Sun Odyssey

449

NEW

SUMMARY

- SPECIFICATIONS
- KEY POINTS
- EXTERIOR
- INTERIOR
- SAILS
- CONSTRUCTION
- UPHOLSTERY
- ELECTRONIC PACKAGES

JEANNEAU

Prism Process

TECHNICAL INFORMATION

Overall length with bowsprit: .....13,76 m / 45' 1"
Overall length: ..... 13,34 m / 43' 9"
Hull length: ..... 12,99 m / 42' 7"
Waterline length: ..... 12,00 m / 39' 4"
Beam: ..... 4,24 m / 13' 10"

Displacement: ..... 9.640 kg / 21.253 lbs
Standard keel draft: ..... 2,20 m / 7' 2"
Shoal draft: ..... 1,60 m / 5' 2"

Cabins: .....2 / 3 / 4
Berths: .....4 / 6 / 8 + 2

Engine power: ..... Yanmar 54 Hp / 40 Kw*
Fuel capacity: ..... 200 l / 53 US gal
Water capacity: ..... 330 l / 87 US gal
Cold capacity: ..... 185 l / 49 US gal

Sail area:
- Standard ..... 91 m² / 979 Sq ft

CE Category: .....A10 / B11 / C12 Pers
Designers: ..... Philippe Briand - Jeanneau Design

** Optional Yanmar 57HP Common Rail engine available*

VERSIONS • LAYOUTS

Fixed keel version
Shoal draft version

2 cabins / 2 heads
3 cabins / 2 heads
4 cabins / 2 heads

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EXTERIOR

Innovative deck plan and sleek styling:

- Mainsheet led back to each helm: integrated lines make for a clean and safe deck layout
- Flush hatches
- Easy access to the sea via a fold-down transom

Completely re-designed sail plan choices can be ordered "à la carte" :

- Furling mainsail
- Performance mainsail
- 106% performance jib
- 140% performance genoa
- Self-tacking jib
- Code 0

INTERIOR

Interior design focused on volume

- Spacious saloon set off by indirect LED lighting
- Vast forward cabin with central island berth with desk and spacious forward head compartment
- Lots of light and ventilation from 8 hull ports and plenty of flush hatches and ports
- Forward visibility

> Optimised layouts:

- 4 cabin layout
- Each head compartment has a separate shower
- Lots of possibilities for personalisation (choice of flooring, fabrics and options)
- Plenty of standard equipment (windlass, shorepower, etc…)

DECK

Liferaft locker under cockpit floor

Space for a solar panel (option)

* Composite bowsprit for Code 0 / asymmetric spinnaker with integrated stainless steel bow roller

* Hinged door

Full width bathing plateform *

* New - Model year 2016

Long Harken traveller

Space for a solar panel (option)

Flush hatches

Tracks for standard genoa integrated into deck

Special curved flush hatch for maximum light, ventilation and forward visibility

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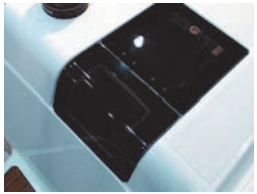
DECK (continued)

Large cockpit locker opens into sail locker (2 cabin version)

Large cockpit table with plenty of storage and place for a pivoting GPS mount

Curved plexi windows in aft cabins provide light



Twin-helm design to facilitate movement and comfort

Line storage lockers under helm seats keep helm station clear

All lines lead aft under coachroof

Primary winches near helm stations

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A TRULY MULTIPURPOSE BOWSPRIT

Better look:

- Modern and elegant
- Sculpted fiberglass part flows into hull lines

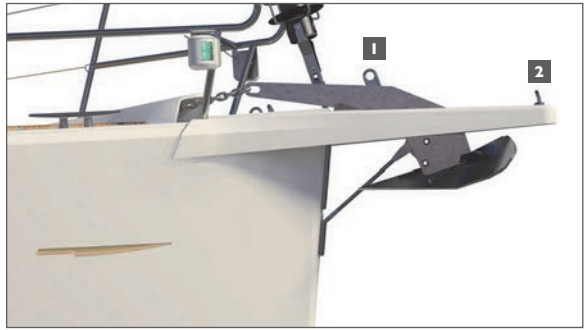
Better anchoring:

