

		<b>FD85 specification</b>
Principal Dimensions (approximate)		L.O.A. : 85'- 6 1/2" ( 26.07 M)
		L.W.L. : 73'-3 1/2" (22.34 M)
		Beam : 23'-3" (7.07 M)
		Draft (half load) : 5'-9" (1.75 M)
		Height (half load, W.L. to top of arch) : 29'-5" (8.97 M)
		Displacement (half load) : 196,210 lbs (89 tons)
		Fuel : 13.170 ltrs. (3.480 US gal.)
		Fresh Water : 1.500 ltrs. (400 US gal.)
		Engine : Twin MAN V8-1200HP D2868LE436 (with ZF665A 2,5 17:1)
		Generator : 2 x Onan 27kW (50Hz)
A. Hull and Main Structure		
		High performance Piercing bow (HPPB)
		ABS/DNV type approved fiber/resin & sandwich core material applied.
		White gelcoat finish for hull above water line, exterior decks and furniture.
		One piece hull SCRIMPTM cored lamination w/deep skeg and longitudinal girders.
		Hull, deck & superstructure are built with licensed process SCRIMPTM for improved strength and less weight.
		High-density foam cored hull bottom.
		High-density Divinycell or equivalent foam cored hull sides, decks and superstructure.
		Stringers with high density foam coring.
		Interior structural components all properly bonded to hull.
		Strong collision bulkhead structure for extra safety.
		International anti-fouling bottom paint, w/ anti-osmosis treatment.
		PropSpeed/PropGold metal paint for underwater appendages.
		Tunnels for reduced draft.
B. Exterior Deck and Equipment		
		Stairs from aft deck to swim platform S/S gate doors and hand rails
		Teak deck, swim platform, steps to swim platform and steps to flybridge.
		Hydraulic Hi-Lo swim platform with function as tender lift up to max.700kg.
		2 x 10" pop up cleats on the swimming platform for O/S tender.
		Two sockets for placing tender on swim platform with caps to make it flat when not in use
		prewired Led boat name on stern
		Built-in shower with hot/cold water above swim platform.
		One extractable swim ladder.
		Airpressure / dive compressor connection

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		Exterior LED step lights.
		Furniture at aftdeck
		pre wire after deck TV.
		Maxwell electrical rope capstan on aft deck (x2).
		Hydraulic gangway (Besenzoni PI483)
		Hook-type boarding ladder/steps
		Lightning to exterior stairs
		Aft deck towing hawser (x2).
		FRP cap rail.
		Bulwark side doors (x2) at aft deck for boarding.
		CE approved S/S portholes.
		High bulwark w/ flush mounted courtesy lights.
		1-1/2" S/S stanchions with steel cable around entire boat.
		S/S flag pole at bow.
		Standard lines and fenders package.
		Thick foredeck sunbathing cushion w/drink holders. Bottom of cushion halfway hingable
		Frameless windows clear tempered laminated Low-E glass for windshield.
		Frameless windows tinted tempered laminated glass for side windows.
		Maxwell VWC3500 vertical hydraulic anchor winches (x2) w/ local foot switches and remote.
		anchor chaincounters at two stations
		86 meter (285 ft) high tensile 1/2" anchor chains (2x).
		100 Kg S/S anchors (2x).
		Freshwater/sea water anchor chain washdown system by manual operation.
		S/S rollers and chain stopper.
		Heavy-duty 316 S/S cleats and fairlead w/ rollers.
		International LED navigation lights.
		Stern docking lights (x2)
C. Flybridge and Boat Deck Flybridge		
		teak fly bridge deck on whole deck area.
		Helm with navigation equipment
		L shape dinette
		Hi-Lo dining table (satin teak).
		Custom two-level bar with S/S bar stools, sink, refrigerator, and icemaker as per layout.
		A Plastic water tank in bar cabinet for storing potable drinking water, with standalone pump to supply water to ice maker.
		5-person Jacuzzi with heating and FRP cover with sun pad above

