GRAND TRAULER

Froduct book



Grand Trawler 63

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Overview & DNA

Key USPs

EXTERIOR

Key points

Flybridge

Flybridge helm

Bathing Platform

Cockpit

Bow

INTERIOR

Key points

Salon

Galley

Helm Station

Lower deck

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Air heating

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THE TRAWLER RANGE Overview



The Grand Trawler 63 UX

Building on the core values of Beneteau trawler DNA, the Grand Trawler 63 then expands on this foundation by focusing on the combination of three key user experiences of slow speed, simple luxury with space & comfort.

SIMPLE LUXURY

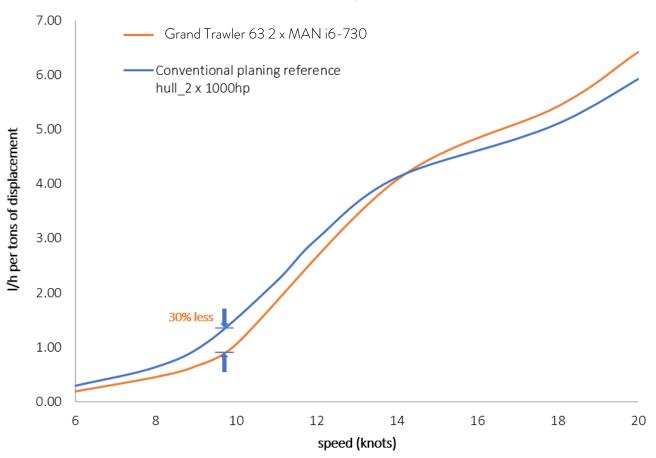
SLOW SPEED

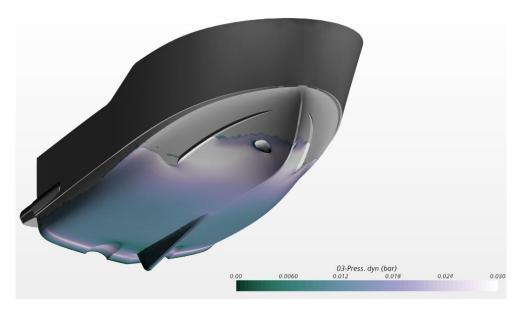


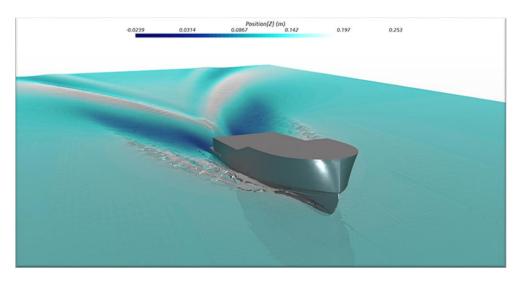


The UX: Slow speed

Fuel consumption







The UX: Slow speed

MICAD's naval architecture brief focused on long-range low speed comfort and seaworthiness in combination with optimum fuel efficiency. The maximum hull speed is just over 20 knots with economic cruising between 8 to 12 knots, which Swift Trawler customer feedback & research shows is the most common speed range.

Efficiency:

A full displacement hull at speeds up to the mid-teens is more efficient than a planing hull for the following reasons:

A full displacement hull form is designed to push water out of the way as efficiently as possible.

At 9 knots the Grand Trawler 63 hull requires 30% less fuel and 35% less engine power than an equivalent planing hull.

A planing hull is designed to "plane" over the surface of the water by lifting the hull up and reducing the wetted area and therefore drag on the hull. Pushing the hull out of the water to get to this "planing" state takes a lot of energy requiring more powerful engines.

From the graph you can see once the planing hull is above 14 knots and on the plane it uses less energy but in difficult sea states when you have to throttle back then re-apply power - this consumes more power than a displacement hull holding a steady speed.

The Grand Trawler 63 hull and drivetrain allows our clients to enjoy the journey with slow time taking in the experience of being at sea as well as the eventual destination.



The UX: Simple luxury



The UX: Space & Comfort







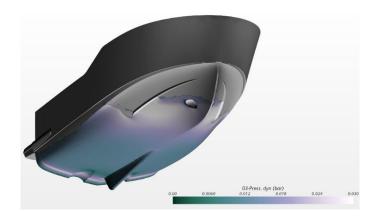
NAUTA's design brief builds on all of practical elements appreciated by our trawler customers and incorporates these into an elegant exterior that is respectful of trawler heritage and an interior that take's full advantage of the boats 5.45m beam overall and voluminous hull.

Worth noting is the fact the Grand Trawler 63 boasts an impressive internal volume of 235 cubic metres.

The key USP's

Full displacement hull

The 5.41 metre beam hull allows plentiful interior volume.



