



# VIVACE RACE

Provisional general specification January 2010

## Vivace Race

L.O.A.	10,29 m
Width of hull	3,11 m
Draught - standard	2,2 m
Light displacement	4300 kg
Keel weight	1990 kg
Torpedo weight	1800 kg
Water tank	60 l
Fuel tank	60 l
Engine	15 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.

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.

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

Tiller in molded teak with tiller extension.

4 x 40 winches of approved quality.

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

Spinlock control box with detachable handles.

Sail	Race
Mainsail	43 m <sup>2</sup>
105% genoa	29 m <sup>2</sup>
Gennakker	116 m <sup>2</sup>
J	3,9 m
P	13,6 m
E	4,8 m

Mainsail equipped with newly developed toprim, 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.



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## Mast

**Carbon 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.  
 Boom with double reef. Rodkic - hard spring.  
 2 x backstay.  
 4 Tribble clutches, dyneema halyard, vindex, and lanterns.  
 Complete rigging, with spinnaker equipment.



## Spinnaker pole

Spinnaker pole in carbon.  
 Spinnaker as principle drawing.  
 Provides maximum use of gennaker at ALL courses!

## 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  
 Standard with tiller in profile bent teak and tiller extension.  
 Alternatively, with 2 rudders, pedestals, instrument panels.



## Safety - CE

Rope over the deck, the jib is sheeted on the cabin top.  
 Sheets to Genakker bow, and line to  
 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.



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## Engine

15 hk Diesel with S-drev.  
 Engine mounted on solid molded base on rubber feets.  
 Panel mounted under the cockpit seat.  
 Sea water filter, over sea level for quick emptying.  
 Access through the rear hatch, and access under the stairs.  
 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.  
 HFI with 220V outlet and 20A charger to stream 2 groups.  
 Lighting below deck: 12V LED.  
 LED combined bowlight and LED sternlight.  
 Electric panels with automatic fuses.

## Heating and water

Water with footpump  
 12V bilge pump and 1 manual bilge pump.

## Interiør

Vivace is accommodated white, and with light wood.  
 All the woodwork is lacqered matte.  
 All bulkheads are laminated to the hull for maximum strength and safety. All lists and panels are screwed and / or glued together to minimizes interfering noises.  
 All cushions are made of good quality, with fabric of your choice.  
 Other qualities, materials or leather can be created of choice.  
 The interior design is simple, light and functional.  
 Lighting is LED

## Saloon

The saloon is furnished with 2 longitudinal sofas / beds angles to the hull sides for maximum space.  
 Under sofas is stowages tanks, and battery box.  
 Sofas and backs is pipe berths.  
 The navigation table is equipped with a 12V outlet.  
 Vent valves in saloon.

## Toilet

Chemical toilet.

## Aft cabin

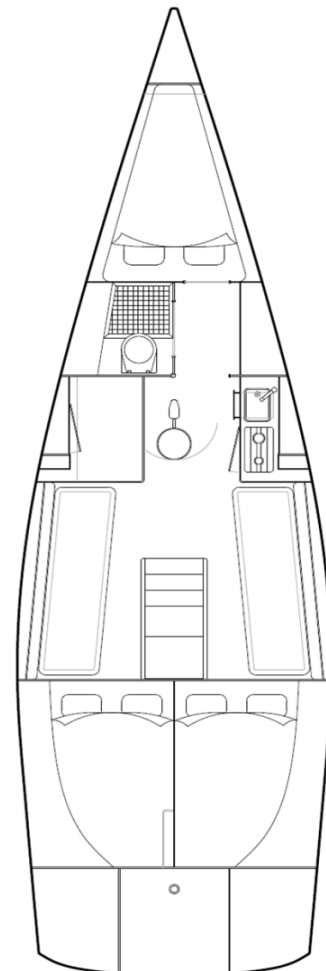
2 x double bunk 205 x 145/80.  
 Reading Lamps - LED

## Galley

Longitudinal functional galley with spirit stove and with double cooking burners. Sink and tap.  
 Cupboards and drawers for storage and cookware.

## Forship

Double berth 210 x 140/40.  
 Stow for bags.  
 Ceiling light is LED



Text and misprint reservations.