRE

(PORT HULL)

The navigation area houses all switch gear and system monitors. The fold away nav chair gives comfortable function of the big chart table.

- Saloon unit with upholstered settee
- Seating at main beam with upholstered cushion
- Sealed opening skylight for pods with gas struts
- Custom companionway hatch
- Overhead switchboard
- Chart table with top opening and storage underneath
- Battery switch & battery monitor
- 12V Outlet
- Retractable nav seat
- Fixed tinted 12mm acrylic windows

## FORWARD CABIN / LOCKER

(PORT HULL)

The forward lockers are able to be converted into single berth accommodation if required with storage then taking place below the bunks.

- Single bunk with 80mm mattress and storage under bunk
- 3 x Mattress cushions
- 1 x LED strip touch cabin lights
- 1 x Sized 60 medium profile hatch

## HEAD COMPARTMENT

(PORT HULL)

This well sized area hosts a stand-alone shower and private head with silent flush toilet, Corian wash basin and vanity locker.

- 1 x Corian wash basin with storage cabinet
- Vanity locker with mirror and storage
- 1 x Stand-alone hot & cold shower
- 1 x Stainless steel towel rack
- 1 x Stainless steel toilet roll holder
- Cupboard into tank compartment
- 1 x LED strip light
- 1 x Silent electric flush toilet
- 1 x Size 0 flush mitred Lewmar port light

## AFT CABIN

(PORT HULL)

Walk down two steps into this spacious double bunk with ample storage and large window.

- Queen-sized double bunk with fitted 100mm mattress
- Storage cabinet & overhead locker
- 1 x LED touch cabin lights
- 1 x Size 0 flush mitred Lewmar port light

## DECK HARDWARE

- 3 x 46 STI Harken haylard winch
- 2 x 50 STI Harken sheet winch
- 3 x Power-grip lock-in winch handles & pockets
- 2 x Escape hatches
- 4 x Lewmar size 60 medium profile hatches

## MAINSHEET SYSTEM

- 1 x 75mm Single block on boom gooseneck end
- 2 x XAS/1 single rope clutch – traveller for jib
- 2 x Custom thru-deck blocks

## GENOA SYSTEM

- 2 x XCS single rope clutches for traveller and sheet
- 2 x thru-deck blocks
- 2 x Custom thru-deck blocks

## RIGGING SOUTHERN SPAR

### MAST

- Custom single spreader NG86 mast section (248 x 175)
- Deck stepped un-tapered
- Anodized natural
- Brackets for navigation lights, windex and wind instruments
- Mast head welded in position with facility for 2 halyards including 2:1 main halyard
- Forestay attachment point provided
- Cap tangs complete
- Spinnaker halyard sheave box with deflector
- Sheave box fitted for Genoa halyard
- One set of swept aerofoil spreaders fitted
- Shroud terminals fitted for diamonds
- Sail track for 22mm slides
- Four exit slots of the open skid type
- Fixed gooseneck suitable for slab reefing
- Two luff pennant pad-eyes fitted
- 1 Winch pad to starboard (Main Hal / Reef)
- Main boom topping lift facility on mast
- Mast heel
- Mast step with facility to lead 2 x jib sheets & mainsheet through radius tubes
- Mount windex & VHF

### FORWARD CROSS BEAM

- Aluminium section, ¾ ton (175 x 115) with mounting flanges
- Natural anodized
- Seagull striker fitted
- Attachment facilities for spinnaker blocks
- 8mm bolt rope track to attach trampoline
- Anchor bridal attachments incorporated on both sides of cross beam hull mounts
- 8mm 1 x 19 striker stay including rigging screw
- Welded cleats
- Cross beam

### LIGHTS

- Deck flood light with protector in spreaders (LED)
- Steaming light with s / s protector (LED)
- Two conduits fitted and wiring to exit grommet at base of mast

### MAIN BOOM

- Aluminium section W30 (165 x 101)
- Anodized natural
- Fitting to suit mast gooseneck
- 2 x Mainsheet fairleads fitted
- Attachment points for main sheet

### MAIN BOOM

- Three sheave boxes fitted at aft end of boom to facilitate outhaul and two reefing lines
- Three sheave boxes forward for reeflines and outhaul complete with jammers
- Clew strop c/w shackle supplied

