



NAJAD 440 AC

TECHNICAL SPECIFICATION

DESIGN: NAJAD AB and judel/vrolijk and co

DIMENSIONS AND DATA

Length overall	13,50 m
Length waterline	12,20 m
Beam	4,03 m
Draught	2,10 m
*Alternative draught	1,90 or 2,40 m
Displacement	14,0 t
Ballast	4,8 t
Mast height above water line	20,5 m

HULL AND DECK MATERIALS

Vacuum infused/hand laid sandwich construction	
Hull material	E-Glass Vinylester
Deck	E-Glass Vinylester/polyester
Core material	Divinycell
Hull color	White
Waterlines color	Carmine red (RAL 3004)
Hull trim line	Carmine red (RAL 3004)

ENGINE

Volvo Penta
Power
Sail drive

D2-75S
55 kW, 75hp
Folding propeller

TANKS

All tanks are manufactured in acid resistant stainless steel

Fuel tank	~ 425 l
Water tank	~ 550 l
Hot Water boiler	~ 40 l
Holding tank	2 x ~70 l

SAIL AREAS

Crusing	95 m ²
Furling main	51 m ²
Working jib	44 m ²
*Code 0	88 m ²
*Gennaker	130 m ²
*Storm jib	19 m ²

* Options

NAJAD 440 CC STANDARD SPECIFICATION - PRICE LIST

ALL PRICES IN SEK , EX. VAT, EX. WORKS HENÅN

Valid from 2016-01-01. Replaces all previous price lists

Najad 440 CC Standard

4 985 800

Including Antifouling, Rigging, Launching and Commissioning

RIG AND SAILS

RIG

- Seldén rig
- Keel stepped in mast furling with fractional 19/20 rig and two pairs of swept spreaders. Control lines led to cockpit under deck to jammers
- Mast and boom in silver anodized aluminum profile
- Standing rigging of stainless steel wire
- Seldén mechanical backstay adjuster
- Rod kick with gas damper
- Stainless steel chain plates, top shrouds mounted on toe rail lower shrouds close to the coachroof, bolted and laminated on both sides to the hull
- Aluminium rigging screw protection
- Internal main and jib halyards of wire/polyester, all halyards and control lines are led back to cockpit
- Headsail Furler system with reefing line on port side, led through blocks on stanchions, through a jammer on aft part of the toe rail and via a block to the cockpit, for easy handling
- Mast equipment includes deck light (on front of the mast), steaming light and anchor lights, windex and flag halyards

- Boom lines include topping lift and internal outhaul.
- LED Navigation lights

OPTIONS

In-mast Furlin, upgraded to electric and one electric Andersen 40STE winch for outhaul/main sheet	126 000	0
Electric Furlex for headsail, upgrade	30 000	0
Removable inner forestay with adjuster	34 240	0
Hydraulic boom vang and aft stay, manoeuvred from cockpit		0
Hydraulic boom vang and back stay tensioner, manoeuvred from cockpit	60 230	0
Light under boom in cockpit	7 140	0
Gennaker halyard	6 400	0
Radar reflector on mast, passive	5 000	0

SAILS

- 'Najad Original' sails are made in high quality, laminated cloth, triradial cut from UK-Sailmakers
- The furling vertical battened mainsail is fitted with sail number, boat number, battens, tell tales and sail bag
- The furling working jib with battens is delivered with tell tales and sail bag

OPTIONS

Furling main sail upgrade to X-Drive Carbon, double Taffeta	37 930	0
Furling working jib upgrade to X-Drive Carbon, double Taffeta	24 975	0
Gennaker including Seldén GX Furler and Halyard	72 040	0
Code 0 including Selden CX Furler and Halyard	49 390	0
Storm jib Dacron	13 340	0

DECK

WINCHES

- Andersen full stainless steel, self tailing
- 2 x 52 ST Genoa sheet winches
- 2 x 40 ST Main sheet/halyard winches
- 3 x lockable winch handles

OPTIONS

1 x El. Genoa winch 52 STE 24V Vario, variable speed	47 140	0
1 x El. Genoa winch 40 STE 24V Vario, variable speed	42 085	0

SAILING GEAR

- Genoa sheet track systems with ball bearing cars, manoeuvred by trim lines, led to 2 x line clutches located just outside the cockpit for easy access
- Main sheet track system, mounted in front of the wind screen, including ball bearing car and adjustable sheeting point, all manoeuvred from cockpit. Sheets and trim lines run through 4 x Spinlock line clutches

OPTIONS

Gennaker equipment (downhaul, sheets, blocks)	17 800	0
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MOORING EQUIPMENT

