



VIVACE

Provisional general specification January 2010

Vivace

L.O.A.	10,29 m	
Width of hull	3,11 m	
Draught - standard	2,1 m	*
Light displacement	4800 kg	
Keel weight	1990 kg	
Torpedo weight	1800 kg	
Water tank	60 l	**
Fuel tank	60 l	**
Engine	20 HK	***

* Draught can be changed as desire

** Alternative Stainless Steel - size app. 100 l

*** Alternative 29 HK



Hull

Injection molded vinylester.

25mm divynycell H80. By fitting enhanced with alluminium and solid waterproof wood.

Built in Triax, biax thorough, UD mats, extra reinforced by the chain plate. Osmosis safe, very rigid and strong. Only hull penetrations of massive laminate.



Deck

Molded polyester. Hull and deck glued together with epoxy.

20mm divynycell H60. By fitting enhanced with alluminium and solid waterproof wood.

Built in Triax, biax thorough and UD mats.

Very rigid and strong designed.

Hatches and dech are integrated with non-slip pattern.

Anchor well vith the furling drum below deck.

Deck hatch to cover trimmers and fall lines.

Front deck hatch is hinged and provides access to the ropes.



Cockpit

Large stowage locker port side under the cockpit seat, and stern large stowage locker in the floor with access to the rudder stock.

Teak on cockpit seat and teak seats by the mate.

Padeyes for safety wires installed in the cockpit, and footrests.

Tiller in molded teak with tiller extension.

6 x 40 winches of approved quality.

Mainsheet is sheeted directly to the track lowered in the floor.

Halyard and trim lines is led to the cockpit during the cabin top.

Spinlock control box with detachable handles.

Footrests to mate for maximum control. Can be combined with a teak plate. Cockpit seat can be extended to 2 meters.





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Sail

Mainsail	43 m ²
105% genoa	29 m ²
Gennakker	116 m ²
J	3,9 m
P	13,6 m
E	4,8 m

Mainsail equipped with newly developed toptrim, for controlling the sailtop. Double halyard system - called twist control.

E-twist - Evosion twist system.

The mainsail is equipped with newly developed system to twist mainsail top. E-twist, a twist control system. With experience and knowledge gained from the surf sails, where they over 20 years ago found out how important twist is to improve sail performance. Sail twist is perhaps the most important thing in a sail. This increases the sail's performance significantly, and while doing the sail easier to control, operate in a wider track. New developed twist control makes it possible, to transfer the good properties from surf sails into the mainsail at Vivace.

Mast

Aluminum mast *, double spreaders, BSI rodrig. Chain plate mounted in the hull side, reinforced, and 2 stringers connected with base frame, to ensure maximum stiffness and strength.

Mast standing on the bace frame.

Furling genoa with drum below deck, line led to cockpit.

Boom with double reef. Rodkic - hard spring.

Backstay flicker.

Backstay 1:16. Mainsheet is sheeted directly to the track.

4 Tribble clutches, dyneema halyard, vindex, and lanterns.

Complete rigging, prepared for spinnaker equipment.

* Alternative carbon mast.



Keel og torpedo.

Stainless keelshaft in profile folded 8mm stainless steel plates.

3 x 8mm thorough stringers, fixed through - in 25mm stainless steel top plate with 12 pcs M24 bolted up through stainless steel base frame. Cast and jointed firmly in recession.

Torpedo lead has cast iron plate inside for consolidating

4 x M24 keel bolts. Molded and bolted together.

Epoxy grounded and epoxy primed.



Base frame

Built in 8mm stainless steel. Center and longitudinally stiffened with 3 wings going through for stability at the mast base, and fixed with stringers to the chain plate. 100% supported and molded solid to the hull, and bunk front. Bolted to the bulkheads.



Steering system and rudder.

Rudder stock in solid aluminum, 68mm, sandwich structure.

Conical rotated, fitted roller bearings to minimize friction and maximum control. Both bearings are self-adjusting.

Rudder stock prepared for emergency helm, and prepared for the autopilot.

Standard with tiller in profile bent teak and tiller extention.

Alternatively, with 2 rudders, pedestals, instrument panels.



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Safety - CE

Rope over the deck, the jib is sheeted on the cabin top, and the deck is free of rope. Sheets to Genakker bow, and line to furling kept below decks until anchorchest.
Safe slip pattern for maximum contact with the boat.
Guard rail with 4mm SWR.
Prepared for safety lines.
Emergency hatch. Bilge pumps, fire extinguishers.
Very stiff, strong and durable construction.
Bathing/safety ladder near the surface.
Vivace is CE approved in category A - Open Ocean.