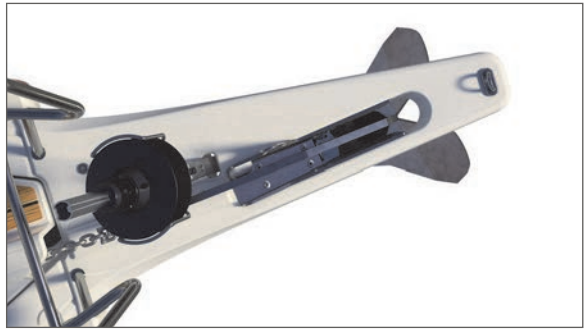
- Stainless steel anchor fitting is positioned further from the bow to ensure more clearance
- Anchor roller is closer to the centerline for easier anchoring and retrieval and less hunting when at anchor
- Fixed, metallic bobstay protects the bow and stays out of the way when anchoring

Better sailing:

1 - Reinforced attachment point for Code 0

2 - Additional tack point attachment at the end of the bowsprit for larger asymmetric spinnakers





INTERIOR LAYOUTS

2 cabins version / 2 heads

3 cabins version / 2 heads

4 cabins version / 2 heads

SALOON - GALLEY

Long saloon with L galley with a return that makes it safe and easy to use even when underway

Sofa

Multiple storage cabinets with fiddles

Optional pillow back rests *

Plenty seating around the table

Direct access to the hull and structure under the removable floorboards

Storage compartments under the seating

Gentle companionway *, and large engine compartment with highend insulation and numerous access panels

Upgrade table (option) with large surface, integrated bar transformable into double berth

* New - Model year 2016

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DELUXE SALOON TABLE

- 2 leaves in order to provide plenty of surface area
- Easily converted to a double berth
- Bar cabinet integrated into base
- Leather-wrapped handrail and central plateau

CHART TABLE

Designed for passagemaking

GALLEY

Drawers with soft-return latches

Lots of storage compartments and drawers

Glass splash guard protects seating area

Location of optional microwave

Magazine/chart holder

L galley includes double sinks in stainless steel, lots of counter space and a185 L fridge compartment with 12v refrigeration

FORWARD CABIN - 1 forward cabin version

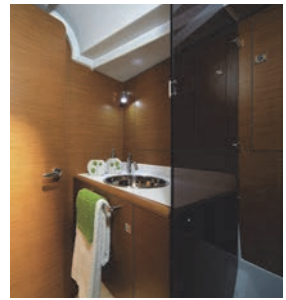
Large hanging locker with other storage compartments

Central Island berth

2 hull ports, 3 flush deck hatches for lots of light and ventilation

Storage shelves

Spacious head compartment with separate shower



Desk/vanity with leatherette-lined worktop

Ease access to the berth

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FORWARD CABIN - 2 forward cabins version

2 hull ports and an opening deck hatch provide light and ventilation

V-berth

Hanging locker and storage shelves

Lateral cabin with bunk beds and hanging locker and an opening deck hatch

AFT CABIN - 2 aft cabins version

Spacious aft cabins, each with double berth and large hanging locker

Each aft cabin has 1 opening hatch, 1 opening port, 1 hull port and a curved plexi port for light and ventilation

Head compartment with fully separate shower compartment with plexiglass door and lots of storage

AFT CABIN : 1 aft cabin version

Storage locker accessible from the head compartment, with drawers and bins

Head compartment with fully separate shower compartment with plexiglass door (Trim level) and lots of storage

Aft cabin has 1 opening hatch, 1 opening port, 1 hull port and a curved plexi port for light and ventilation

Spacious aft cabin with large hanging locker

SAIL AND RIG PLANS: Sails for every sailor

Select the sail plan that best fits your style :

- **High aspect ratio rig** for maximum performance while limiting the loads on the sheets.
- Inboard shrouds allow better trim angle on the genoa and keeps the side decks clear
- Choice of self-tacking jib, Performance sails in Mylar/taffeta, fully-battened or furling mainsail...
- **Code 0** offered as an option for sailing in light wind conditions

SPECIFICATIONS

BATTENED MAINSAIL :

- Dacron®
- Horizontal panels
- Stainless steel eyes
- UV-stabilised thread
- Draft stripe
- Radial reinforcements
- Adjustable leech line
- Loose-footed
- 2 reef points each with singleline reefing system

