

# RAPIDO



AN "OWNERS YACHT" DESIGNED AND BUILT BY REAL SAILORS,  
FOR REAL SAILORS...



# R A P I D O

## GENERAL SPECIFICATIONS

This version replaces and supersedes any previous versions of the General Specification *and is subject to change. 1/ February/ 2016/ February/ 2016*

|                         |                 |                         |                   |
|-------------------------|-----------------|-------------------------|-------------------|
| Length                  | 18.1m (59.3ft)  | Mainsail                | 125m <sup>2</sup> |
| Beam                    | 11.7m (38.4 ft) | Solent                  | 71m <sup>2</sup>  |
| Draft                   | 0.75m (2.5 ft)  | Storm sail              | 25m <sup>2</sup>  |
| Displacement (light)    | 8.6t            | Reacher                 | 130m <sup>2</sup> |
| Displacement (max load) | 10.6t           | Asym Spin               | 210m <sup>2</sup> |
| Headroom (average )     | 2.1m (6ft 9“)   | Mast height above water | 25.3m             |



Vessel design: Morrelli & Melvin

[www.morrellimelvin.com](http://www.morrellimelvin.com)



The R A P I D O 60 is a production trimaran, although variations can be offered within the bounds of structural constraints. Cost of semi-custom personalization to be determined.

# RAPIDO

## DESIGN & CONSTRUCTION

- Hull and deck E-Glass outer skins, carbon fiber inner skins, vinylester, epoxy divinycell foam sandwich construction
- Hull and deck parts molded from composite female tooling to reduce fairing and save weight
- Composite parts infused to control resin content, fiber ratio and improve strength to weight ratio
- Thermo-formed core from 3D templates
- Beams, danggerboard, T foil rudder blade-prepreg epoxy carbon cured in an Autoclave
- Prepreg carbon chain plates integral with bulkheads
- Carbon longitudinal stringers
- Carbon structural bulkheads
- Carbon reinforcements in high load area
- Carbon saloon/cockpit door frames
- Interior furniture constructed from high strength light weight composite panel
- All bulk heads water tight or have no penetrations below the waterline
- CE A certification

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## FINISH

- Exterior finish is white Aquaguard gelcoat  
Non-skid on decks, beams, transom and cockpit with choice of color, hull bottoms finished with epoxy primer  
Interior living areas painted to Rapido Trimarans Luxury Yachts finish

# RAPIDO

## RIGGING & SAILS

### Mast and boom

- Alloy rotating mast and alloy boom

### Running rigging

- Mainsail, solent, reacher and stay sail halyards and sheets
- Spinnaker halyard
- Topping lift/ spare main halyard
- Lazy cradle jacks
- Mainsail traveler lines
- Reef lines
- Outhaul & cunningham lines
- Daggerboard control lines

### Sails

- Incidences Spectra Hydranet main, solent, staysail and Stormlite reacher, or North Norlam Dyneema/ carbon main, solent and Norlam reacher and staysail

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## DECK & HULLS

### Hatches and portlights

- 3 x Gioit escape hatched (forward and aft cabins and survival area)
- 13 x Lewmar Atlantic Series opening portlights
- 1 x Lewmar deck hatch in fwd cabin
- 2 x Lewmar opening hatches in saloon facing fwd
- 8 x Rapido lush deck fibre glass hatched

### Safety

- Padeyes for safety harness connections
- Lifelines
- Round 316 stainless pulpit, aft seats and stanchions
- Survival area with entrance/escape hatch
- Auto fire extinguisher in the engine compartment
- Water tight or no penetration below water line bulkheads

### Deck hardware

- Harken mainsail sheet and traveler systems
- Harken self tacking solent track system
- Harken headsail systems
- Deck gear for Karver headsail furling systems
- 2 x Karver KJ 25 jammers
- Harken mast rotation, cunningham and outhaul controls
- Daggerboard lifting system
- Spinlock clutches and jammers

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## Winches

- 2 x Harken Radial **70.2, 2** speed ST electric primary winches
- 2 x Harken Radial **60.2, 2** speed ST electric primary winches
- 1 x Harken Radial **60.2, 2** ST for halyards
- Lewmar one handed locking winch handles

## Furlers

- 3 x Karver Furlers

## Mooring, anchoring

- Lewmar retractable bow thruster
- Lewmar anchor windlass with remote control
- Anchor bridle
- 2 x 250mm Antal folding deck cleats/ padeyes
- Anchor/ windlass locker forward of mast base and locker for secondary anchor in fore deck

## ELECTRICAL

- AGM batteries 24 Volt
- Mastervolt Combi Ultra Inventor Chrger
- BEP Switch Panels 36 Circuit Breakers 24V/ 12 Volt
- BEP AC Panel 4 x Circuit Breakers plus RCD
- 110amp 24 110amp 24Volt Master Volt alternator (House Batteries)
- 80 amp 12 volt alternator
- LED lights, down lights, courtesy and strip lights
- 4 x fans
- 240v AC outlets and 24v DC outlets
- Shore power connection 24 volt

