



JEANNEAU

SUN ODYSSEY 509



SPECIFICATIONS

Overall length	15,38 m / 50'5"
Hull length.....	14,98 m / 49'1"
Waterline length.....	13,92 m / 45'8"
Beam	4,69 m / 15'4"
Displacement light load with deep draft keel.....	13900 kg / 30644 lbs (provisional)
Standard draft cast iron fin keel.....	2,28 m / 7'5"
Shoal draft cast iron fin keel.....	1,73 m / 5'8"
Engine.....	75 HP / 55Kw
CE category (in process).....	A12
Fuel.....	240 L / 63 US gal
Water.....	615 L / 163 US gal
Fridge compartment.....	255 L / 67 US gal
I.....	19,06 m / 62'6"
J.....	5,77 m / 18'11"
J (Performance Plus).....	5,47 m / 17'11"
P	17,50 m / 57'4"
E	6,00 m / 19'8"
Mast height above waterline.....	21,60 m / 70'10"
Standard sail area.....	114,0 m ² / 1227 Sq ft
"Performance Plus" sail area.....	134,0 m ² / 1442 Sq ft
"Performance Self-tacking" sail area.....	104,0 m ² / 1119 Sq ft
Architect	Philippe Briand / Jeanneau Design



STANDARD EQUIPMENT

CONSTRUCTION

- **Hull** : monolithic GRP hull hand-laid into a 2-part opening mould. ISO gelcoats. Barrier coat used to guard against osmosis.
- **Hull structure** : 3rd Generation counter-moulded structure glued and laminated to hull for strength. High-load zones cut-out for access to the hull.
- **Injected deck** via Prisma Process®. Coring and laminate materials are laid up dry before the mould is closed. Once closed, resin is injected into the void. This process yields a very high-end part that is finished on both sides and reduces the weight by 30% with minimum impact on the environment.

DECK EQUIPMENT

- **Open bow pulpit** in stainless steel
- **Stern pulpits** in stainless steel with bracket for buoy
- **Stemhead fitting** in stainless steel with double anchor rollers
- **Lifelines** 2 levels of stainless steel wire, lifeline gates
- **Toerail**
- **Mooring cleats** x6 in aluminium
- **Handrails** on coachroof in solid wood
- **Anchor locker**
- **Anchor windlass** 1500w/12v with a chainwheel for 12mm
- **Flush deck hatches**
- **Lateral coachroof windows** drape-formed
- **2 Opening ports** integrated behind fixed windows
- **Long Harken traveller** with ball-bearing cars and control lines led aft to cockpit
- **Genoa tracks** on coachroof with ball-bearing cars adjustable from the cockpit
- **Harken deck hardware and spinlock line stoppers**
- **2 Harken 46.2 Self-tailing roof-mounted winches** for halyards

COCKPIT & TRANSOM

- **Large cockpit table** with storage compartments, icebox, space for instruments (wooden leaves optional)
- **Wood battens** on bench seats, fold-down platform and transom
- **Cockpit lockers** 2 under bench seats, 2 large lockers under helm stations and 1 central locker designed to hold the optional generator
- **Gas locker** for 2 gas bottles, cut-off valve under stove
- **2 Harken 60.2 Self-tailing helm-mounded winches** for genoa sheets (upgraded winches come as part of the performance plus package - optional electric winches also available)
- **2 Steering stations** wheels with a leather wrap, space for flush mounted gps at each helm, stainless steel handrail
- **Emergency tiller** fitting in cockpit floor
- **Engine control** throttle lever and engine panel located at starboard helm. Optional 360 docking with POD120 and joystick mounted at cockpit table
- **Large aft fold-down swim platform** with telescopic ladder (optional motorised opening and closing)

MAST & RIGGING

- **Classic mast** aluminium with double spreaders
- **Standing rigging** is discontinuous wire rigging 1x19
- **Backstay** single (hydraulic adjuster included in performance packages)
- **Genoa furler** with twin grove and furling line led to cockpit (under-deck furler included in performance plus package)
- **Running rigging** boom topping lift, main halyard, jib halyard, main sheet, jib sheets in polyester
- **Lazy bag** with integrated lazy jacks
- **Aluminium boom** with rigid vang

SAILS

- **Standard sails** horizontally-cut in high-quality dacron
- **Performance sails** in triradial cut mylar/taffeta laminate
- **Self-tacking jib (option)** in triradial cut mylar/taffeta laminate
- **Inmast furling (option)** horizontally-cut in high-quality dacron
- **Code 0 (option)** in triradial cut mylar/aramid laminate