- 4 x stainless steel mooring cleats, through bolted
- 2 x stainless steel spring cleats, midships, through bolted
- 4 x 15 m mooring lines
- 4 x fenders

OPTIONS

Bow protection rail, conic	4 550	0
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ANCHOR SYSTEM

- The bow fitting includes twin bow rollers and fitting for optional gennaker
- Electric windlass (1500W), with removable hand control, located under the deck in a self drained locker
- Delta anchor 25 kg
- 40 m, 10 mm chain and anchor swivel between anchor and chain

OPTIONS

Cockpit manouvered windlass controll with chain counter	6 270	0
Electric windlass aft, with CQR-anchor and 40 m chain	70 010	0
Stainless steel anchor instead of standard. Add price	17 125	0
Stainless steel anchor chain instead of standard. Add price	12 160	0

SKYLIGHTS, PORTLIGHTS, WINDOWS & VENTILATION

- 5 x opening skylights on deck
- 10 x port light in coach roof (opening in each heads, galley and 4 in aft cabin)
- 2 x port lights on transom to the aft cabin
- Fixed Windscreen made of hammer glass, mounted in an aluminium frame
- 6 x Dorade ventilators with stainless steel protection bars
- Louvers in the washboard

OPTIONS

1 x Additional portlight in galley	5 210	0
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TEAK

- Solid teak on deck, coach roof, swimming platform and in cockpit area
- Teak deck of 12 mm thickness glued
- Teak capping fitted with stainless steel rail on the outside for best possible protection

DECK STORAGE

- Drained chain locker in bow
- Two deck lockers on aft deck with a shelf in the port locker
- A stowage locker is located at the transom including a separate drained locker for the propane bottle

MISCELLANEOUS DECK EQUIPMENT

- Stainless steel pullpit
- Stainless steel pushpit
- Lifelines with stanchions screwed to fittings, which are through bolted to the rail below the capping
- A foldable bathing and safety ladder fitted in the integral swimming platform
- Teak grab rails on both sides of the coach roof
- Deck fillers for water & fuel and evacuation of the holding tanks
- Internationally approved navigation lights on pulpit and pushpit
- Ensign staff (flag pole)
- Boat hook

OPTIONS

Shower at swimming platform	4 976	0
Pushpit teak fitting for outboard engine	2 250	0
Jackstays on deck, nav.table, galley and cockpit	9 900	0
Life raft 6 pers., incl. deck or pushpit fitting	29 600	0
Davits (retractable)	On request	

COCKPIT

- Behind the wind screen in the spacious cockpit, there is a large chart table area with grab handles and a washboard in high gloss varnished teak. In this area there is also space for additional instrumentation
- The twin steering pedestals is made in glass fibre, with space for additional instruments. On top of the pedestals there is grab handles and one illuminated compass
- The stainless steel steering wheels and parts of the spokes are covered with elk leather
- There is a fixed, high glossvarnished cockpit table with foldable leafs in the middle of the cockpit
- Cockpit grating and seats in teak
- Flush mounted recess (storage space) in the coaming on both sides of the cockpit
- The engine panel is installed in the starboard coaming recess
- The sprayhood provides a completely protected area at the forward end of the cockpit and with the optional extension, the entire cockpit can be covered. The sprayhood has windows in the front section and is fixed to a stainless frame. In order to make a splash proof joint the sprayhood is fitted in a groove, on the top edge of the windscreen frame
- A manual bilge pump is fitted in the cockpit sole, possible to operate from the cockpit with all hatches closed

OPTIONS

Teak glass holder in cockpit, unvarnished	2 250	0
Extra heater outlet in the cockpit	2 250	0
Bimini with stainless steel tubes	24 600	0

INTERIOR

GENERAL

- The interior is made of a selected, first class quality unstained African mahogany, hand crafted, hand polished and varnished to a satin finish. Dark wood features
- The flooring is made of varnished dark wood with inlaid stripes
- There are inspection hatches in the floor
- The headlining is of white covered panels

OPTIONS

Interior in American white oak	129 800	0
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LAYOUT

- See attached layout drawing for standard and layout options

SALOON

- In the saloon there is plenty of space for the whole crew to be together for meals and room for enjoying a good social life on board
- Ample dimmer controlled ceiling lights and reading lights at settees.
- The companion way steps have purposefully left unvarnished and in each curved step there is caulked strips for a safer foot-hold. The stair is mounted on hinges with gas dampers for easy opening and a daily access to the engine room
- There are leather covered stainless steel hand rails on each side of the staircase
- Leather covered stainless steel grab rail on starboard side of the ceiling
- There are two big opening skylights in the saloon ceiling which together with the port lights makes the saloon bright and spacious

