

PASSPORT VISTA 545 CENTRE COCKPIT

STANDARD HARDWARE AND EQUIPMENT

01/06/10

Length Overall	16.3m	Ballast	6350 kg
Length at Waterline	15.7m	Displacement	17236 kg
Beam	4.6m	Sail Area Main	69.98 sq/m
Draft Deep	1.98m	130% Genoa	83.32 sq/m
Draft Shoal	1.7m	Working Jib	59.32 sq/m

General Construction

Solid fiberglass hull, hand laminated, using Knytex knitted and stitched biaxial fiberglass fabrics in conjunction with mat roving, vinylester resin, Kevlar reinforcement in hull lay up. Isophthalic gelcoat on all exterior fiberglass surfaces.

A matrix of longitudinal and transverse foam cored stringers in the lower hull and hull sides provide maximum stiffness. Watertight bulkhead forward.

Internal lead ballast glassed into a modified fin keel with choice of drafts. Balanced skeg mounted rudder, with internal stainless steel rudder post and integral stainless steel reinforcement.

The deck structure is a composite construction using closed cell foam coring. All deck hardware areas are reinforced using high density closed cell foam. All deck hardware is through bolted using stainless steel backing plates.

Engine and Steering

- Yanmar 110 HP Marine Diesel Engine
- Flexible Engine Mounts
- Racor 500 Fuel Filter
- Engine Alarm System
- Foam Insulated Engine Room
- 12 Volt Exhaust System for Engine Room
- Raw Water Strainer for Engine
- Scot Anti-Syphon Valve
- Muffler/Waterlock System with Water Separator
- Bronze Shaft Strut with Cutlass Bearing
- Gori or Max-Prop Folding Propeller
- 1 ½" Stainless Steel Prop Shaft
- Custom Bronze Stuffing Box
- Aluminium Fuel Tanks - 250 U.S. gallons
- Whitlock Pedestal Steering System
- Stainless Steel 48" Steering Wheel
- Emergency Steering System with Tiller
- Rudder Bearing
- Bronze Rudder Shoe
- Bow thruster

Sails and Canvas

- North Sails or Quantum Furling Mainsail
- North Sails or Quantum Furling Reacher
- North Sails or Quantum Furling Working Jib
- Dodger and Bimini

Winches (all Harken)

- 2-Two Speed Electric Primaries 70.2 STE
- 1-Two Speed Electric Utility 40 STE Winch
- 1 x Two Speed 46 STC Main Sheet Winch
- 2 x Two Speed 44 STC Halyard Winches
- 2 x 10" Locking Winch Handles

Spars and Rigging

- Custom Internal Furling Mast
- 5 Halyards: Main, Genoa 1, Genoa 2, Spinnaker & Topping Lift, Led Internally
- Hard Vang
- Flag Halyards at Spreaders
- Mast Head Tricolour and Anchor Light
- Deck and Steaming Lights
- Masthead Mounted Windex
- 316 Stainless Steel Rigging with Hayn Marine Hi-Mod Compression Fittings
- Furlex or Harken Furling for Reaching Sail Stay
- Furlex or Harken Furling for Working Jib Stay
- Optional Removable Inner Forestay with Two Hull Port Lights

Navigation

- Ray Marine ST60 Sailing Instruments to include Depth and Wind Direction
- Raymarine Type 111 Linear Hydraulic Autopilot
- Icom or equivalent VHF Radio and Masthead Antenna
- Richtie SP 5" Pedestal Mounted Compass with Cover

Cruising Package

- Mase 8kw Diesel Generator
- Marine Air Reverse Cycle Air Conditioning (33,000 BTU) Or, Eberspacher Heating System
- Raymarine E80 CRC Colour Radar/Chartplotter with Seatalk Antenna, 2kw Dome
- Selden Electric In-Mast Furling
- Kevlar Reinforced Hull (10 Year Warranty)

Deck Fittings

Non Skid Cabin House Top
Solid Teak Cap Rail
Six Custom 316 Stainless Steel Mooring Fairleads
Six Yachtsmen Type 316 Stainless Steel Mooring Cleats
316 Stainless Steel Bow and Stern
Pulpits 1 ¼" Tube
316 Stainless Steel 34" high 1 ¼" Stanchions with Custom Bases
316 Stainless Steel Boarding Gates, Port and Starboard
Stainless Steel Deck and Cockpit Drains
Double Life Lines
316 Stainless Steel Cowl Vents with Cover Plates
316 Stainless Steel Cowl Guards
Lewmar Offshore Series Overhead Hatches
Hood Stainless Steel Opening ports with Safety Glass and Screens
Contoured Tinted 14mm Laminated Glass Saloon Windows
Harken Aluminum Genoa and Jib Tracks with Cars
Harken Ball Bearing Traveller System with control lines and hardware for Main Sheet
Harken Ball Bearing Traveller System for Working Jib
6 x Harken Quad Deck Organizers
10 x Spinlock Quad Sheet Stoppers
Harken Blocks for Sheets and Halyards
Fibreglass Molded Gas Bottle Storage for two 20lb Tanks
Teak Cockpit Table with Fold Out Leaves
2 x Molded Coaming Compartments with Lexan Doors
Custom 316 Stainless Steel Companionway
Sliding Hatch with Lexan Insert
Teak Companionway Doors with Louvres
Tinted Acrylic Companionway Drop Boards
Custom 316 Stainless Grab Rails to Bathing Steps
2 x Transom Mounted Storage Compartments
316 Stainless Steel Custom Windshield with Laminated Glass
Teak Decks