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		Electrical Hi-Lo 46"TV
		S/S Tepan Yaki style (x1) with hidden design
		Foldable chairs on FB
		Manual sun Awning
		Special lightning arrangement for hardtop
		Hydraulic Besenzoni davit (G711). Capacity 700kg
		2 life rafts in bracket
		S/S flag pole at stern.
		Boat hooks (x2).
		Radar arch w/ antenna bracket.
		Tokai Sunshin search light (x1).
		Chrome plated Buell air horns on top of radar arch.
		flooding light for mast and deck x 4
		LED white light Horizon logo on port & starboard side.
		Manual sliding roof on the hardtop.
		Oversize drains w/ strainers on each corner of flybridge deck with internal overboard drains.
D. Pilothouse and Instruments:		
		Carbon fiber dash board panels (2 stations).
		L shaped seats w/ wood table (in accordance with layout).
		Electrical Besenzoni pilot chair
		Boeing monitoring system
		Integrated instrument panel on helm station, leather.
		Heavy-duty Speich S/S wipers w/ wiper wash system and variable speed control on each windshield wiper.
		Full set of engine gauges at both stations.
		Electric fuel and water level gauges.
		Monitoring system for importation equipment (bilge pumps, blowers, navigation lights.)
		Surveillance camera system (PTZ cameras at aft deck and engine room).
		DC12V receptacle.
		Magnetic compass.
E. Engine Propulsion and Steering System		
		*Twin MAN Engine V8-1200HP D2868LE436 (with reduction gears ZF665A 2,517:1)
		S/S shafts Aqualoy 22 HS
		High performance S class 5 blade propellers in NiAlBr.
		Main and intermediate bronze struts w/ backing plates.

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		Shaft and rudder packing glands with Tides Marine dripless seals.
		ZF Mathers engine controls with chrome control heads or Glendinning electronic engine control system at each station.
		wired hand held third control station (engine gear, thruster) on aft deck.
		Hynautic power steering system.
		S/S rudder w/ zinc plates.
		S/S emergency tiller in rudder cabin.
		Steering wheels at both stations.
		Under water exhaust system for engines w/ bypass mufflers.
		ABT zero Speed Stabilizer (370/121)
		ABT hydraulic bow and stern thrusters. (38 HP)
		Bennett heavy-duty trim tabs with indicators.
		Anti-noise treatment to exhaust system.
		Spur line cutters for shafts (x2)
		Yacht Controller (engines and thrusters).
F. Engine Room and Equipment		
		Engine room designed with lightweight diamond plate floor.
		Fire insulation.
		Heavy-duty insulated engine room door.
		S/S overhead grab rail on each side of engine.
		Engine room LED ceiling lights.
		Engine compartment ventilation blowers.
		Delta T engine room demister filters.
		Engine load distributed through flexible mountings on S/S engine bed bonded to FRP hull girder.
		Engine alarm system for low oil pressure and high water temperature.
		Air compressor.
		Trident hose for engine exhaust.
		Central vacuum cleaner.
		engine driven emergency bilg pump
G. Electrical Systems	G.1 - General Description	
		Color-coded wiring for easy identification.
		Main electric panel includes AC & DC circuit breakers.
		24 volt DC monitoring and main circuit breaker panel.
		Sub panel design in each zone for electrical distribution.
		Emergency power package & lighting system.