INTERIOR

WOOD

- **Alpi Fine Teak®** interior with marine ply core, solid trim, anti-uv varnish
- **Laminate floorboards** with light-coloured stripes and varnished edges
- **Ceiling panels and hull liner** wood panels with vinyl lining

COMPANIONWAY

- **Hinged companionway doors** in plexiglas
- **Sliding horizontal hatch** in plexiglas
- **Stainless steel handrails** to each side of entryway
- **Wooden steps** with non-skid strips
- **Access** behind steps to engine compartment
- **Insulation** foam 40mm with film

SALOON

- **Comfortable seating arrangement** to port for 6 with view of sea through hull ports
- **Hinged storage compartments** under settee seating
- **Large table** with two removable, aluminium legs and central bottle storage

- **Led overhead lighting** (optional indirect lighting under kickboards)
- **3 Large, fixed hull ports**
- **2 Opening hatches** in saloon

LOUNGE (3 cabin version)

- **2 Lounge seats** to starboard, backrest inserts in multiple colours, view of sea through hull ports
- **Pullout bar cabinet** with leatherette-lined table with bottle, glass storage and snack storage
- **Led overhead lighting** (optional indirect lighting under kickboards)
- **Hinged storage compartments** under each seat
- **3 Large, fixed hull ports**

“T” GALLEY (3 cabin version)

- **Large, t-shaped galley** to starboard of entryway allows 2 people to cook comfortably
- **Solid counter tops**
- **Double stainless steel sinks** with covers
- **Chrome mixer tap**
- **Large utensil drawer** forward with storage below and room for optional equipment
- **Soft-close, fully-extending drawers**
- **Deep storage locker** aft with sliding plastic storage bin
- **Sliding waste bins** with multiple compartments for selective sorting and recycling
- **Upper storage cabinets** with storage and space for optional microwave
- **2 Burner stove** and oven
- **175L fridge** with top access, 12v compressor
- **80L icebox** with top access (optional freezer compressor)
- **Stainless steel handrail** in front of stove
- **Opening port** above stovetop for ventilation

LONG GALLEY (4 and 5 cabin versions)

- **Long galley** to starboard of entryway
- **Solid counter tops**
- **Double stainless steel sinks** with covers
- **Chrome mixer tap**
- **Storage compartments** with drawers and doors between the galley and the companionway
- **Soft-close, fully-extending drawers**
- **Lower storage compartments** for utensils
- **Sliding waste bins** with multiple compartments for selective sorting and recycling
- **Upper storage cabinets** with storage and space for optional microwave
- **2 Burner stove** and oven
- **175L fridge** with top access, 12v compressor
- **80L icebox** with top access (optional freezer compressor)
- **Stainless steel handrail** in front of stove

NAVIGATION STATION

- **Navigation station** located to port behind the saloon
- **Chart table with leatherette worktop** with 2 opening compartments, space designed for laptop computer
- **Large storage space** under electrical panel for books and other navigation equipment
- **Bookshelf** under table with plexiglas dividers
- **Chart reading light** with red night-time vision mode
- **Backlit main 12v panel** with displays for monitoring battery and tank levels
- **Dedicated space for optional equipment panels**
- **Location of TV ,VHF, DVD** player and other optional equipment

CABINS

OWNER'S STATEROOM FORWARD

- **Double berth** with high-density foam mattress
- **Extra wide cabin door** for easy access (56cm)
- **Large hanging locker** with shelves
- **Additional hanging locker** to port
- **An office/vanity area** with leatherette desktop, mirror and storage area with light
- **Movable stool** for office/vanity area
- **Pneumatically-assisted opening storage cabinets** under side deck
- **Led reading lights**
- **Overhead led lighting**
- **Indirect led lighting** (option) under upper storage cabinets
- **Full-length mirror**
- **Handrail** with leather wrap
- **3 Opening deck hatches** for light and ventilation
- **2 Fixed hull ports**
- **2 Large storage drawers** under berth
- **Night tables** with leatherette lining

- **Large en-suite compartment with:**

- Solid surface countertop and moulded sink
- Access to through-hulls and plumbing connections under sink
- Storage cabinets
- Deck hatch to provide light and ventilation
- LED overhead lighting and task lighting
- Standing shower separated by a plexiglas door (option)
- Shower drain with switch
- Marine toilet with manual pump
- Mirrors
- Clothes hook and towel bar