Galley

12 Volt Refrigeration and Freezer System
Poured Foam Insulation in Refrigerator and Freezer Compartments
Top and Front Openings for Both Refrigerator and Freezer
Three Burner Stainless Steel Propane Stove with Oven
Stainless Steel Stove Safety Area
Safety LPG Panel with Solenoid
Two Aluminum Propane Tanks
Custom Deep Double Stainless Steel Sinks
Corian Countertops
Built in Microwave
Trash Bin

Electrical

Customized Newmar Electric Panels
ES-5 and ES-6
AC Panel Section Includes two Load Groups and a Source Selector Switch for two Shore Power Lines and Generator
Five Gauges for AC and DC Panels
110 or 220 Volt Shore Power Systems
110 or 220 Volt GFI Outlets in Heads and Galley
110 or 220 Outlets throughout
A/C and D/C Wiring Conduits
Four 12 Volt 4-D AGM Marine Batteries
One Group 31 Engine Start Battery
One Group 31 Windlass Battery
Two Heavy Duty Battery Switches
Balmar 100amp Alternator with Stage Regulator
8 KW Mase Diesel Generator
Spare Alternator
3000 Watt Inverter with 130amp Charger
Balmar Digital Duo Charger
Cabin Lights customized to Interior Layout
Interior Courtesy Lights at Floor Level
Engine Room and Lazarette Lights
Chart Table Light
Running Lights to International Rule
Four 12 Volt 6" Hella Cabin Fans
Internal Bonding System to all Chain Plates, Thru' Hulls, Engine and Rudder System to Zap Zinc
Zincs as Required

Anchoring

Lighthouse 1501 Electric Windlass
Custom 316 Stainless Steel Double Bow Roller/
Stem Head
Delta 55 lb Fast Set Anchor with Chain and Rode
Custom Stern Anchor Roller Fitting Hawse and Cleat
Stern Anchor Locker

Plumbing

Two Stainless Steel Water Tanks 200 US Gallons
Calorifier Eleven Gallon Hot Water Heater (110 or 220 Volt) and Engine
Hot and Cold Pressure Water System
Grohe or Equivalent Faucets in Galley and Heads
Whale or Equivalent Transom Mounted Hot and Cold Pressure Water Shower
Large Stainless Steel Double Sink in Galley
Two Large Heads with Separate Shower Cubicle
Stainless Steel Sinks in Each Head
Automatic Sump Pump in each Head
Tecma Electric Toilet in one Head and Groco Manual Toilet in the Second Head

Holding Tank and Piping for Waste Disposal in each head
Bronze Ball Cocks/Thru Hull Fittings Bonded to Ships
Systems
Rule 2000 Electric 12-volt Bilge Pump with Automatic Float
Rule 3700 Electric 12-volt Emergency Bilge Pump With
Automatic Float
Manual Bilge Pump
Stainless Steel Towel/Safety Bar in Heads

Interior

Standard Two State Room, Two Head Layout Arrangement
Optional Three State Room Layout Available on Request
Custom Interiors are Available on Request
All Bulkheads are of Marine Grade Plywood Tabbed to
Deck and Hull Sides
Teak Veneer and Solid Teak Trim on All Interior
Bulkheads and Cabinetry
Chrome and Stainless Steel Hardware on all Lockers
and Doors
Corian Countertops in Galley and Heads
Custom Cushions Covered in Choice of Fabric
Numerous Removable, Locking Floorboards with
Stainless Steel Hardware
Solid Teak and Holly Sole
Removable Overhead Panels with Teak Battens
Teak handrails Port and Starboard
Curved Companionway Steps
Custom Vertical Sliding Companionway Lexon Doorway

Solid Teak Doors and Drawers, Doors with Louvres
Custom Teak Navigation Station with Custom Seating
Teak Dinette Table in one of two configurations
Teak Ceilings on Exposed Hull Sides

General

Complete Coast Guard Safety Equipment Package
Including: PFDs, Horseshoe Buoy, Flare, Fire Extinguishers
And Horn
Docklines 2 x 25' 5/8 – 2 x 50 5/8
Anchor, Chain and Rode, plus 4 Fenders
Instruction Manual
Passport Tool Box and set of Tools
Complimentary Full Set of Monogrammed Towels
(Yachts Name)

The Specification is a supplement to the arrangement Drawings. Details may be changed as a result of experience from building and use of the yachts the standards of quality and materials will not be reduced because of such action.

The owner or his representative will have access to the yacht at reasonable times during the build process.

The builder will maintain insurance on the yacht until handover.

Passport Yachts are built to CE Boat Category 'A-Ocean' and ABYC.

Passport Yachts extends to the buyer a limited (1) year warranty against poor workmanship and gear failure, this covers all joinery work and general construction.

Additionally, Passport Yachts offers a (10) year non-transferable limited warranty against blistering below the waterline (Terms and conditions apply).