- The large, saloon table, foldable on starboard side, has a bottle stowage in the table support
- There are plenty of lockers and a special shallow locker on starboard mast bulkhead, suitable for a flat screen tv
- The backrests of the settee on port side are hinged to convert the settee to a berth (2,3 m)
- Head room 1,97 m

OPTIONS

Extra grab rail, saloon ceiling at port

6 030

0

GALLEY

- The L-shaped galley is located amidships just to port of the companionway and offers a large working surface with all necessary galley equipment easy to reach
- The galley work top is made of plexicor® with stainless steel twin sinks and a chopping board, which fits over one of the sinks
- A fully pressurized system for hot and cold fresh water includes a luxury single lever tap
- The cooker is a Force 10, twin burner gimbaled gas cooker with oven and grill. The gas pipes are fixed copper pipes and a remote controlled shut-off valve between cooker and gas bottle is located in the galley area. A manual gas valve is fitted underneath the cooker
- A well insulated (92 L) fridge box with 3 removable baskets. It has an air cooled compressor
- There are large additional stowage areas for groceries and other food items
- The cupboards are equipped with fiddles for plates, cups and glasses and there is a cupboard under the cooker for pans and cutlery. The cupboard above the cooker, is dedicated for an optional micro
- Waste basket in the cupboard under the sinks
- Ceiling light over the working area
- Extra cupboard with sliding doors on the galley work top, aft
- Head room 1,90-1,97 m
- Cutlery and glasses including wine glasses, tumblers and beer glasses

OPTIONS

Fresh water filter

1 030

0

Freezer/Fridge 40 l instead of dry stowage (air-cooled)

24 970

0

Freezer/Fridge 40 l instead of dry stowage (water-cooled)

31 180

0

Watercooled refrigerator, 92 L

6 090

0

NAVIGATION AREA

- The spacious navigation area amidships on starboard side, is with its two seats, an important part off the saloon
- There is space for admiral charts which can be stowed in the chart table
- Space for additional instrumentations and equipment on panels above the navigation table
- The switchboard behind a Perspex door, is easy accessible and equipped with domestic main switch (code lock), electric and tank volume information, circuit breakers, fuses and prepared for additional circuits
- There is also a 12 volt DC, 230 volt AC outlet and a chart lamp

AFT CABIN

- Two comfortable and wide, double berth (2,07 m), with two reading lights
- Berth boards are unvarnished and ventilated with holes to minimise dampness
- Plenty of stowage underneath the berth bottoms

- In each cabin there are spacious wardrobes and a shelf along hull sides
- In each cabin there is one opening port light to the cockpit and one opening port light outwards
- Head room 2,0 m

OPTIONS

Layout option - Single berth and large stowage in aft cabin port side	46 300	0
Layout option - Separate shower and head, and large stowage starboard aft with access from cockpit locker	75 430	0

FORWARD CABIN

- There is one head en suite in forward cabin and one central head, on port side of the companionway. The central head, has a separate shower compartment with a wetlocker. The wetlocker is also suitable for a washing machine
- Bulkheads are white laminated. Wash basin, bench surface and shower floor are made in Corian®
- The toilet is manual operated, drained direct to sea, into the holding tank or to shore through the deck fitting
- There are lockers above and below the wash basin
- The hot and cold pressurized fresh water system is operated by a single lever tap at the wash basin and a thermostat controlled shower mixer. The shower area has an electrical waste pump and a curtain
- Head room forward 1,93 m, center 1,90 m

OPTIONS

Corian® cover in heads, alternative color	2 220	0
Clothes rack in the shower, detachable	620	0
Electric toilet	9 380	0
Odour filter for WC flush water	2 590	0
Mirror on door (full height)	2 990	0

SOFT FURNISHINGS

- Saloon settee cushions: 130mm thick of three layers foam, providing a comfortable seat, covered with specially selected fabrics
- Berths: 120 mm thick of two layers foam providing a very comfortable mattresses. Covered with neutral mattress fabric in the aft and forward cabin
- Curtains: Specially selected fabrics. Flameproof BS 5852

OPTIONS

High class pocket spring mattresses 150 mm thickness, covered with neutral mattress fabric. Price each cabin	12 600	0
Carpets in all cabins (non-fitted)	18 000	0
Upgraded upholstery fabric on all seating areas	15 200	0
Add. price cushions ALCANTARA® fabric instead of standard	23 270	0
Sleeping mattress (topper). Price per single berth	2 880	0
Leecloth per single berth	2 450	0