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	G.2 - AC/DC Main Power System	
		AC volt receptacles located throughout including engine room.
		GFI protection for all AC outlets in exterior, heads, galley and engine room.
		Electrolysis bonding system.
		Cathodic protection with zinc anodes for shafts, struts, etc.
		Indirect lighting under valance in saloon, staterooms, pilothouse, and galley.
		Dimmer system for LED ceiling lights in aft deck, pilothouse, and flybridge.
		Dimmer system for LED ceiling lights in saloon, master, and VIP staterooms.
		Italian Vimar switches for lighting system.
		White Underwater lights (x8).
	G.3 - Shore/Power System	
		1x 100 amp shore power conector and 1x 100 Amp shore power Cablemaster.
		ISO boost transformers (x2)
		Onan generators(2x) 27kW (50Hz) with sound shield.
		Battery inverter/chargers. (invertrer 2 x 2500W)
		Octoplex multiplexing power distribution system.
		255 Ah AGM start batteries (x4) for engines/generators.
		210 Ah AGM batteries(x8) for ship's DC 24V service power.
		210 Ah emergency batteries(x2) above main deck w/ independent battery charger.
		All batteries enclosed with proper fixtures.
		Vapor proof battery switch.
		Fiberglass water/exhaust separator for generator.
		Maretron monitoring and control system.
	G.4 - Navigation System	
		Raymarine GPS.
		Raymarine 72" 12kW 72nm open array radar system.
		Raymarine 12" (1x) and 15" (x3) multifunction displays.
		Raymarine fish finder and transducer.
		Raymarine Autopilot System.
		Raymarine Wind/Speed/Depth/Temp transducers.
		Raymarine VHF with second station mic and built-in loudhailer.
		Raymarine AIS.
		Raymarine smart control
		Search light
		Cameras on each main deck side walk, aft deck and engine room

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H. Mechanical Systems		
	H.1 - Fuel Oil System	
		13.173 litre (3,480 gallon) fuel tanks w/ sight & electric gauges.
		Dual Racor 75/1000 MA fuel filters/water separator, each engine.
		Electric fuel transfer pump
		Racor 500 MA fuel filters (x2), one on each generator.
		Oil change pump system for engines, gears, and generators.
		Reverso FPS210 fuel polishing system (1x).
	H.2 - Fresh Water System	
		1.514 liter (400 gallon) water tanks.
		Water maker 900GPD.
		High-volume AC fresh water pressure pump and one DC pump for back up.
		Fresh water charcoal filters in main supply pipes and in galley.
		Fresh-water hose in engine room
		Marine grade lines for fresh water system.
		113 liter (30 gallon) water heaters (x2).
		Hot water circulation pump.
	H.3 - Sanitary System	
		Tecma silence plus toilets
		757 liter (200 gallon) holding tank w/ macerator pump.
		Y valve for holding tank with deck fitting for dockside pump out.
		378 (100 gallon) sump tank.
		Sump pumps system for grey water.
		Electric level indicators for holding tank and sump tank.
	H.4 - Bilge Water System	
		Electric Rule bilge pumps (x5).
		Manual bilge pumps (x2) in engine room and forward staterooms.
		High water level bilge alarm.
		Bilge exhaust ventilation fans.
	H.5 - Air Conditioning System	
		Marine Air chilled water air conditioning system.
		Back up air conditioning sea water cooling pump.
		Air handlers throughout boat.
	H.6 - Fire Safety System	
		Fire insulation in engine room.
		Fire resistant treatment for pipe penetrations.
		Fixed fire extinguisher FM200 for engine room with remote control.