Handling:

The Grand Trawler hull features a fine entry bow to efficiently cleave through the water in addition under the flared bow there are bow spray deflectors to ensure sea spray is keep to the minimum. This fine entry bow then transitions into rounded bilge sections mishaps with a skeg keel to ensure directional stability and course keeping. Because a displacement hull with skeg keel sits "in" rather than "on" the water the effects of windage are reduced compared to a planing hull. Comfort on board can be further enhanced by the optional Quick gyro-stabilizer

Points against a competitor planing hull:

A "V"-shaped planing hull with chines has the following features which impact comfort on board. Firstly when the water hits the flat surfaces of the hull in certain sea states & speeds you can get slamming which makes for a noisy & uncomfortable ride. Secondly at anchor the intersection of the outboard chines to the waterline gives rise to what's called chine slap. If this intersection happens directly underneath a cabin it can lead to a disturbed nights sleep. The gently rounded "U"-shape full displacement hull of the Grands Trawler 63 does not suffer these issues.



Terrace to the sea





The transparent transom coaming with sliding port and starboard transom gates creates a seamless arrangement to connect the aft cockpit to the sea.

Most rival boats feature cockpit seating facing the patio doors – here the layout is orientated to enjoy the views over the water.

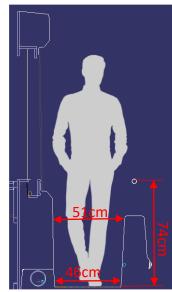


Safe and easy circulation

- Starting aft full width bathing platform stairs for easy handling of the dingy.
- Port & starboard transom gates
- Port & starboard bulwark gates
- Flybridge stairs from aft cockpit
- Flush floor from cockpit to aft saloon
- Plentiful overhead and bulkhead grabrails

- Portside galley side door
- Flybridge stairs from lower helm
- Central helm with great visibility
- Starboard side door from lowerhelm
- Slide & stow dinette table for comfortable passage making
- Wide & well protected symmetrical sidedecks







Choice of 3 or 4 cabin layouts





NOTES:

The port guest cabin and the port & starboard guest cabins in the four cabin layouts have bunk infills to create large double bed instead of singles when required.

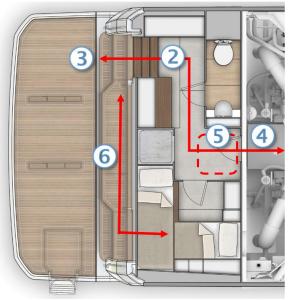
In addition the separate crew cabin aft further enhances the boats versatility.

Aft lazerette with dual use head

The duel use day head & separate shower cubicle easily access through gull-wing hatch on portside offer a great amenity under the aft cockpit for swimmers and sunbathers to use rather than having to walk to the port guest head in the lower accommodation forward. Also note the sensible access to the engine room through the lazerette passageway.

- 1. Primary entrance to Lazerette / Crew / Engine room access is gull-wing hatch located on portside of transom*.
- 2. Steps from hatch down to lazerette with handrail on bulkhead*.
- 3. Route to engine room.
- 4. Engine room door in aft engine room bulkhead*.
- 5. Secondary escape hatch in cockpit sole with ladder* on adjacent crew bulkhead. Allows access within cockpit during rough weather.
- 6. Transverse route to lazerette hatch. The full width transverse mid-step allows easy access to hatch even when the dingy is stowed on the bathing platform.







Tenderlift platform and flybridge crane



1. Tenderlift:

Max dingy weight (incl. engine & full fuel): 400kg

Max recommend dingy length: 3.25m

2. Flybridge crane:

Max wetbike weight (incl. engine & full fuel): 400kg



2 x MAN i6-730 engines with straight shafts

- The most economic fuel consumption in their class
- The best power to weight ratio in the market
- Full power is developed even in the low speed range
- Always low-vibration and quiet in operation
- Proven operational power in all weathers
- MAN engines fulfil all applicable exhaust-gas standards worldwide
- A worldwide service network

Normal first service: 400 hours / 12 months In addition because Monfalcone yard is MAN Gold approved installer the Grand Trawler 63 gets in standard the full MAN 5 year warranty (3 years warranty / 2 years on dedicated components).

1. RECOMMENDED OPTION: AVENTICS JOYSTICK This integrates engines with Sleipner bow & stern thrusters (both giving 300kgf thrust)



Sleipner Electric Vector Fin Stabilizers

- Stability using Vector Gen 3 fins with electric motors
- +50% less power consumption than gyro
- No wait time
- 360° fin rotation with "on anchor" mode









XENTA Electric Steering

The X-STEER system by XENTA is an advanced marine steering technology that uses CAN-BUS communication, eliminating hydraulic lines and the risk of oil leaks by relying on mechatronics. It provides a precise and responsive steering experience, similar to that of a car.