TWIN FORWARD GUEST CABINS

(Symmetrical to port and starboard with removable bulkhead)

- **Double berth** with high-density foam mattress
- **Storage for removable bulkhead** between cabins under berth
- **Storage lockers** under berth
- **Hanging locker**
- **Storage lockers** under sidedeck
- **Led overhead lighting**
- **Opening deck hatch**

- **Washrooms:**

- (Symmetrical to port and starboard)
- Solid surface countertop with moulded sink
- Access to through-hulls and plumbing connections under sink
- Storage cabinets
- Opening hatch to provide light and ventilation
- LED overhead lighting and task lighting
- Shower
- Shower drain with switch
- Marine toilet with manual pump
- Mirrors
- Clothes hook and towel bar

TWIN AFT GUEST CABINS (Symmetrical to port and starboard)

- **Double berth** with high-density foam mattress
- **Hanging locker**
- **Storage shelf** along hull
- **Night stand** above engine compartment

- **Storage shelf** along engine compartment
- **Led overhead lighting** and reading light
- **Fixed hull port**
- **Opening port** into the cockpit for ventilation
- **Fixed lateral window** in coachroof
- **Opening hatch**
- **Access** to tanks and technical equipment in central corridor

- **Washrooms:**

- En-suite compartments with day access from saloon (Symmetrical to port and starboard)
- Solid surface countertop with moulded sink
- Access to through-hulls and plumbing connections under sink
- Storage cabinets
- Opening port and fixed windows to provide light and ventilation
- LED overhead lighting and task lighting
- Separate shower compartment with plexiglas door (option)
- Shower drain with switch
- Marine toilet with manual pump
- Mirrors
- Clothes hook and towel bar

LATERAL STARBOARD GUEST CABIN (3 AFT CABINS VERSIONS)

- **Two single, upper and lower bunks** facing opposite directions
- **Hanging locker**
- **Reading lights**
- **Storage compartment** under lower berth
- **Opening port** and fixed window for light and ventilation

SAIL LOCKER FORWARD

- **Access** via lockable deck hatch
- **Access ladder** in stainless steel
- **Space** for optional air conditioning unit for forward cabin

TECHNICAL

ELECTRICAL

- **Main electric panel** at navigation station backlit in a soft blue light, 12v plug, lcd display
- **12V circuit** for house and engine systems

- **12V for house bank**
 - 3 X 110 A/H 12v batteries (standard)
 - 2 X 110 A/H 12v batteries (optional)
- **12V for engine bank**
 - 1 X 110 A/H 12v battery (standard)
- **Engine alternator:** 80A
- **Battery switches:** in the aft cabin
- **12V plugs and 220V plugs** in each cabin, saloon, chart table and galley
- **LED and halogen interior lighting**
- **Courtesy lighting** under furniture in saloon (option for 3 cabin version only)

PLUMBING

FRESH WATER

- **Fresh water system** with high-pressure 12v pump (1 9l/min) inline filter and accumulator tank
- **2 Roto moulded water tanks** 385l tank under the forward berth and 230l tank under aft cabin berth
- **Tank manifold** with selector valves located behind saloon seating
- **Tank gauges** located at the electrical panel
- **40 L hot water heater** connected to engine heat exchanger and 220v electrical system
- **Hot and cold water shower** at the transom

RAW WATER

- **Shower pumps** with macerator function, activation of shower pumps via switch
- **Sinks and washbasins** drain directly overboard

WASTE WATER

- **Manual marine toilets** with large bowl
- **Roto moulded holding tank 80 l** located in aft port head
- **Non-smell white pvc hosing**

BILGE DRAINAGE

- **Each bilge pump has separate hosing** from sump to through-hull
- **Electric bilge pump** located outside of the bilge area with activation via float switch
- **Electric bilge pump** located in bilge area with activation via switch at electrical panel
- **Dual-action manual bilge pump** located in the cockpit

ENGINE

- **Yanmar 4JH4-TCE Sail Drive**
 - 75 HP / 55 Kw
 - 4-cylinder
 - Turbocharger
 - Engine alternator: 80A
- **Engine panel** throttle and display located near starboard helm

- **Sound insulation**
- **GRP engine bed and liner**
- **Compatible 360 docking**
- **3-Blade fixed propeller**
- **Exhaust system** roto moulded exhaust mixer with stainless steel exhaust fitting on hull
- **Ventilation system** extractor fan located in engine room
- **Ventilation vents** on transom
- **Roto moulded fuel tank** (240 l) located under aft cabin berth
- **Inline fuel/water separator**
- **Fuel gauge** at electrical panel

MISCELLANEOUS

- **2 Winch handles**
- **Owner's manual**
- **Manuals** from other equipment delivered onboard
- **Owner's bag**
- **Maintenance kit**

OPTIONAL EQUIPMENT

The Sun Odyssey 509 benefits from a comprehensive list of optional equipment that allows an owner to tailor the yacht to his needs.