Engine

Yanmar 3YM20C 3 cyl. Diesel with S-drev.
Alternative Yanmar 3YM30C 29 HK 3 cyl.
Engine mounted on solid molded base on rubber feet.
Aluminum panel flush mounted under the cockpit seat.
Security Alarms, and night light.
12V - 80A engine charger, sea water filter, over sea level for quick emptying.
Access through the rear hatch, and access under the stairs.
Staircase is equipped with gas spring.
Engine Ventilation.
2 blade folding propeller.
12V 60A start battery.
Engine compartment insulation for soundproofing.
Fuel inlet on deck.

Elektricity

12V system
100A GEL consumption battery, maximum utilization.
60A starter batteri - extra batteries and more can be fitted.
Power distribution from the charger to the battery groups.
220V intake in the cockpit.
HFI with 220V outlet and 20A charger to stream 2 groups.
Lighting below deck: 12V LED.
LED lupolight combined bowlight and LED sternlight.
Electric panels with automatic fuses.

Heating and water

12V self-priming pressure water pump. 3 chamber smoothness. Thermal cut from overheating and pressure control. Dirt filter.
Hot water tank, engine heated or using land power.
12V water box with dirt collector and pump.
12V bilge pump and 1 manual bilge pump.
Hand shower mixer tap in the galley and toilet.

Gas

Gasbox mounted in cockpit
Safety valves and cocks

Heating

Vivace is equipped with oil burner with outlet in Saloon and on the toilet. (Included in the introductory package 2009)



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Interiør

Vivace is accommodated in light oak, or traditional mahogany. All the woodwork is lacquered matte, and all the woodwork is real wood. All bulkheads are laminated to the hull for maximum strength and safety. All lists and panels are screwed and / or glued together to minimize interfering noises. All cushions are made of good quality, with fabric of your choice. Other qualities, materials or leather can be created of choice. Freeboard and selected sites are covered with vinyl. The interior design is simple and functional. Designed to create peace, light and movement. Mood lighting integrated into the interior to create a feeling of floating interior, everything in the power-saving LED

Scots

All Scots and berths is laminated to the hull to achieve maximum stiffness and strength of the hull.

Saloon

The saloon is furnished with 2 longitudinal sofas / beds angles to the hull sides for maximum space. Saloon table with folding sides is angled in relation to sofas. In each side is fitted cupboards. Under sofas is stowages tanks, fridge and battery box. The port and starboard sides are made as good "stressless" chairs for maximum comfort. 6 good seats around the table. The back of the sofa in the port side, which is also made as chair also serves as seating at the navigation table. The navigation table is equipped with a 12V outlet. Floor lighting around the floor, and in the ditch on the ceiling. Reading light, ceiling light with red night light. Saloon table can be removed - grouped around the mast. Solar cell fan w / battery-night mode. Ensure fresh air.

Galley

Longitudinal functional galley with gas stove and with double cooking burners. Sink and mixer tap with shower pull. Cupboards and drawers for storage and cookware. Sliding Doors by the the galley table for easy access. Table top is Delian, a composite material. Cover plate to the stove and sink. Garbage under the sink. Cooler with compressor under the chair.

Forship

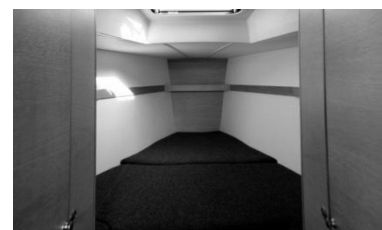
Double berth 210 x 140/40. 2 wardrobes, shelves and hanger rod. Cabinet doors are asymmetric as they also function as doors. Ceiling light, reading lamps and floor light - LED

Toilet

Washed seawater pump toilet, with septic tank in stainless steel. Interior design is wood, with Delian table plate, sink and mixer tap with shower pull. Floor Drain for electrical automatic water box. Solar cell fan for fresh air, outtake from the oil burner. The toilet can be effectively used as an drying cupboard, if the freshair intake reversed to extraction.

Aft cabin

Double bunk 205 x 155/90. Wardrobe, and stowage space under the cushions. Reading Lamps - LED



Text and misprint reservations.