Key features:

- Haptic: sensors interpret the helmsman's commands to execute optimal turns.
- Active: the system adjusts wheel resistance and revolutions based on speed and conditions, improving maneuverability at low speed and precision at high speed.
- Self-centering: the wheel automatically and safely returns to center after high-speed turns.
- Autocourse: maintains the boat's heading by learning the helmsman's movements, without being a traditional autopilot.
- Electronic Tie Bar: independently controls the two rudders, optimizing their angle according to speed and sea conditions.

Result: perfect turns, optimal stability, increased responsiveness, and reduced speed loss during maneuvers.





GRAND TRAULER



KEY POINTS

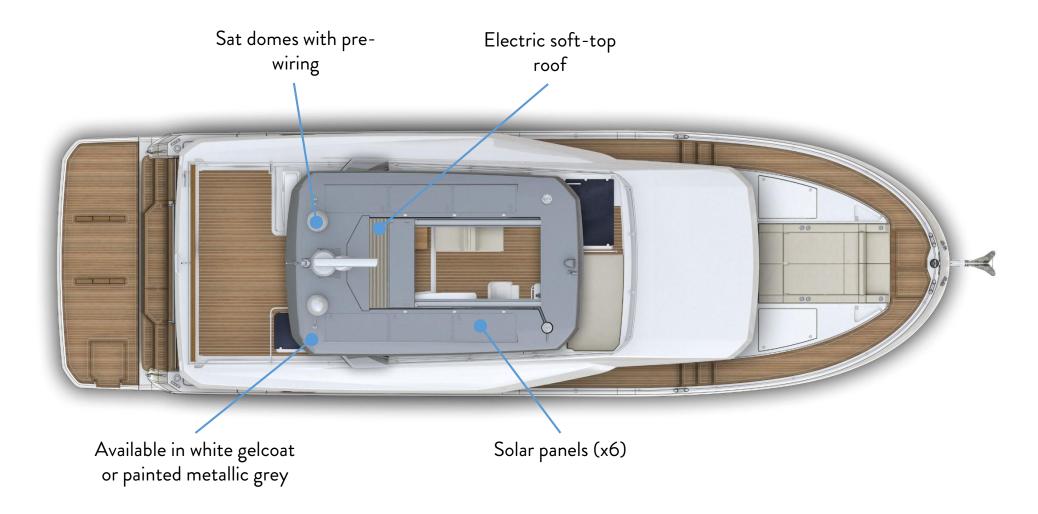


EXTERIOR KEY POINTS

EXTERIOR KEY POINTS

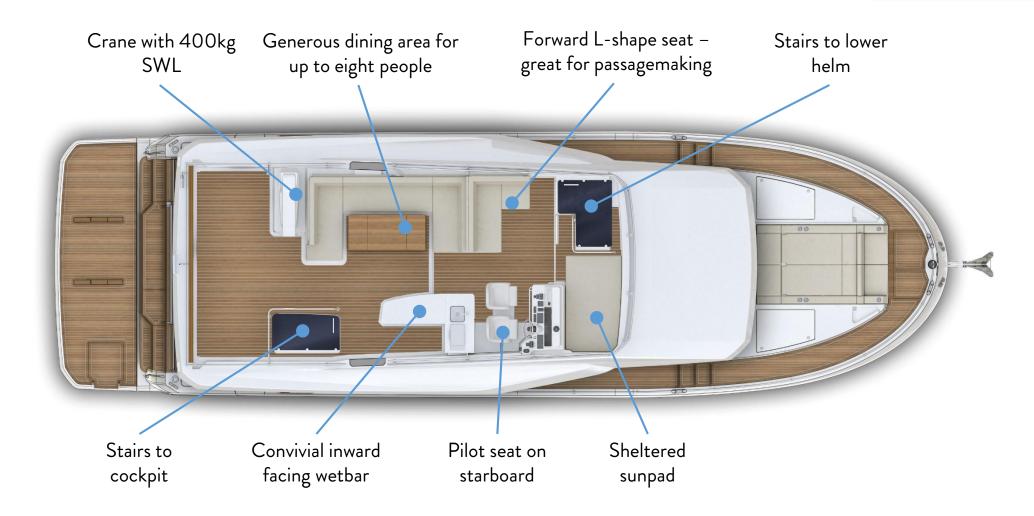




