

Custom Baltic 70, built by Baltic Yachts LTD, Finland

Design

NAVAL ARCHITECT	Reichel / Pugh
STRUCTURAL ENGINEERING	SP-Technologies / R&J Design
INTERIOR AND DECK DESIGN	R & J Design / Baltic Yachts

Dimensions and Weights

L.O.A.	21.50 m	70.54 ft
D.W.L.	18.04 m	59.19 ft
BEAM	4.88 m	16.01 ft
DRAFT	3.80 m	12.47 ft
DISPLACEMENT	17,800 kg	39,242 lb
BALLAST	9,950 kg	21,936 lb
IM	24.08 m	79.00 ft
J	7.04 m	23,10 ft
P	25.26 m	82.87 ft
E	9.18 m	30.12 ft

Construction

HULL	Sandwich construction. Built using high-modulus pre-preg Carbon fibers. Nomex honeycomb core. Cured under vacuum and high temperature, 85 °C (185 °F) under up to 24 hours.
KEEL	Deep keel with a stainless steel keel fin and a lead bulb.
DECK	Sandwich construction. Built using high-modulus pre-preg Carbon fibers. Nomex honeycomb core. Cured under vacuum and high temperatures, 85 °C (185 °F) under up to 24 hours.
INTERIOR	Made from high modulus pre-preg Carbon fibers. Visible surfaces covered with a thin Teak veneer, vacuum glued. Floorboards in high modulus pre-preg laminates with Nomex core and a special wood surface glued in the laminating process.

Equipment

DECK FITTINGS	Pulpit, pushpit and stanchions made out of Titanium. Removable Carbon fiber bow sprit. Harken winches.
MAST AND RIGGING	Offshore Spars masthead rig with running backstays. Carbon fiber, autoclaved. Navtec rod rigging and hydraulics.
MAIN ENGINE	YANMAR 4LH-HTE, 103 kW (140 hp) at 3,300 rpm. Light weight Kevlar exhaust system.
GEAR BOX	KM5A
PROPULSION SYSTEM	Max Prop two-blade feathering. Pre-preg carbon propeller strut.
FUEL TANK	200 l (53 gal)

WATER TANK	225 l (59 gal)	
WATERMAKER	PUR, portable	
HEATING	Eberspächer D8LC	
HYDRAULIC SYSTEM	Lewmar Commander 40	
BATTERIES	Starting 80 Ah 12 V/DC Service 6 pcs 200 Ah 24 V/DC	
ELECTRICAL SYSTEM	Mastervolt battery charger 100 A 24 V Mastervolt DC/AC inverter 1,500 W.	
COMPASS	Danforth Constellation C621A, 6"	
ELECTRONICS	Nav instruments: Autopilot: Weather fax: VHF: Sat Fax:	B&G Hercules B&G, with hydraulic ram Furuno Fax-214 14" Sailor VHF 4000 System RT4801 TT-3020B Inmarsat-C/GPS M. C.