## RIGGING SOUTHERN SPAR

### REEFLINES

- Two colour coded 12mm Southern braid reefines
- 12mm Southern braid outhaul
- 10mm spectra luff strops with snap shackles

### STANDARD RIGGING

- All wire to be Dyform unless otherwise stated
- Forestay 8mm
- Caps 10mm
- Outer diamond 7mm
- Aft intermediates 8mm

### HALYARDS

- 1 x main 2:1 10mm braid with custom 2:1 Sparcraft headboard block
- 1 x Genoa 12mm braid complete with captive 'D' shackle

### LAZYJACKS

- Complete with necessary cordage, cleats and attachments
- Cordage led internally then via fairleads in spreaders to stackpack
- Stackpack saddles on mast

- Leather chafe protection where necessary
- UV resistant anti-chafe tunes over the cap shrouds
- Terminals hydraulically swaged
- Rigging screws inclusive

- 1 x spinnaker 10mm braid line complete with Gibb snap shackle
- MBTL 10mm braid complete with captive 'D' shackle

## SAILING INSTRUMENTS & CONTROLS

A sports catamaran needs a top of the range navigation package and that is what you get with this state of the art Raymarine system.

- 1 x i70 Tridata system
- 1 x Raynet 50 VHF with built in DSC
- 1 x Compass to suite zone
- 1 x Double lever morse control
- AIS
- 7.5" Garmin chart plotter

## PLUMBING

- 2 x Manual bilge pumps with thru deck kits
- 6 x Remotely mounted bilge pumps
- 9 x Straight skin fitting w/hose-tail 19mm
- 2 x Straight skin fitting w/hose-tail 25mm
- 2 x Vented loops 19mm
- 2 x Vented loops 38mm
- 1 x Fore-spar valves 19mm
- 1 x Fore-spar valve 38mm
- 1 x 31 Litre hot water cylinder
- 2 x Freshwater pump
- 1 x Saltwater deck wash pump
- 2 x Black water tanks with deck evacuation

## ANCHORS

- 1 x 20kg Rocna primary anchor
- 20m x 10mm Anchor chain
- 2 x 10mm Galv. D shackles
- 80m x 16mm Anchor warp
- 1 x 35lb Secondary anchor
- 5m x 10mm Anchor chain
- 40m x 16mm Moorings warps
- 5 x DH5 fenders 250 x 800mm
- 7.5 x Fender lanyards 1.5M x 5 x 10mm
- 1 x Lewmar H3 Windlass
- Anchor bridal



## FORWARD CROSS BEAM

- Aluminium section, ¾ ton (175 x 115) with mounting flanges
- Natural anodized
- 8mm Bolt rope track to attach trampoline
- Anchor bridal attachments incorporated on both sides of cross beam hull mounts
- Welded cleats
- Cross beam brackets

## STEERING SYSTEM

- 1 x Brake spinner Commodore 36" S/S wheel
- 1 x Quick release Commodore nut
- 1 x Quick mount 13T bulkhead steerer
- 2 x Single articulated sheave 6"
- 2 x Double flat sheave 6"
- 1 x Commodore 36" S/S wheel
- 1 x 1M S/S roller chain 5/8" P
- 6mm S/S wire
- Swage ends for wire
- Wire rope clamps 6mm
- 2 x PX801 AHFT 10 rose joint 5/8" UNF

## ADDITIONAL STAINLESS STEEL

- 2 x Rudder stock
- 1 x Emergency tiller

## ELECTRICS

There is a wide array of electrical equipment on the vessel, including a total of 600w solar panels to minimize usage of shore power.

- 1 x Rockford marine CD/radio player
- 4 x Rockford Waterproof speakers
- Switch panel with circuit breakers and switches
- 2 x TT103 Engine start batteries
- 2 x 105 AMP/H house bank batteries
- Shore power cable and connections
- 6 x 100-Watt solar panels
- Cabling and conduit
- Battery switches
- Victron battery monitor and 500 shunt
- Battery charger

## ENGINES

Mid-mounted engines give you easy access for servicing and great manoeuvrability.

- 2 x 25 kW electric motors
- Sail drive leg with 3-blade folding propellers
- 60 kW lithium battery power
- 10 kW generator

## CONTACT

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