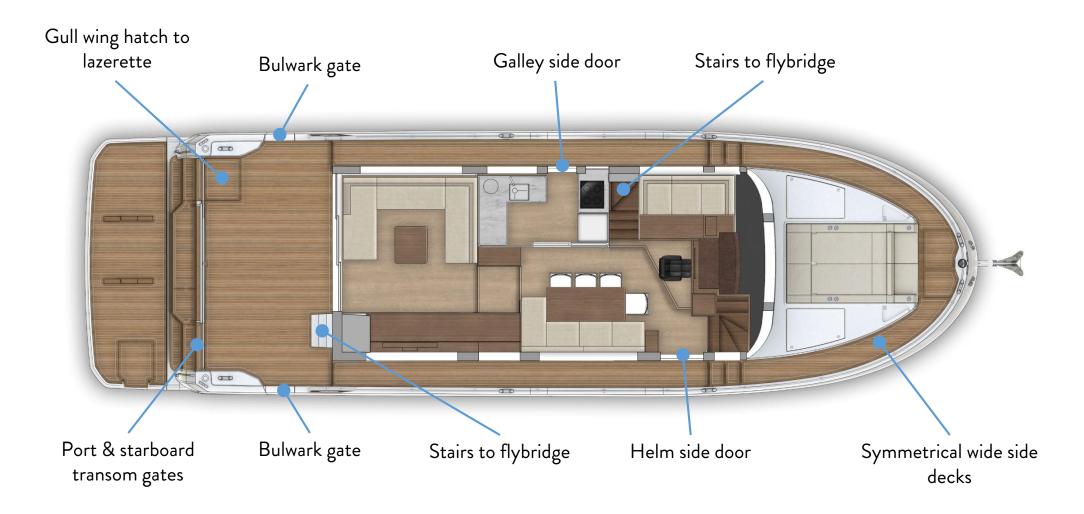


FLYBRIDGE T-TOP

EXTERIOR KEY POINTS



FLYBRIDGE Optional crane & co-pilot seat



MAIN DECK - EASY CIRCULATION



3*16" Garmin Displays (pack electronic upgraded)

EXTERIOR KEY POINTS

Transverse step allows easy access when platform deployed and it's a nice place to sit



Transform steps give easy access to deployed platform

Bathing ladder with teak treads and swimming pool handles

Tenderlift with 400kg SWL and folding dingy chocks



2 large fender and mooring lines storages



Large sunpad with adjustable backrest
Bow sun awning option

Bow facing bench functionnality

Large sidewalk access from both sides

BATHING PLATFORM FEATURES



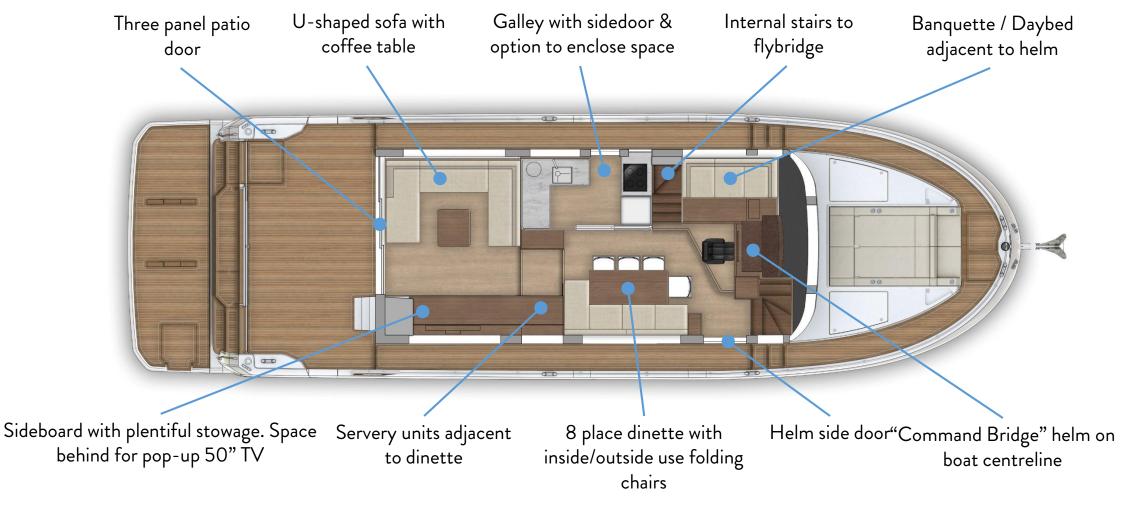


UNIQUE "TERRACE TO THE SEA"

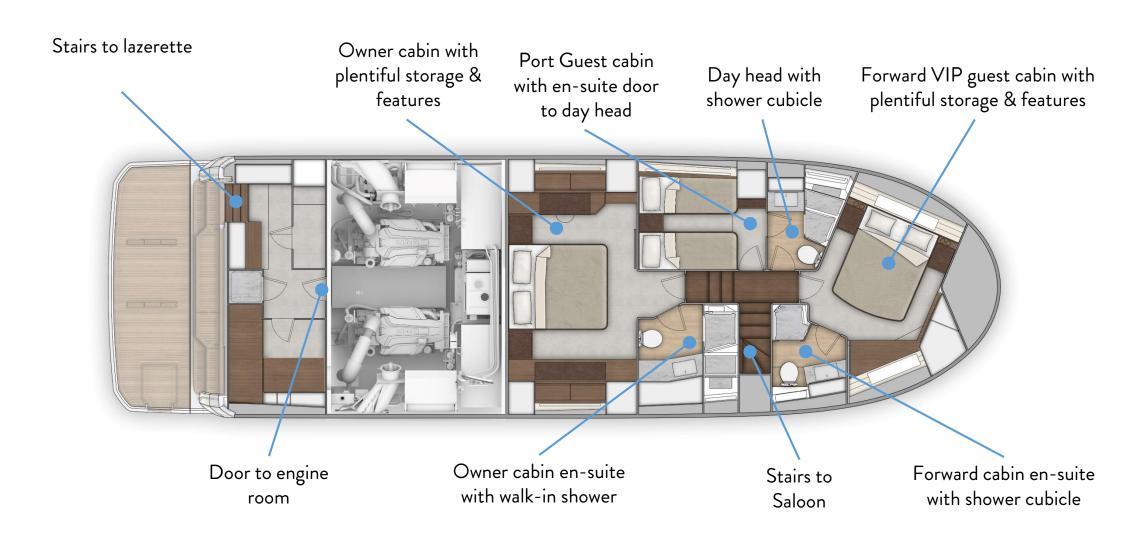
Connecting the saloon and cockpit to the water



