



STEALTH 540 FlyBridge Standard Specification



SPECIFICATIONS:

Designer:	STEALTH yachts and Prof. G Hoppe	
Overall Length Including Pulpit:	16.6M	54.5ft
Overall Length Excluding Pulpit:	16.2M	53.2ft
Waterline Length:	13M	42.7ft
Beam:	5.5M	18ft
Draft: Maximum Load	1.27M	4.2ft
Displacement: Lightship	18 480Kg	40 740lbs
Displacement: Maximum Load	22 380Kg	49 340lbs
Water Capacity:	430 Liters	113 US Gal
Fuel Capacity:	1 750 Liters	460 US Gal
Engines:	MAN R-6 800HP x 2	
Propulsion:	Integrated Surface Piercing Propulsion System	
Maximum Speed:	45 Knots (Lightship Calm Sea and Wind Conditions)	
Range at 35 Knots:	360 Nautical Miles (Lightship Calm Sea and Wind Conditions)	
Cruising Speed:	35 Knots	
Berths: Charter Layout:	4 Queen-en-suite, 1 Single en-suite (Crew)	
Berths: Owners Layout:	1 King (Master) en-suite, 2 x Queen en-suite, 1 Single en-suite (Crew)	

HULL DECK AND BULKHEADS

- Antifouling over epoxy based osmosis barrier
- Closed cell PVC foam core, vacuum bonded for stiffness, strength and minimal weight
- Fore and aft hydrofoils, **HYSUCAT**
- Forward water tight compartments
- Hand laid-up GRP construction using multi layers of Quadraxial glass roving, vinylester resin and other highest-grade material.
- Marine ply and foam core on critical structure bulkheads for added strength and stiffness

DECK FITTINGS:

STAINLESS STEEL, Grade 316

- Grab rails on deck
- Pennant/code flag staff
- Rub rail
- Stanchions and Guard Rail
- Swim ladder

DECK EQUIPMENT

- Electric Windlass: 1
- Stainless Steel mooring cleats: 10

PLUMBING:

- Bilge pumps: Automatic electric: 4
- Bilge pumps: Manual: 2
- Black water systems and Holding tanks
- Calorifiers (hot water system) 30 liter: 2
- Pressurized hot and cold deck shower
- Self draining cockpit

HATCHES AND WINDOWS:

- Foredeck access doorway
- GRP locker lids:
 - Cockpit Seat: 3
 - FlyBridge Seat: 4
 - Foredeck: 2
- Hatches: 9
- Port lights: 8
- Stainless Steel framed sliding door with side windows
- Tinted, laminated or toughened, glass windows

FLYBRIDGE:

- Access companionway from cockpit
- BBQ Module
- Cooler Module with molded sink
- FlyBridge Helm
 - BOSCH Mini Marex Electronic Marine Controls
 - Compass
 - Dual Rev Counters – Analog
 - Engine instrumentation and control panels
 - RAYMARINE Speed and Depth Display
 - TQM- Electronic Steering with Steering Wheel
- FlyBridge seating with lockers
- FlyBridge table
- Hard Top Bimini with lighting and rebate for enclosure
- Instrumentation Arch
- OPACMARE 6496 Fully Adjustable Helm seat: 1
- OPACMARE 6496 Guest Seats: 4
- Pressurized hot and cold water
- Stainless steel framed windscreen
- Sunning area

COCKPIT:

- Cockpit seating module with lockers
- Cockpit sunning platform
- Cockpit table
- Cockpit lighting
- Engine access hatches
- FlyBridge access steps
- Storage locker



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SWIM PLATFORM:

- Landing Platform for tender/Jet Ski
- Lockers for wet gear/scuba

ACCOMMODATION:

MAIN SALON

- ALCANTARA ceiling liners
- ALCANTARA upper wall liners
- CORIAN type and IZIT leather counter surfaces
- IZIT LEATHER upholstered lounge seating
- IZIT LEATHER upholstered upper level casual seating
- MANNINGTON flooring
- Metallic Shimmer GRP moulded finish to modules
- Standing height throughout 1,9M
- Storage in seating modules

GALLEY:

- Ceramic hob burners: 2
- Convection Microwave oven
- CORIAN type work surfaces
- Galley overhead lights
- MANNINGTON flooring
- Metallic Shimmer GRP moulded finish to modules
- Pressurized hot and cold water
- Stainless steel sink
- Stainless steel waste chute with cover
- VITRIFRIGO Drawer type Fridge and Freezer

FORWARD and AFT CABINS:

- Bed: King size in Master Cabin in Owners Layout
- Bed: Queen size in Charter Layout
- Cabin and reading lights
- CORIAN type counter surfaces
- En suite Head module
- IZIT LEATHER upholstered seating in Master Cabin
- Metallic Shimmer GRP moulded finish to modules
- Mirror behind cabin door
- Shelf space and hanging locker
- Single bed in Crew Cabin
- Storage drawer under Master and Aft beds

HEAD COMPARTMENTS:

- CORIAN type counter surfaces
- Electric toilets
- En-suite Heads
- Integrated shower grate and sump
- Mirror
- Shower with hot and cold water
- Stainless steel towel rail
- Vanity cabinet
- Wash basin
- White GRP molded finish to modules

SALON HELM STATION:

- BOSCH Mini Marex Electronic Marine Controls
- Compass
- Dual Rev Counters – Analog
- Engine instrumentation and control panels
- OPACMARE 6496 Helm (Fully Adjustable) and Co-Pilot Seats
- RAYMARINE Speed and Depth Display
- TQM- Electronic Steering with Steering Wheel
- VHF radio

ELECTRICS:

- Alternators for start batteries, 60A 24V: 2
- Alternators with SMART regulators, 70A 24V: 2
- Battery isolator switches
- Ceiling lights
- Cockpit lights
- Engine compartment lights
- Engine start batteries (12V): 4
- Navigation lights
- Outlets 110V:
 - Cabin each: 1
 - Engine room each: 1
 - Galley: 3
 - Heads: 1
 - Helm: 2
 - Settee: 1
- Ships load batteries (24V) gel - 600AH (6 x 200Ah batteries)
- Shore power cable socket 50A 110V: 1
- Start battery crossover connector
- VICTRON 3KW inverter and battery charger
- VICTRON battery monitor and management system

ENGINE AND TRANSMISSION EQUIPMENT:

- Engine room fire extinguishers
- High pressure fuel line
- High volume engine room blowers
- Hydraulic power steering controlled by TQM steering system
- Integrated Surface piercing propulsion system
- MAN R-6 - 800 Hp Engines
- Primary fuel filters
- Sound insulation
- Trolling Valve
- VEEM 5 x Blade Surface piercing propellers
- ZF 325A Angle gearboxes

MOORING GEAR AND GROUND TACKLE:

- 25Kg DELTA anchor
- 50M Hi test galvanized chain
- 50M nylon anchor type rode
- Anchor roller
- Dock lines and Fenders

SAFETY EQUIPMENT:

- Basic safety equipment:
 - Flare set
 - Life jackets: 10
 - Basic first aid kit

Delivered – Cape Town, South Africa