HULL, DECK AND RUDDER

HULL

- Vacuum infused hull in sandwich construction, multi-axial E-glass fabrics, vinylester resin and divinycell core material. The surface layer is gelcoat
- Below the water line the hull is treated with two layers of epoxy primer and grey antifouling. The inside of the hull is top coated
- Hull color is white, with carmine red water lines and trim lines
- The hull is reinforced with longitudinal and transverse floor grid system construction, which also supports the keel fittings, mast, engine frame, tanks and cabin soles

- There are also additional longitudinal reinforcements in the hull, stringers, for maximum hull strength.
- All structural bulkheads and stringers are laminated on both sides to the hull
- Reinforced single laminate (no core) is used in high stress/important areas such floor construction, engine bed and through hull fittings

OPTIONS

Extra epoxy primer (total 5 layers)

12 080

0

DECK

- Vacuum infused/hand laid deck and coach roof in sandwich construction including multi-axial fabrics, vinylester outer skin, divinycell core material and polyester inner skin
- Reinforced single laminate (no core) is used in high stress/important areas
- Deck colour is white
- Hull and deck are sealed and bolted together

KEEL

- The keel, designed for best performance, has an upper part in cast iron for strength and a ballast lead bulb
- The entire keel is separately epoxy treated and acid proof, stainless steel bolts fix it securely to the hull

OPTIONS

Alternative draught 1.90 m or 2.40 m

57 210

0

RUDDER AND STEERING

- The balanced spade-rudder, with self aligning bearings, is made in glass fibre reinforced vinylester, with a divinycell core in a stainless steel frame work with an acid resistant solid stainless steel rudder post
- The steering system is rotating torque rod system
- The stainless steel wheels (covered on elk skin) is provided with an adjustable friction brake
- The emergency tiller (stored in the cockpit locker) fits on the rudder post and is attached through a dedicated deck fitting

TECHNICAL SYSTEMS

ENGINE / PROPULSION

- Volvo Penta D2-75S, 4-cylinder direct injection 4-stroke marine diesel with fresh water cooling.
- Crank shaft power: 55 kW (75 hp)
- S-drive and folding propeller
- Bowthruster Sleipner, mounted in tunnel
- Mechanical reverse gear with single lever control
- On the pedestal there is a tachometer with digital engine hour meter, visible and audible alarm for low oil pressure, high engine temperature and charging
- The engine is suspended on rubber cushions which together with the low cruising rpm and a well sound-insulated engine compartment, ensures a very quiet running engine and low vibration levels
- Wet exhaust with swan neck and effective rubber silencer
- The engine is located inside a well insulated engine room with daily access from a door on port side. All important engine components are easily accessible for servicing
- On the engine cooling system there is an outlet to heat the hot water boiler
- Separate external fuel and microbe filter in addition to the engine standard filter

- Separate engine battery switch, battery voltage is displayed at navigation table.

OPTIONS

Bow- and stern thruster with progressive power and docking function.		
24V/200A additional battery	166 400	0
Double fuel filter	6 790	0
Extra insulation in the engine room	21 060	0
Additional aluminum lining inside engine room compartment	26 250	0

TANKS, PUMPS & LIQUID SYSTEMS

- All tanks are made of acid resistant stainless steel and are fitted with inspection hatches and level gauges
- The digital water and fuel tank meters are conveniently positioned on the switchboard at the navigation station. The tank monitors are programmed to the shape of each tank and display a graphical and digital reading in either litres/gallons or percentages
- Both holding tanks have a level indicator showing 75% capacity. They can be evacuated separately ashore via a deck fitting or drained to sea by gravity. All hoses connected to the holding tanks are gas tight and mounted with twin hose clamps
- The fuel tank has a cleaning pipe, reaching the bottom of the tank, to evacuate dirt and water.
- A separate manual evacuation pump is provided. The reinforced hoses have twin clips in stainless steel
- Water boiler 40L
- Electric emergency bilge pump, approx 8 cbm/h
- Electrical automatic/manual bilge pump
- Manual bilge pump

ELECTRICAL SYSTEM

- The domestic system voltage is 24V, with a total capacity of 400 Ah at 24 volt. The batteries are installed in boxes.
- One separate AGM engine start battery 12V/100Ah
- Two AGM batteries 12V 100A in serie for the bowthruster
- The electric power is supplied by two engine alternators 12V/60A, 24V/110A. And via shore with a Mastervolt Combi charger/inverter, 24V/100A/3500W
- The 230V shore power system includes a 3,5 kW isolation transformer, 20 m cable, fuse box, earth fault interruptor and 5 sockets
- There are two separate main switches, one for the domestic at the navstation and one hidden for the engine battery. All electric installations are well dimensioned, mainly run in conduits
- DC monitoring system, displaying current consumption, voltage and remaining battery capacity.
- The electrical system is mainly connected to a Empir bus system which controls the majority of the functions
- 2,2 kg zink anode
- Grounding plate