INTERIOR KEY POINTS



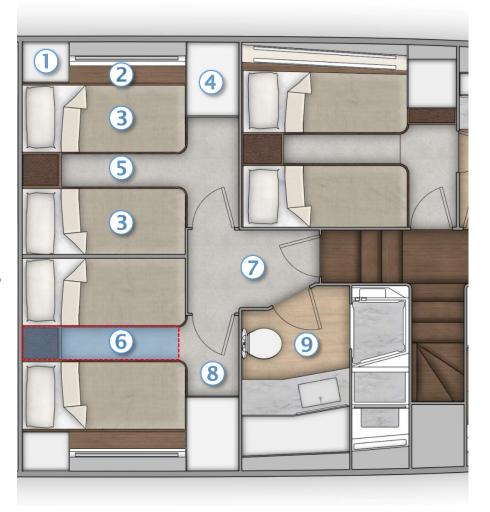
MAIN DECK



LOWER ACCOMMODATION PLAN - 3 CABIN LAYOUT

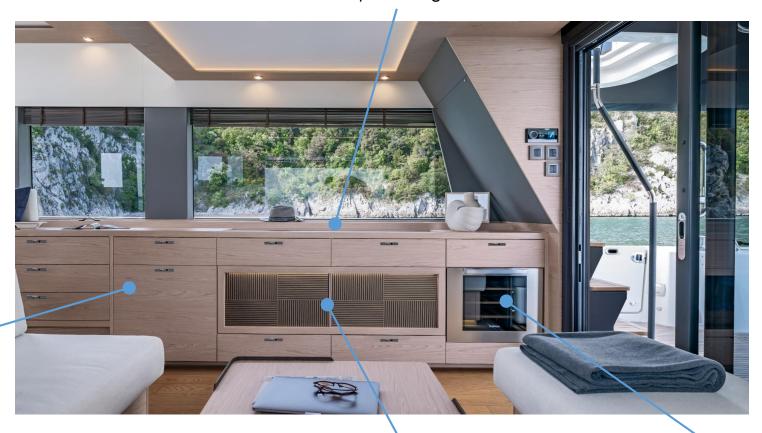
INTERIOR KEY POINTS

- 1. Aft shelving locker
- 2. Stowage boxes under hinging lids
- 3. Mattress 200cm x 75cm (all four mattresses the same size). Stowage under inboard & outboard berths
- 4. Wardrobe
- 5. Passage between berths 34cm
- 6. Both cabins are provided with mattress infills to make up double bed (infill stows under berth)
- 7. Private lobby for increased privacy for these cabins
- 8. Headroom 2 metres
- 9. Spacious shared bathroom



LOWER ACCOMMODATION PLAN - 4 CABIN LAYOUT

Space for 50"TV Lift with pre-wiring



Space for 95L drawer fridge



"Chequer pattern" marquetry doors in standard

Space for 23 bottle wine cellar

Galley can be fully enclosed with sliding door and inboard glass sliding hatch

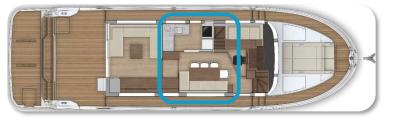
Table top slides outboard to reveal handrail when not in use