TRIM LEVEL PREMIERE

- **STAINLESS STEEL CLEATS** x 6 replaces standard aluminium cleats
- **TACK POINT REINFORCEMENT** at stem head for attachment of asymmetrical spinnaker or code 0
- **LED NAVIGATION LIGHTS**
- **COOLING PLATE** installed in 80L icebox in galley with 12V compressor, "keel-cooler" heat exchanger for maximum efficiency
- **2 x 40 AMP BATTERY CHARGERS** for 12V battery banks to ensure rapid recharging at the dock or when using the generator
- **ADDITIONAL 12V HOUSE BATTERIES** consists of 2 x 110 A/h 12V batteries
- **ENTERTAINMENT CENTRE** for main saloon touchscreen DVD/CD/MP3 player with AUX input, 2 Bose® surround sound speakers in the saloon, 1 Bose® base unit and 2 waterproof exterior speakers located in the cockpit
- **3 BURNER COOKER AND OVEN** with grill function (replaces standard 2 burner cooker)
- **CURTAIN SET FOR WINDOWS PORTS AND HATCHES** insect screens for hatches
- **PLEXIGLAS SHOWER DIVIDERS** aft head (s) and forward owner's head

TRIM LEVEL PREFERENCE

- **Vertical stainless steel door** for fridge compartment
- **1 Harken 46.2 Electric winch** on the coachroof for halyards and control lines, 12v
- **Linear drive unit for aft platform** motorises raising and lowering platform
- **Dock water inlet** with pressure regulator. Allows the use of onboard systems without using water in the tanks when at the dock

PACKS

ELECTRONIC PACK

- **1 Transducer** for speed and depth in the hull
- **1 Wind sensor** at masthead
- **1 Raymarine st70 display** at starboard helm
- **1 Raymarine st70 display** on the cockpit table

PERFORMANCE PLUS PACK

- **Below deck genoa furler** with furling line led to cockpit
- **140% Genoa** triradial cut Mylar/taffeta X-Grid laminate in grey
- **Mainsail** full-batten, triradial cut Mylar/taffeta X-Grid laminate in grey
- **Hydraulic backstay adjuster** with linear ram
- **Long genoa tracks on side decks** with ball-bearing cars and control lines led aft to cockpit
- **Upgraded genoa winches** 70.2 self-tailing winches (note: electric winches remain in 60.2 size)
- **Folding propeller** Flex-o-Fold
- **Standing rigging** is Dyform discontinuous wire rigging
- **Running rigging** is low-stretch Dyneema

PERFORMANCE SELF-TACKING PACK

- **Self-tacking jib** triradial cut Mylar/taffeta X-Grid laminate in grey
- **Mainsail** full-batten, triradial cut Mylar/taffeta X-Grid laminate in grey
- **Hydraulic backstay adjuster** with linear ram
- **Track for jib** in front of the mast with ball-bearing car
- **Folding propeller** Flex-o-Fold
- **Standing rigging** is Dyform discontinuous wire rigging
- **Running rigging** is low-stretch Dyneema

MAST AND SAIL

- **Running rigging for asymmetrical spinnaker / code 0** includes:
 - 2 sheets
 - 1 halyard
 - 1 downhaul
 - Turning blocks for mast base and sidedecks

- **Running rigging for symmetrical spinnaker** includes:

- 2 sheets
- 2 guys
- 1 halyard
- Track and inboard end car for the front of the mast
- Blocks for running rigging
- Spinnaker pole that stores on the mast
- **Releasable forestay** for staysail (option not compatible with self-tacking jib)
- **Furling mast** aluminium mast with double spreaders (option not compatible with Performance packs)
- **2 Harken 60.2 Electric winches** located near helm consoles for genoa and mainsheets, 12V
- **Code 0** with continuous line furler and 2:1 halyard. Designed for light air use for beam and broad reaching. The sail is made of a Mylar/Aramid laminate
- **Windex 15**

DECK AND HULL

- **Teak battens on cockpit floor**
- **Teak deck**
- **Wooden rubrail** located just below deck edge
- **Painted hull** for colour selection see price list