- **Area : 49,5 m²**

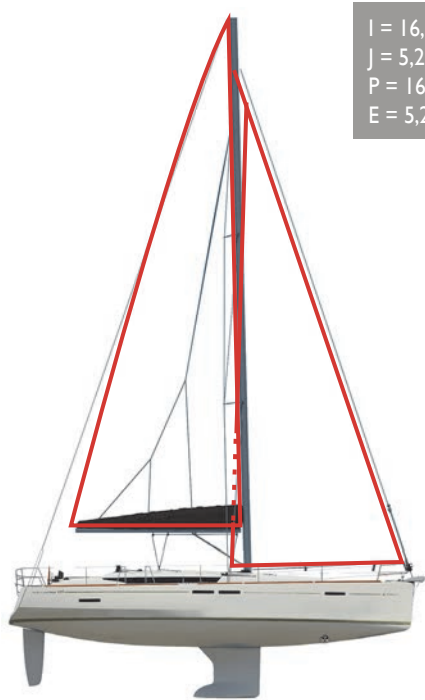
SHORT OVERLAPPING FURLING GENOA (106%) :

- Dacron®
- Horizontal panels
- UV-stabilised thread
- Webbing strap at head
- Bolt-rope for furler
- Anti-UV protection on foot and leech
- Draft stripe
- Webbing strap at tack
- Reefing marks
- Adjustable leech line
- Compatible with Smart Tacking

- **Area : 41,5 m²**

ADVANTAGES

- High-aspect rig for maximum performance
- Easy to handle sail plan
- Versatile and balanced sail plan at all sailing angles



MAINSAILS

PERFORMANCE MAINSAIL : 49,5 m²

FURLING MAINSAIL : 39,3 m²

FORESAILS

PERFORMANCE GENOA 106% : 41,5 m²

PERFORMANCE GENOA 140% : 54,7 m²

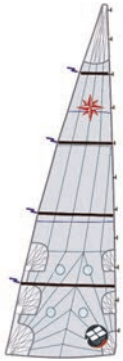
SELF-TACKING JIB : 35,3 m²

CODE 0 : 76,4 m²

SPECIFICATIONS

BATTENED MAINSAIL
full-batten Performance :

- Triradial cut
- Mylar/taffeta X-Grid fabric in grey colour
- Stainless steel eyes
- UV-stabilised thread
- Draft stripe
- Radial reinforcements
- Adjustable leech line
- Loose-footed
- Fibreglass battens
- 2 reef points each with singleline reefing system
- Replaces the standard mainsail
- **Area : 49,5 m²**



ADVANTAGES

- High-end sail cloth material means less stretch and better performance
- Powerful sail plan in light winds
- Tri radial cut ensures better sail shape and improved resistance to wear.

PERFORMANCE SAILS : MYLAR TAFFETA X-GRID

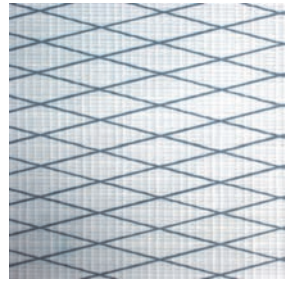
Working in collaboration with Dimension-Polyant and Technique Voiles, Jeanneau has developed a new Mylar Taffeta X-Grid fabric for the Performance range.

The triradial construction of the sail contributes to superior shape holding, but other forces can act on the individual panels. By using a specially-designed X-Grid® of fibres angled at 6° laminated into the fabric, better bias control can be achieved which makes the sail more resistant to deformation and aging.

The performance of these new fabrics provides a more stable sail cloth that is lighter, easier to handle, with better shape control over time.

These new Performance sails are easily recognisable; they include a taffeta laminate that is light grey that gives them a very "hi-tech" look.

1 - Protective taffeta
2 - Polyester film
3 - X-Grid® fibres
4 - Polyester scrim



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SPECIFICATIONS

FURLING MAINSAIL :

- Dacron®
- Horizontal panels
- UV-stabilised thread
- Radial reinforcements
- Draft stripe
- Adjustable leech line
- UV protection on clew
- Replaces the standard mainsail
- Included in furling mast option
- **Area : 39,3 m²**

ADVANTAGES

- Easy handling
- Quick furling of the sail
- Easy reefing
- Same height as the classic mainsail
- Compatible with any of the foresail options

SPECIFICATIONS

FURLING GENOA
106% Performance :