Crockery stowage

Dining area for up to eight people

Under dinette stowage for folding dining chairs



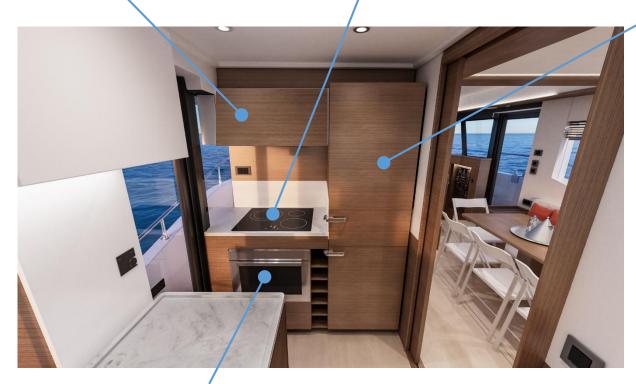
DINING AREA FEATURES

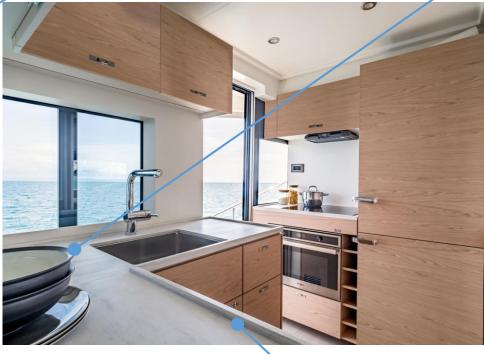
Cooker hood

4 Burner induction hob

Galley Fridge (198L) & Freezer (57L)

Top loading bin





Multi-function microwave oven (40L)

Space for dishwasher



GALLEY FEATURES STORAGE LOCKERS & DRAWERS

3*16" "Floating" MFD Garmin screens (pack electronic upgraded)



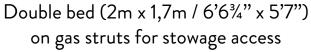


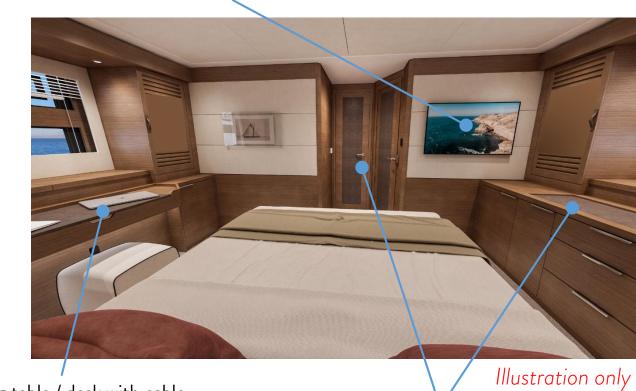
Louvred doors (In standard)