EXTERIOR EQUIPMENT

- **Bracket for outboard motor** mounted on pushpit
- **Folding teak cockpit table** replaces GRP cockpit table with all the same functions
- **Composite steering wheels** black, replaces standard wheels
- **Bow thruster** 24V 11.5HP with separate 24V OPTIMA REDTOP battery bank

EXTERIOR CANVAS

- **Wide sprayhood** in Sunbrella®
- **Protective covers for steering wheels**
- **Protective cover for cockpit table**
- **Large 4 bow cockpit bimini** with viewing ports above each helm that can be folded back and out of the way when not in use.
- **Cockpit cushions** with closed-cell foam and covered in Sunbrella®

PASSERELLE AND LADDERS

- **Boarding ladder** for lifeline gates
- **Hydraulically operated gangway** on transom

ANCHORING AND DOCKING

- **Mooring kit** 4 braided dock lines 6 fenders
- **Anchoring kit** 25kg DELTA anchor with 40m of 12mm chain and 50m of line
- **Electric seawater washdown pump** 12V in anchor locker with hose and nozzle
- **Second windlass control** mounted cockpit table with chain counter

AIR CONDITIONING, HEATING AND GENERATOR

- **Cruisair® air conditioning** 44,000 BTU runs via shorepower or generator.
 - Main saloon - 16000 BTU
 - Forward cabin(s) - 16000 BTU
 - Aft cabin (s) - 12000 BTU
- **Eberspacher® circulating water heating system** 12,000W with outlets in all cabins and toilets
- **Generator** ONAN 6KW 220V 2400RPM its sound shield and located in a sound-shielded compartment in the transom, access via water-tight hatch
- **Solar pannels on coachroof** 2 x Solara 68W
- **Extra diesel storage tank 240 L** in lieu of one water tank
- **2000W inverter**
- Provides 230V power to onboard appliances and outlets

INTERIOR: SALOON

- **Convertible berth in saloon** with infill cushion for saloon table
- **2 Armchairs** in the saloon with lock down mechanism when underway
- **Folding de luxe table** in main saloon with bar and storage drawers in the fixed base (this table is not convertible into a berth)
- **Light oak laminate floorboards**

INTERIOR: CABINS

- **Mattress battens** for owner's cabin berth
- **Led indirect lighting** in forward cabin and saloon (only for version 3 cabin)

TOILETS

- **Quiet flush® electric heads** replaces standard head, available for each head compartment
- **Waste holding tanks** 85 l each, available for each head compartment

APPLIANCES

- **Microwave** installed in galley
- **Dessalator water maker** located under port side settee in saloon, operates on 12V and 220V for maximum efficiency, capacity 60 L per hour
- **Washer and dryer unit 220V** located bottom of hanging locker, capacity 5kg (non available in 4 and 5 cabin versions)
- **Dishwashing machine 220V** located in cabinet forward of galley (only for 3 cabin version and not compatible with additional fridge or wine cooler options)
- **Wine cooler** located in cabinet forward of galley (only for 3 cabin version and not compatible with additional fridge or dishwasher options)
- **Additional fridge** located in cabinet forward of galley (only for 3 cabin version and not compatible with wine cooler or dishwasher options)

AUDIO/VISUAL

- **26" LED TV** mounted at nav station, pivots to be visible from settee and latches when underway, connected to DVD player and bose® 2.1 Surround-sound system.
- **TV antenna** for mast mounting
- **LED TV in forward cabin 22"** with a **DVD/CD/MP3 player** and 2 stereo speakers

NAVIGATION

- **Raymarine e90w 9" chart plotter** display flush-mounted at starboard helm
- **Second raymarine e90w 9" chart plotter** display flush-mounted at port helm
- **Gps/tv interface** at chart table with keyboard to display and interact with navigation system (requires GPS and TV options)
- **Pc Interface At Chart Table** allows access to NEMA information via USB plug on a laptop computer
- **4Kw raymarine digital radome** and mast mount
- **Raymarine spx autopilot** control computer with integrated gyro compass and hydraulic autopilot arm connected directly to steering quadrant
- **Wireless autopilot control** Raymarine Smart controller
- **Vhf ray 55e with ais transponder** at the chart table

HEADROOM

Forward cabin	1,86 m
Aft cabin(s)	1,97 m
Companionway	1,98 m
Saloon	1,95 / 1,98 m
Galley	1,94 m



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