- Mylar/taffeta X-Grid fabric in grey colour
- Triradial cut
- UV-stabilised thread
- Webbing strap at head
- Bolt-rope for furler
- Anti-UV protection on foot and leech
- Radial reinforcements
- Draft stripe
- Webbing strap at tack
- Reefing marks
- Adjustable leech line
- Replaces the standard genoa
- **Area : 41,5 m²**

ADVANTAGES

- High-end sail cloth material means less stretch and better performance
- Balanced sail plan for all sailing angles
- Easy to use in all conditions
- Compatible with Smart Tacking

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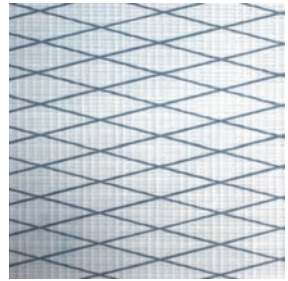

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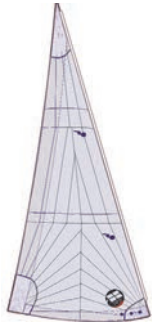
SPECIFICATIONS

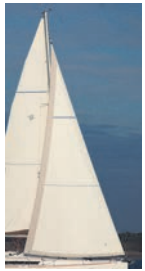
FURLING GENOA
140% Performance :



- Mylar/taffeta X-Grid fabric in grey colour
- Triradial cut
- UV-stabilised thread
- Webbing strap at head
- Bolt-rope for furler
- Anti-UV protection on foot and leech
- Radial reinforcements
- Foam luff
- Draft stripe
- Webbing strap at tack
- Reefing marks
- Adjustable leech line
- Replaces the standard genoa
- Requires deck hardware for large overlapping genoa
- **Area : 54,7 m²**

ADVANTAGES

- High-end sail cloth material means less stretch and better performance
- Powerful sail plan in light winds
- Tri radial cut ensures better sail shape and improved resistance to wear.



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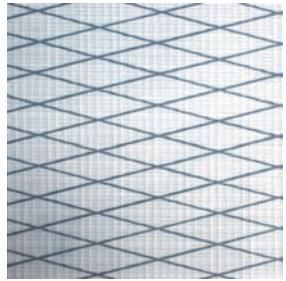

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SPECIFICATIONS

SELF-TACKING FURLING JIB :

- Mylar/taffeta X-Grid fabric in grey colour
- Triradial cut
- UV-stabilised thread
- Webbing strap at head
- Bolt-rope for furler
- Anti-UV protection on foot and leech
- Draft stripe
- Radial reinforcements
- Webbing strap at tack
- Adjustable sheet attachment
- Adjustable leech line
- Replaces the standard genoa
- Requires deck hardware for self-tacking jib
- **Area : 35,3 m²**

ADVANTAGES

- Hands-free tacking
- Great up-wind performance
- Perfect for short-handed sailing

PERFORMANCE SAILS : MYLAR TAFFETA X-GRID

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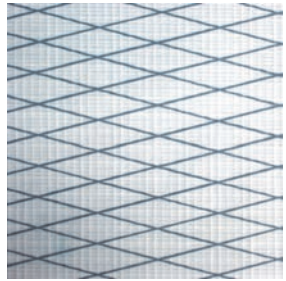

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SPECIFICATIONS

CODE 0
sur emmagasineur Selden :

- Laminate Mylar/Aramid X-Grid fabric in light grey
- Triradial cut
- Anti twist luff cord
- UV-stabilised thread
- Straps for sheet attachment
- Adjustable leech and foot lines
- Requires rigging for asymmetrical spinnaker / Code 0
- **Area : 76,4 m²**

ADVANTAGES

- A light wind sail designed for use between 60° and 120°
- Continue to sail when others have given up and turned on the motor
- Continuous line furler allows easy deployment and furling from the cockpit
- Ideal addition to boats with small overlapping jibs and self-tacking jibs

CODE 0: MYLAR ARAMID X-GRID

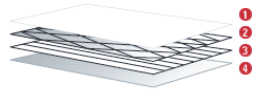
For the development of the new Code 0 sails on a continuous line furler, Jeanneau selected a sail cloth that is perfectly adapted for use in light airs. Highly resistant, light weight and able to be furled, the Mylar Aramid X-Grid has a light grey finish that is translucent.