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		Auto shutdown system.
		Automatic fire damper system.
		Portable fire extinguishers (x4) in recessed lockers.
		Integrated fire alarm system in pilothouse, with heat or smoke detector in each cabin.
I. Interior Design and Equipment (As per layout plan)		
	I.1 -Interior Decoration	Standard layout: 5x Ensuite staterooms and crew cabins (x2)
		Forward saloon with formal dining and dining chairs
		Wood flooring in salon.
		carpet except in wood floor areas.
		Salon starboard and port side full height window sliding door (with screen).
		Screen for side entrance door from galley to port side walkway
		Electric blinds in saloon (except doors)
		extra light color curtain layer at salon window and doors
		two loose chairs in saloon
		A rug in salon
		High-quality Frascio entrance door lock and cabinet door locks.
		Full set of Horizon logo galley tableware for 12, incl. pot/pan, dishes, plates, knives, forks, glasses, and holders etc.
		Extra one magic corner in the galley (One for standard).
		Stove S/S pot and pane holders over cook top in galley
		Glass/Dishes/Plates holders.
		Interior stairs from main deck to pilothouse.
		Interlocking vinylceiling panels throughout.
		Wood flooring in pilothouse.
		High density hotel grade pocket spring mattress for entire boat except crew cabins and upper bunks.
		Fabrics for bedspreads, decorative pillows and sheet set (flat sheet, fitted sheet, pillow cases), one set per berth.
		King size bed in master stateroom.
		Electric blinds in master stateroom
		Safe (1x) in master stateroom.
		Master head forward wall marble (same as shower room)
		Skylight w/elec blind in Master stateroom
		Upholstered headboard for master staterooms, VIP staterooms and guest staterooms.
		Upholstered bed frames in all cabins.
		one Sliding bed in STBD guest room
		Hanging lockers in all staterooms.
		Escape hatch with ladder for master stateroom.

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		LED ceiling lighting.
		Indirect lighting system under sofas, beds, valances & all stairways.
		Seamless polyurethane finish in all shower stalls.
		Dornbracht/Hansgrohe faucets, towel bars, towel rings, cup/brush/soap/toilet pater holders, toilet brush, in forward heads.
		Exhaust blower for each head.
		Day head as per layout.
		S/S storm covers for all port lights
		Nautic-Heating-floor for bathrooms and granite used areas (Galley, master head, guest heads (4), lower deck hallway, and day head) (all shower rooms are excluded).
	I-2 - Crew Quarters	Rear accommodation arrangement plan, include aft quarters, efficiency galley, two-burner cook top, microwave, sink, counter refrigerator), head and shower, hanging lockers, bunks, storage lockers, A/C.
	I-3 - Appliances	Under counter ice maker (x2)
		Wine cooler per layout.
		S/S sink per layout.
		Sub Zero refrigerator (1x).
		Electric induction cook top with exhaust blower above.
		Dishwasher.
		Microwave and oven or one microwave-oven.
		Washer/dryer (x2).
		Home Appliance (Miele/Siemens/Bosch)
	I.4 - Telephone and Stereo System	Flybridge Fusion Marine Stereo (1x) and speakers (x4).
		Pilothouse Fusion Marine Stereo (1x) and SM speakers (x2).
		Saloon 46" LCD TV with Bose lifestyle home entertainment system and separate Blu-ray disc player and Apple TV.
		Aft deck Fusion Marine Stereo (1x) and speakers (x2).
		Master stateroom 40" LCD TV with Bose lifestyle home entertainment system and separate Blu-ray disc player and Apple TV.
		VIP stateroom 32" LCD TV with Fusion Marine Stereo (x1) and SM speakers (x2) and Apple TV.
		Guest stateroom 19" LCD TV with Fusion Marine Stereo (1x) and SM speakers (x2).
		Crew mess 32" LCD TV with Fusion Marine Stereo (x1) and SM speakers (x2).



		<b>FD85 specification</b>
		Panasonic PBX Telephones (x5) with intercom features in saloon, pilothouse, master stateroom, VIP stateroom, and crew mess; remaining cabins with a telephone outlet.
		Exterior connector for shore phone and cable TV.
		WiFi booster system with wireless routers onboard.
J Miscellaneous		
		SAT TV (KVH M9 x1 + dummy dome x1)
		TECNICOMAR Sewage Treatment System (ECOMAR 20)
		Dive compressor (bauer Junior II)
		Alert if swim platform is not in position when engine start.
		8 person liferaft in container (Zodiac) including bracket (2x).
		Exterior canvas covers upholstery
		CE Certificte (Directive 2013/53/EU) Category A
Optional		Tender (38500)
		Teak chock w/ S/S base for O/S tender on the swimming platform (x2).