OPTIONS

Diesel generator Whisper 3,5 kW	126 900	0
Extra domestic battery 24V, 200 Ah	11 920	0
Night lights	6 730	0
Additional 220 V outlets	1 725	0

NAVIGATION / COMMUNICATION SYSTEMS

- Raymarine i70 Multifunction instruments
- Raymarine c-95 mounted on pedestal top
- Raymarine Autopilot p70

OPTIONS

Additional Raymarine i70	7 304	0
Smartcontroller wireless (incl more functions)	6 170	0
e125 12" HybridTouch with EU chart mounted in cockpit	31 840	0
4KW 24" Digital Colour HD radarantenna mounted on mast	61 728	0
4KW 24" Digital Colour HD radarantenna mounted on pole aft	34 990	0
Stainless steel protection bar for radar antenna on mast	8 880	0
AIS 500 (tranciever)	13 400	0
VHF RAY 260e DSC (placed at navstation)	11 600	0
VHF Ray 260e Second Station Kit (pedestal or sb glove compartment)	4 990	0
Extra VHF speaker for 260e	2 250	0
Mast head combi antenna for VHF, FM/AM	5 100	0
Mast head combi antenna for WHF,FM/AM,TV (Antigua)	11 930	0
Furuno Navtex NX-300 incl. antenna	9 930	0

ENTERTAINMENT

- Radio/CD-player, speakers in saloon

OPTIONS

Radio/CD/DVD Fusion 750 MS-AV750 with Bluetooth add price.	11 040	0
32" inch Smart TV in saloon, fixed mounting, ex. aerial	9 200	0
2 x loudspeakers in the cockpit	3 760	0

MISCELLANEOUS TECHNICAL SYSTEMS & EQUIPMENT

- Eberspächer heater 5 kW with outlets in saloon, aft- and forward cabin and heads
- 3 x Fire extinguisher (powder ABE)
- 2 x 2,75 kg gas bottles
- Full tank of diesel at handover

OPTIONS

Watermaker approx 60 l/h	142 400	0
Air-conditioning fwd cabin	62 540	0
Air-conditioning saloon	72 960	0
Air-conditioning aft cabin	62 540	0
Washing machine in fwd heads	23 600	0
Gas alarm by the cooker, automatic cut-off	5 000	0
Safe, digital combination	8 050	0

MISCELLANEOUS TECHNICAL SYSTEMS & EQUIPMENT

- Eberspächer heater 5 kW with outlets in saloon, aft- and forward cabin and heads
- 3 x Fire extinguisher (powder ABE)
- 2 x 2,75 kg gas bottles
- 100L diesel at handover

OPTIONS

Watermaker approx 60 l/h	143 060	0
Air-conditioning fwd cabin	62 540	0
Air-conditioning saloon	72 960	0
Air-conditioning aft cabin	65 540	0
Washing machine in fwd heads	23 050	0
Gas alarm by the cooker, automatic cut-off	5 000	0
Safe, digital combination	12 820	0

MISCELLANEOUS

- Commission of Yacht in Henån

- One day handover including test sail

OPTIONS

Packing for road transport	38 800	0
Transport	On request	

NOTES / SPECIAL REQUESTS (TO BE CONFIRMED BY THE YARD)

TYPE APPROVAL / OTHERS

- CE certified category A (unlimited ocean voyages)
- Extra equipment may influence the standard specification. It may also influence the displacement and balance of the yacht which might make it necessary for Najadvarvet to take necessary steps to rebalance the yacht

PRICE

Total price (SEK ex. VAT)		4 985 800
Total Price local currency	1,00	4 985 800
VAT	0%	0
Total price local currency		4 985 800

RESERVATIONS

PLEASE NOTE! Whilst every effort is made to adhere to this specification exactly, there is always the possibility of details being changed for reasons such as model improvement and component supplies, to those in other publications. This can also be due to model year changes, printing errors, price adjustments or other reasons. In respect of the legal purchase terms, this is only a guideline to describe the product in as detailed way as possible in a printed media. Najadvarvet AB especially reserves the right to change the design and reduce or change the standard equipment, the choice of products and the technical solution of the product without notice.