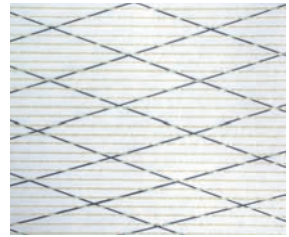
Unidirectional Aramid fibres, vacuum-bagged together between two polyester films, provide an unequalled resistance to weight ratio. This ultra light sail is easy to handle and fills with the slightest puff of wind.
Adding the X-Grid® polyester fibres at a 6° angle provides excellent bias control in all directions and improves sail shaping, as well as, resistance to tearing.

Lastly, a taffeta is added to the external laminate of the sail cloth to protect the sail from ultraviolet light and wear during furling or storage.

The Code 0 sails from Jeanneau integrate these high-performance materials to meet the exacting demands of our owners. In addition to these high-end materials, the look of these sails sets Jeanneau apart.

1 - Polyester film
2 - X-Grid® fibres
3 - Unidirectional Aramid fibres
4 - Protective taffeta





PRISMA PROCESS

Leader in vacuum bagging technology for the construction of racing boats, JTA developed an resin injection process applicable to the construction of cruising boats.

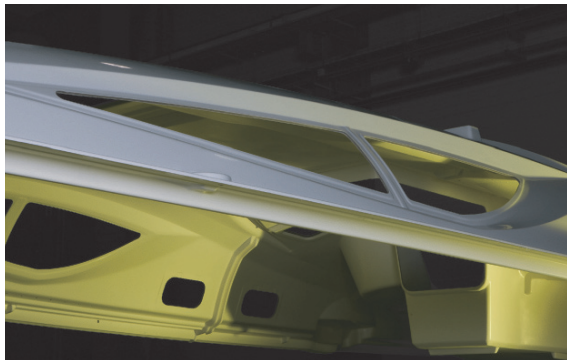
By using advanced engineering, precisely positioned layers of glass fabric and mat and specially developed core materials, Jeanneau is able to mould a deck to exacting tolerances.

Jeanneau's leadership in this domain gives it a substantial advantage over its competitors and ensures unequalled quality to the customer.

This 21st century technology allows Jeanneau to manufacture complex fibreglass parts with:

- Perfect finish on both sides (no need for a counter mould)
- Reduced weight (providing the sailboat better stability/performance)
- Increased strength and rigidity of the piece (quality of lay-up)
- Reduction by 90% of VOC emissions (environmentally-friendly)
- Optimum working conditions for the production team (no contact with resins/catalysts)
- High quality parts (precise control of gelcoat, core materials and resin injection)

The deck of the Jeanneau 54 is the largest mass-produced injection fibreglass part in the world.

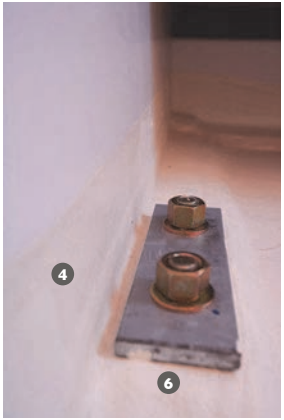


COUNTER-MOULDING

3rd generation hull structure

Jeanneau has long been known for strong and seaworthy boats. Today the technology of boatbuilding has evolved, but our commitment to this tradition has not wavered. The Jeanneau 3rd Generation Hull Structure combines the latest in fiberglass technology with modern yacht design to deliver a structural reinforcement perfectly adapted to the demands of the offshore sailor.

1. High-load zones cut-out for access to the hull
2. Integrated repair area at aft end of keel
3. Structure is precisely placed in the hull
4. Glued and relaminated to the hull for strength
5. Acts as a support for the floorboards
6. Keel bolts located near vertical members and through counter mould and hull
7. Limber holes at hull level for efficient drainage
8. Counter mould remains below level of floor-boards and is not visible



ALPI WOOD - FINETEAK

SALES POINTS:

Environmental:

- Ayous (Triplochiton scleroxylon - Sterculliacées) trees in managed forests of indigenous hardwoods are selected and cut, with a constant care given towards long term preservation of natural resources.
- Teak and other soft rainforest woods often come from geopolitically sensitive regions and are not managed in a sustainable way.

Quality:

- These ALPI wood panels are substantially more expensive and reliable than standard marine plywood. They are used by top of the line furniture manufacturers, as well as many exclusive super-yacht builders (for example Azimut and Ferretti only use ALPI wood).
- Consistency of finish and colors throughout the boat.
- Elimination of "defects" in wood panels.