Panoramic hull windows

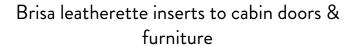
Space for 50"TV & pre-wiring







Dressing table / desk with cable management and stowage for laptop

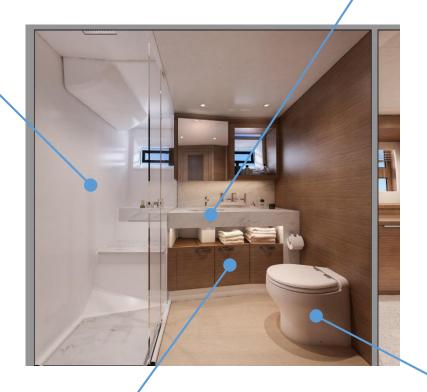




OWNER'S CABIN - 3-cabin layout Plentiful cupboard and drawer stowage

Shower cubicle with seat & rain shower

Corian work surfaces with Villeroy & Boch porcelain basin



Generous cupboards with towel stowage above

Tecma electric toilet can be specified with bidet function



OWNER'S HEAD COMPARTMENT - 3-cabin layout

Space for 32"TV on swing arm with pre-wiring

Louvred doors

Panoramic hull windows





Double bed (2m x 1,55m / 6'6%" x 5'1") on gas struts for stowage access

Generous cupboard space



VIP CABIN - 3-cabin layout

Corian work surfaces with Villeroy & Boch porcelain basin

Tecma electric toilet can be specified with bidet function

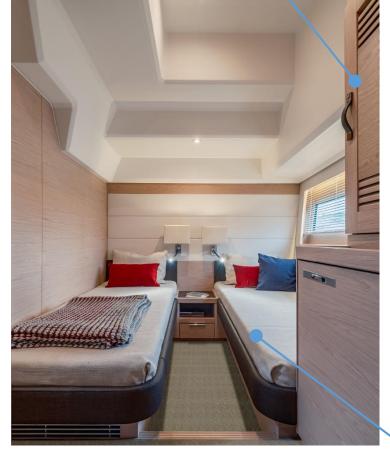


Generous cupboards with towel stowage above

Shower cubicle



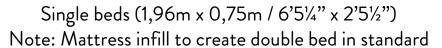
VIP CABIN HEAD - 3-cabin layout



Panoramic hull windows



En-suite door to port head

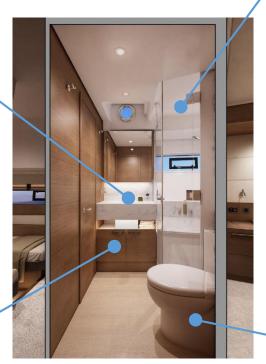


PORT GUEST CABIN



Corian work surfaces with Villeroy & Boch porcelain basin

Shower cubicle



Generous cupboards with towel stowage above

Tecma electric toilet can be specified with bidet function



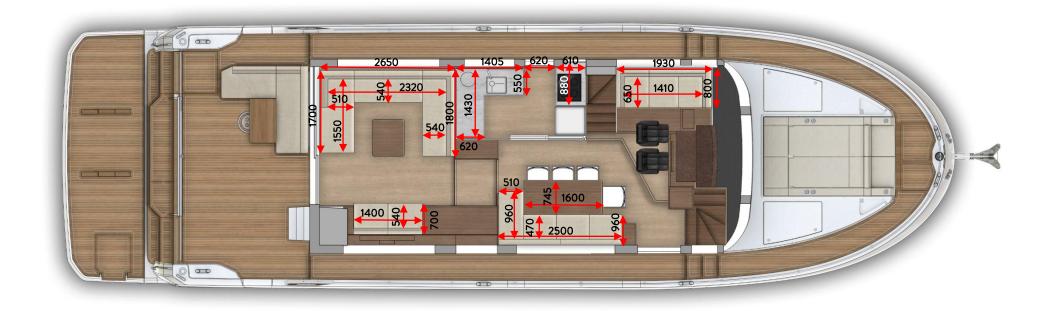
PORT CABIN / DAY HEAD

TECHNICAL INFORMATION

Dimensions



Dimensions



Electrical & 12v outlets



Electrical & 12v outlets



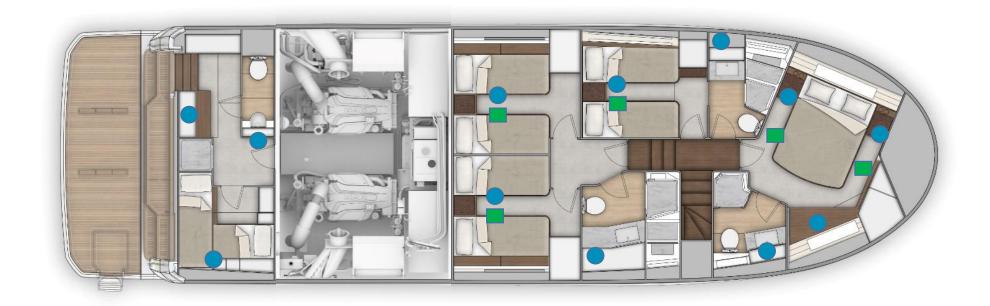
AC socket

Electrical & 12v outlets (3 cabins)



AC socket

Electrical & 12v outlets (4 cabins)



AC socket

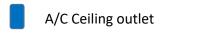
A/C Ceiling outlet

AIR CONDITIONING SPECS

A/C Ø75mm outlet

A/C Ø75mm ceiling outlet

A/C wall outlet 1 x 36000BTu (TROPICAL) 1 x 36000BTu (TROPICAL) 1 x 24000BTu (MED) 1 x 24000BTu (MED)