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## Navigation lights

- LED bow and stern nav lights
- LED anchor, steaming, deck lights

## ENGINE AND PROPULSION

- Yanmar diesel 4JH5E 53hp/ shaft drive
- Folding 3 blade prop Flex-O-Fold
- 80 amp alternator (Starting batteries)
- Digital B instrument panel
- Engine room insulation
- PSS dripless seal on propeller shaft
- Ultralex engine controls
- Fuel filters
- Fuel tank 500 litre
- Silencer, waterlock
- Automatic engine room fire extinguisher system





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## OUTDOOR FITOUT

### Cockpit, transom, decks and floats

- Hard top Bimini with sliding roof
- 1.2m wide helm seat/ leaning post
- Saloon/ cockpit windows removable stored into cockpit wall
- 2 x storage lockers under large cockpit seats with dedicated wet weather and separate shoe storage
- Telescopic swim ladder on transom
- Hot and cold shower on transom
- Huge storage/ survival area 2m x 2.9m x 1.3m under the cockpit sole with escape hatch
- 4.8m long storage area in floats with Rapido Custom watertight extra large hatches to accommodate paddle boards/ bikes
- 4 separate water tight compartments per float
- Padeyes for mooring lines and fender
- The area forward of the mast base has been designed to be used as a sundeck area
- Dyneema knotless trampoline

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## INTERIOR FITOUT

- All interior components lightweight cored panels
- Cabinetry-teak veneers/ solids and where painted a gloss finish.  
Bulkheads, hull and deck heads a gloss or satin urethane finish over a lightly textured substrate
- Soles Amtico
- Head soles painted composites
- High quality fabrics and foams
- Choice of colors to be agreed with customer
- Removable cushion and mattress covers for easy wash and replacement

## Saloon

- Salon/ cockpit removable windows
- Double opening/ fold up entry doors with drop in storm wash board at saloon entrance provides completely open access from cockpit to saloon
- Two opening Lewmar vertical hatches in saloon front
- Large windows for good all round visibility
- Coffee/ dining Table
- Upholstered sofa seating in saloon/ double bunk
- Led lighting
- Fans and heating ducts

## Nav station

- Opening chart table
- Reading red/ white light with flexible arm
- BEP Switch Panel

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## Heads

- Light weight composite doors
- Sink
- Head soles
- Carbon countertop
- Storage area/ cabinet
- Grohe faucet and shower set
- Polycarbonate mirror
- Shower area with composite painted finish
- Electric shower drain pump
- Manual toilets
- 4 x Lewmar opening portlights

## Aft Cabin

- Lightweight composite door
- Hanging locker and shelves
- Double bunk 220mm x 150m
- Mattress ventilation
- Storage under bunk
- 4 x Lewmar opening portlights
- 1 x escape hatch

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## Forward Cabin

- Lightweight composite door
- Hanging locker and shelves
- Double bunk 220m x 150m
- Mattress ventilation
- Storage under bunk
- 1 deck hatch
- 1 escape hatch
- 4 x Lewmar opening port lights

## Galley

- Shelves cabinets, drawers with Blum hardware soft close and latches
- LG Hi Macs countertop
- 130 litre Vitrifrigo 2 drawer fridge/freezer
- Large Hafele stainless steel sink
- Wallas 2 burners diesel stove top and oven
- Hot and cold pressurized fresh water with Franke faucet
- Pressured sea water with Grohe faucet
- Garbage drawer
- Roll out wine storage

## Plumbing - fresh water system

- 1 x Quick 25 litre water heater
- 1 x 450 litre water tank
- 1 x water pressure system pump
- 1 x deck shower at transom of main hull
- 1 x dock water inlet

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## Plumbing sea water-system

- 1 x pressurized sea water kit in anchor locker
- 1 x pressurized sea water faucet in galley

## Waste water

- 2 x holding tank 60 liters

## Bilge pumps

- 4 x electric automatic bilge pumps
- 1 x manual bilge pump 20 US Gal - 75Lit/ minute
- All sea cocks composite

## STEERING & RUDDER BLADE

- Single wheel Jefa custom steering system to include:
- Torsion bar and universal joint complete with autopilot drive
- Carbon rudder blade manufactured from CNC milled tooling cured at elevated temperature and pressure in an Autoclave
- Spare rudder blade with case, pintel and steering

# RAPIDO

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## OPTIONS - Prices on request

- Southern Spars High Modulus Carbon rotating mast, carbon boom and EC6 diamonds
- North 3Di 760 Aramid/ Dyneema main and solent or Incidences D4 carbon/ vectran main, solent and carbon/ twaron reacher / C Tech battens / lazy cradle cover
- North or Incidence spinnaker
- Lithium ion battery bank
- Electronics package/ B&G or Raymarine
- Water maker
- Freezer, top loading
- Wallas diesel heater
- Electric toilets
- Flexteek for transom and cockpit
- Generators/ Watt & Sea hydro-generator / solar panels
- Air conditioners - reverse cycle
- Sea water pressure washer on transom
- Davits
- RIB/ outboard
- Life raft/ mounting bracket
- Anchors/ chain/ rode. Fenders/ mooring lines
- Safety equipment/ tools/ jack stays
- BBQ/ SS rod holders
- Fusion True Marine DVD/ Receiver with Fusion link/ portable media device dock/ 4 x 6" 200 Watt speakers