



STEALTH 520 RUV

Standard Specification



SPECIFICATIONS:

Designer:	STEALTH yachts and Prof. G Hoppe	
Overall Length:	15.5m	52ft
Waterline Length:	13m	42ft
Beam:	5.5m	18ft
Draft: Maximum Load	1.2m	3.9ft
Displacement: Lightship	16 650kg	36 700lbs
Displacement: Maximum Load	22 380kg	49 340lbs
Water Capacity:	430 liters	113 USG
Fuel Capacity:	1 750 Liters	460 USG
Engines:	MAN R-6 800HP x 2	
Propulsion:	Integrated Surface Piercing Propulsion System	
Maximum Speed:	48 Knots (Lightship, Calm Sea and Wind Conditions)	
Range at 37 Knots:	370 Nautical Miles (Lightship, Calm Sea and Wind Conditions)	
Cruising Speed:	37 Knots	
Layout:	Various Options	

HULL DECK AND BULKHEADS

- Antifouling over epoxy based osmosis barrier
- Closed cell PVC foam core, vacuum bonded for stiffness, strength and minimal weight
- Midship and aft hydrofoils, **HYSUCAT**
- Forward water tight compartments
- Hand laid-up GRP construction using multi layers of Quadraaxial 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

- Coachroof instrument stand 1
- Rub rail wrap around 1
- Side deck grab rails 2
- Transom boarding ladder 1
- Transom grab rail including flagstaff socket 1

DECK EQUIPMENT

- Electric Windlass: 1
- Stainless Steel side deck mooring cleats: 6
- Stainless Steel foredeck and transom mooring cleats 4
- Stainless Steel rub rail mooring cleats 4
- Windscreen wiper with fresh ware wash 1

PLUMBING:

- Bilge pumps: 4
 - Automatic electric 4
 - Manual 2
- Black water system: 1
 - 120 liter (32 USG) holding tank 1
 - Deck evacuation 1
 - Hull evacuation 1
- Fresh water system: 1
 - 25 liter (6.6 USG) water heater 1
 - Automatic water pressure pump 1
- Other: 1
 - Automatic grey water sump system 1
 - Deck and locker drainage throughout

HATCHES, DOORS AND WINDOWS:

- GRP locker lids, hinged and stayed: 1
 - Anchor locker hatch 1
 - Cockpit engine access hatches 4
 - Lockable foredeck hatches 2
- Other Hatches: 6
 - LEWMAR fixed portlights: 6
- Glazing: 1
 - Tinted, laminated or toughened, glass windows all round 1
- Doors: 1
 - OPACMARE main companionway sliding door 1

HELM STATION:

- HyDrive electric steering and steering wheel 1
- BOSCH Mini Marex digital controls 1
- Electrical management console 1
- MAN digital instrumentation panels 2
- RAYMARINE speed and depth instruments 1
- Magnetic binnacle compass 1
- VHF radio 1
- Visual and audible bilge alarms 1
- Windscreen wiper and horn actuator 1
- 230V or 120V electrical sockets 2
- OPACMARE leather adjustable helm seat 1
- Co-pilot seat 2

COCKPIT:

- Engine room air vents with covers 2
- Integrated rope lockers 2
- Transom boarding doors 2
- Lighting: 2
 - Floodlights 2
 - Courtesy lights 2
 - LED down lights 2

Safety:

- Integrated life raft lockers 2
- Stainless steel drink holders/grab rails 4



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ACCOMMODATION:

MAIN SALON

• Flooring:	
MANNINGTON industrial	
• General:	
110V or 230V electrical sockets	4
12V electrical sockets	2
ALCANTARA ceiling panels	5
CORIAN fiddles	2
GRP molded finish to modules	
Overhead luggage compartments	8
Waste bin	2
• Lighting	
Courtesy lights	4
Halogen down lights	14
LED overhead lighting string	1
• Safety:	
Portable fire extinguisher	1
Stainless steel ceiling grab rails	4
Stainless steel drink holders/grab rails	4
Stainless steel grab rails other	6
Stainless steel upright grab rails	4
• Seating:	
L-shaped, upholstered seating modules for 5 persons	4

GALLEY:

• Equipment:	
Convection Microwave oven	1
Drawer refrigerator	1
Stainless steel sink	1
• Flooring:	
White GRP with non slip pattern	
• General:	
110V or 230V electrical sockets	2
HIMACS work surfaces	
Lockers and stowage compartments	3
Carbon water filter	1
Pressurized hot and cold water	
• Lighting:	
Incandescent down lights	2

FORWARD STORAGE:

• Flooring:	
Industrial rubber	
• General:	
Access to electrical equipment locker	
Lockable access to hatch from foredeck	
Cargo compartments	
• Lighting:	
Incandescent down lights	4
Courtesy lights	3

HEAD COMPARTMENT:

• Equipment:	
Integrated basin	1
TECHMA electric fresh water toilet	1
Vanity locker with mirror	1
• Flooring:	
White GRP with non slip pattern	
• General:	
110V or 230V electrical sockets	2
HIMACS work surfaces	
Extractor fan	1
Portlight vanity shade	1
Pressurized hot and cold water	
Stainless Steel towel rail	

• Lighting:	
Incandescent down lights	2
Vanity light	

ELECTRICAL:

• Alternating Current 230V or 120V:	
Shore power system	1
Shore power deck fitting	1
Battery charger/inverter 5Kw/70A	1
Battery isolator switches	2
• Direct current:	
Engine start batteries 12V/150Ahr	2
House batteries 12V/200Ahr	4
House battery alternator 24V/60A	2
Navigation lights	
• General:	
Outlets 110V or 230V as listed in all areas	
Lighting as listed in all areas	
Start battery crossover connector	

ENGINE AND DRIVELINE EQUIPMENT:

• Engines:	
MAN R-6 - 800 Hp Engine	2
ZF 360 heavy duty gearbox	2
• Driveline:	
Integrated surface piercing propulsion system	2
VEEM 6 bladed surface piercing propeller	2
HyDrive hydraulic power steering system	
• Engine room equipment:	
230V or 120V outlets	2
Automatic fire extinguishers	2
Engine driven hydraulic power steering system	1
Fluorescent lights	4
High pressure fuel supply and filtration system	2
High volume engine room ventilation fans	2
Sound insulation throughout	

MOORING GEAR AND GROUND TACKLE:

• Anchor roller	1
• DELTA anchor 25Kg	1
• Fenders	6
• Hi-test galvanized chain 50M	1
• Mooring warp 10m	4
• Mooring warp 15m	2

SAFETY EQUIPMENT:

• Basic life jackets	6
• First aid kit level 1	1
• Flare set 4 piece	1
• Propeller puller	1
• Spares set level 1	1
• Tool kit level 1	1

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