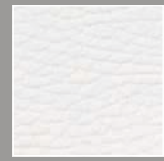
Durability:

- Harder finish that is more resistant to humidity
- Better resistance to UV
- Easier repairs as veneer is tinted through and through so clear varnishes can be used

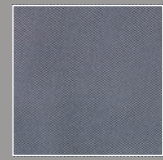
Ambiance "PURE WHITE"

SALOON

BACKRESTS & SEATS
▶ *Pure White*

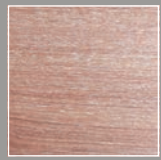


CURTAINS
▶ *Magnifico Pewter*



UPHOLSTERY leather/ leatherette ▶ *Chocolat*

FLOOR
▶ *Std: Light oak laminate*



▶ *Option: Laminate teak*

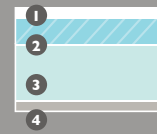
▶ *Option : Dark oak laminate*

Infill cushion for convertible berth in Linen

CABINS

SEAT
▶ *PVC Pure White*

BEDS
▶ *Premium mattress*



1- Removable mattress cover fabric with Ultra-Fresh® is anti-microbial,anti-bacterial and non-allergenic

2- Top: 40mm of High-Resilience foam

3- Base: 80mm of high-density polyether foam

4- Breathable fabric

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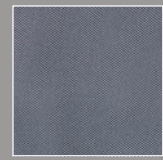
Ambiance «LINEN»

SALOON

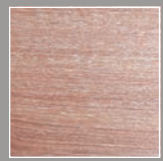
BACKRESTS & SEATS
▶ *Linen*

CURTAINS
▶ *Magnifico Pewter*



UPHOLSTERY leather/ leatherette ▶ *Chocolat*

FLOOR
▶ *Std: Light oak laminate*



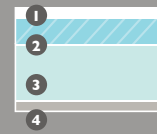
▶ *Option: Laminate teak*

▶ *Option : Dark oak laminate*

CABINS

SEAT
▶ *PVC Pure White*

BEDS
▶ *Premium mattress*



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3- Base: 80mm of high-density polyether foam

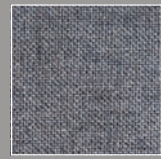
4- Breathable fabric

Infill cushion for convertible berth in Linen

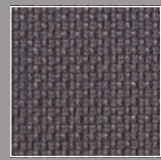
Ambiance "LOFT"

SALOON

BACKRESTS
▶ *Mega chinchilla*

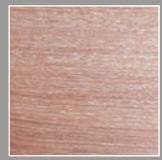


SEATS
▶ *Tudor graphite*



UPHOLSTERY
leather / leatherette
▶ *Chocolat*

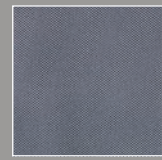
FLOOR
▶ *Std: Light oak laminate*



▶ *Option: Laminate teak*

▶ *Option : Dark oak laminate*

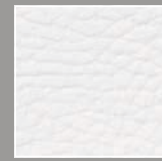
CURTAINS
▶ *Magnifico Pewter*



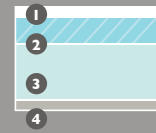
Infill cushion for convertible berth in Linen

CABINS

SEAT
▶ *PVC Pure White*



BEDS
▶ *Premium mattress*



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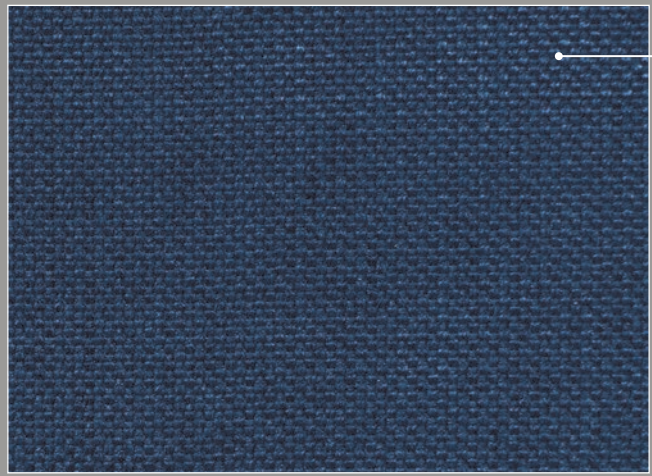
3- Base: 80mm of high-density polyether foam