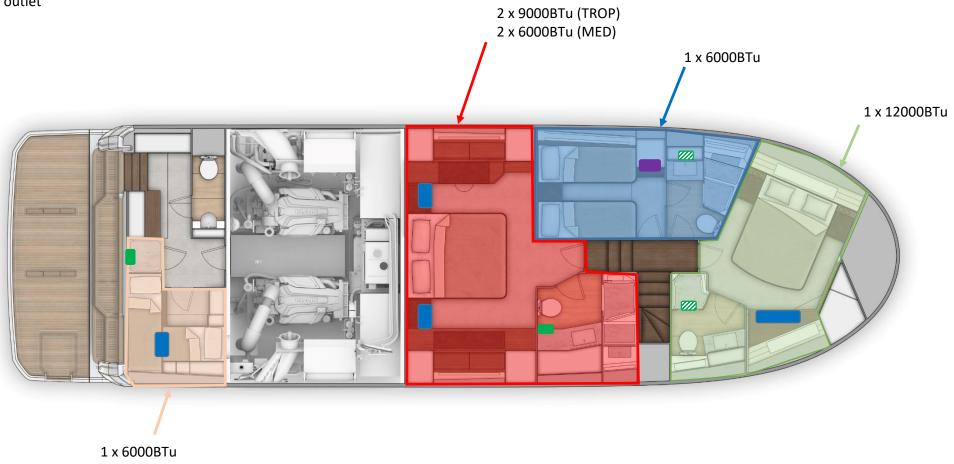


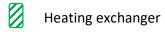
AIR CONDITIONING SPECS

A/C Ø75mm outlet

A/C Ø75mm ceiling outlet

A/C wall outlet





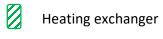
HEATING SPECIFICATIONS

A/C Ø75mm outlet

Webasto diesel heating 23KW max output

A/C wall outlet





HEATING SPECIFICATIONS

A/C Ø75mm outlet

Webasto diesel heating 23KW max output

A/C wall outlet





Direct light





Direct light



Courtesy light





Direct light



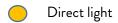
Courtesy light



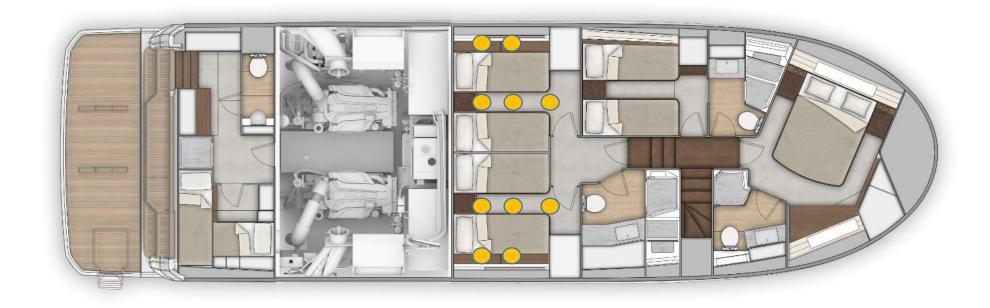
Indirect LED strip





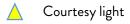


Courtesy light







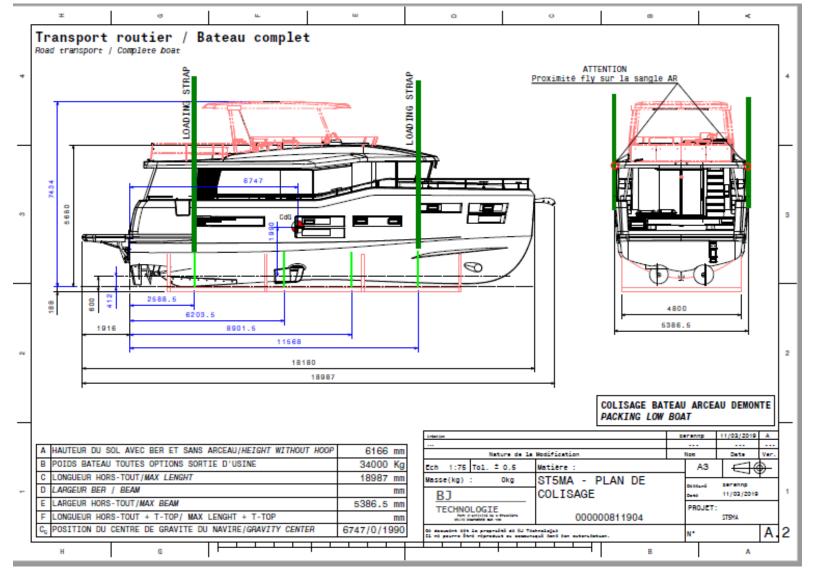




TECHNICAL

* PDF version available on the prowebsite

Shipping Dimensions



Performance

	210219 - ST5MA#1 - PROPELLER RADICE S9-90 750x730 - 39,1T					
	Caractéristiques / Specifications:					
	MAN i6-730 2 x 730 CV/HP Diesel (2 x 544 kW) ROPELLER RADICE S9-90 750x730					
	Déplacement total du bateau testé / Total displacement of boat tested: 39,1T / 85980 LBS					
Regime en tours par minute au tableau de bord / RPM on instrument panel	Vitesse en nœuds moyenne au radar / Average speed on the radar in knots	Consommation en litres par heure total / consumption in liter per hour total	Rendement / Efficiency (NM/L)	Consommation totale en USGal / heure Total consumption in GPH	Rendement / Efficiency (NWUSGal)	Autonomie en NM (avec réserve 10%) /Range in NM (with 10% fuel supply)
600	5	7	0,71 NM	1,8 USGal	2,7 NM	2487,86 NM
800	7,1	20	0,36 NM	5,3 USGal	1,3 NM	1236,47 NM
1000	8,2	24	0,34 NM	6,3 USGal	1,3 NM	1190,03 NM
1140	9	30	0,30 NM	7,9 USGal	1,1 NM	1044,90 NM
1200	9,4	36	0,26 NM	9,5 USGal	1,0 NM	909,45 NM
1400	10,5	60	0,18 NM	15,9 USGal	0,7 NM	609,53 NM
1600	11,5	88	0,13 NM	23,2 USGal	0,5 NM	455,16 NM
1800	12,9	126	0,10 NM	33,3 USGal	0,4 NM	356,59 NM
2000	14,9	168	0,09 NM	44,4 USGal	0,3 NM	308,91 NM
2200	16,9	210	0,08 NM	55,5 USGal	0,3 NM	280,30 NM
2300	17,7	228	0,08 NM	60,2 USGal	0,3 NM	270,39 NM
2392	20,1	264	0,08 NM	69,7 USGal	0,3 NM	265,18 NM