4- Breathable fabric

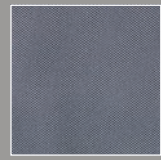
Ambiance "INDIGO"

SALOON



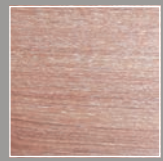
BACKRESTS & SEATS
▶ *Indigo*

CURTAINS
▶ *Magnifico Pewter*



UPHOLSTERY leather / leatherette ▶ *Chocolat*

FLOOR
▶ *Std: Light oak laminate*



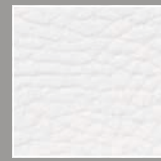
▶ *Option: laminate teak*

▶ *Option : Dark oak laminate*

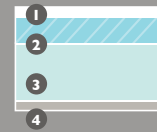
Infill cushion for convertible berth in Linen

CABINS

SEAT
▶ *PVC Pure White*



BEDS
▶ *Premium mattress*



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4- Breathable fabric

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Ambiance "SILVER"

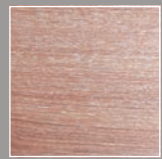
SALOON

BACKRESTS & SEATS
▶ *Silver*

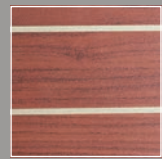
CURTAINS
▶ *Magnifico Pewter*

UPHOLSTERY leather / leatherette ▶ *Chocolat*

FLOOR
▶ *Std: Light oak laminate*



▶ *Option: laminate teak*

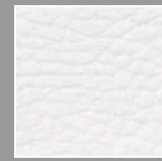


▶ *Option : Dark oak laminate*

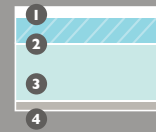
Infill cushion for convertible berth in Linen

CABINS

SEAT
▶ *PVC Pure White*



BEDS
▶ *Premium mattress*



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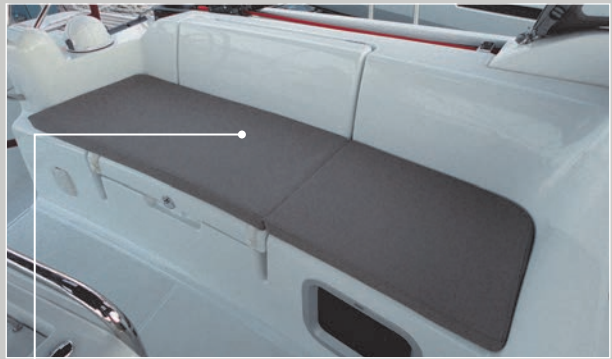
EXTERIOR UPHOLSTERY

SPRAYHOOD PROTECTION BIMINI / LAZY BAG

▶ *Sunbrella taupe*

COCKPIT CUSHIONS



▶ *Sunbrella sling taupe*

B&G

ELECTRONIC PACK

T41 Triton
- Displays position, loch, speed, heading, depth, temperature, wind and pilot

PORT STARBOARD

508 Wind Sensor

DTS800 Speed/Depth/ Temp Transducer

OPTIONAL WIFI

WIFI-1: Wireless Module
- Free "GoFree" application to view/ control the MFD available from web

OPTIONAL REMOTE

WR10 Autopilot Wireless Remote

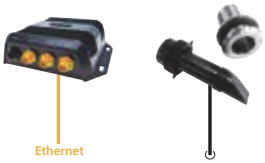
OPTIONAL BROADBAND

Broadband Radar 4G

OPTIONS

* OPTIONAL SONARHUB & FORWARDSCAN

SonarHub **ForwardScan**



OPTIONAL MFD COCKPIT (IN POD)

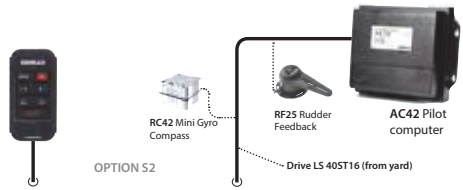
Zeus² 9" wide
- 9" LED Multifunction display
- Navionics regional cartography included (on SDcard)
- Integrated Pilot control (optional)

OPTIONAL VHF/AIS CHART TABLE

V50 AIS Radio

OPTIONAL AUTOPILOT STARBOARD

Triton Pilot Controller **Autopilot System**



* New - Model year 2016

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JEANNEAU