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

This version replaces and supersedes any previous versions of the General Specifications and is subject to change. 10th May, 2017

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<tbody>
<tr>
<td><strong>Length</strong></td>
<td>18.1m (59.3ft)</td>
<td><strong>Mainsail</strong></td>
<td>125 m² (1345 ft²)</td>
</tr>
<tr>
<td><strong>Beam</strong></td>
<td>11.7m (38.4ft)</td>
<td><strong>Solent</strong></td>
<td>71 m² (764 ft²)</td>
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<tr>
<td><strong>Draft</strong></td>
<td>0.75m (2.5ft) / 3.3m (11.5ft)</td>
<td><strong>Stay sail</strong></td>
<td>25 m² (269 ft²)</td>
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<tr>
<td><strong>Displacement (light)</strong></td>
<td>9,000 Kg (19,841 lbs)</td>
<td><strong>Reacher</strong></td>
<td>130 m² (1399 ft²)</td>
</tr>
<tr>
<td><strong>Displacement (max load)</strong></td>
<td>11,000 Kg (24,250 lbs)</td>
<td><strong>Asym Spin</strong></td>
<td>210 m² (2260 ft²)</td>
</tr>
<tr>
<td><strong>Headroom (average)</strong></td>
<td>2.1m (6ft 9&quot;)</td>
<td><strong>Mast height above water</strong></td>
<td>25.3 m (83 ft)</td>
</tr>
</tbody>
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Vessel design: Morrelli & Melvin

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

The Rapido 60 is a production trimaran, although variations can be offered within the bounds of structural constraints. Cost of semi-custom personalization to be determined.
DESIGN & CONSTRUCTION

- Hull and deck are carbon fiber, 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, daggerboard, 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 panels
- All bulk heads water tight or have no penetrations below the waterline
- CE A certification
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

RIGGING & SAILS

Mast and boom
- Southern Spars High Modulus carbon rotating mast, carbon boom, EC6 diamonds, K49 Aramid Cap shrouds and Karver jammers

Running rigging
- Mainsail, solent, reacher and stay sail halyards and sheets
- Spinnaker halyard
- Topping lift/ spare main halyard
- Lazy cradle jacks / carbon dyneema truss wing
- Mainsail traveler lines
- Reef and trip lines with Karver reefing hooks
-outhaul & cunningham lines
- Daggerboard control lines

Sails
- North square top 3Di 760 Aramid / Dyneema main and self tacking furling jib with UV protection
- Aramid laminate furling reacher with UV protection /North furling stay sail / C Tech battens / lazy cradle and main sail cover
DECK & HULLS

Hatches and portlights
- 2 x Lewmar escape hatches
- 13 x Lewmar Atlantic Series opening portlights
- 1 x Lewmar deck hatch in fwd cabin
- 2 x Lewmar opening hatches in saloon facing fwd
- 2 x Lewmar opening hatches in aft cabin
- 8 x Rapido flush deck fibre glass hatches

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
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
- 2 x Harken Radial 60.2, 2 ST for halyards
- Lewmar one handed locking winch handles

Furlers
- 3 x Karver furlers

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

ELECTRICAL
- Lithium ion battery bank/ 2 x 180 amp
- Mastervolt Combi Ultra Inverter
- C Zone digital switching
- BEP AC Panel 4 x Circuit Breakers plus RCD
- 110amp 24Volt Master Volt alternator (House Batteries)
- 80 amp 12 volt alternator
- LED lights, down lights, courtesy and strip lights
- 5 x fans
- 240v AC outlets and 24v DC outlets
- Shore power connection 240 volt
Navigation lights
- LED bow and stern nav lights
- LED anchor, steaming and deck lights

ENGINE AND PROPULSION
- Yanmar diesel 4JH5E 53hp/ shaft drive
- Folding 3 blade prop Flex-O-Fold
- 80 amp alternator
- Digital B instrument panel
- Engine room insulation
- PSS dripless seal on propeller shaft
- Ultraflex engine controls
- Fuel filters
- Fuel tank 450 litre (126 gal)
- Silencer, waterlock
- Automatic engine room fire extinguisher system
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
- Swim platform / ladder on transom
- Hot and cold shower on transom
- Huge storage/ survival area 2m (6’6”) x 2.9m (9’.6”) x 1.3m (4’.3”) under the cockpit sole with escape hatch
- 4.8m (15’.9”) 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
INTERIOR FITOUT

- All interior components lightweight cored panels
- Cabinetry-teak veneers/solids and where painted a satin finish
- Bulkheads, hull and deck heads a 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
- Large windows for good all round visibility
- Coffee/dining table
- Upholstered sofa seating in saloon/double bunk
- Led lighting
- 3 x fans

Nav Station

- Opening chart table
- Reading red/white light with flexible arm
- C Zone digital switch panel
Heads

- Light weight composite doors
- Stainless sink
- Head soles
- Carbon countertop
- Storage area/ cabinet
- Grohe faucet and shower set
- 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/ shelves with soft close lids
- Double bunk 220mm x 150m (7’2” x 5”)
- Mattress ventilation
- Storage under bunk
- 4 x Lewmar opening portlights
- 2 x escape hatches
Forward Cabin
- Lightweight composite door
- Hanging locker/shelves with soft close lids
- Double bunk 220m x 150m (7'2" x 5')
- 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/Corian countertop
- 130 litre (34.3 gal) 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
- Pressurized sea water with Grohe faucet
- Garbage drawer
- Roll out wine storage

Plumbing - fresh water system
- 1 x Quick 25 litre (6.6 gal) water heater
- 1 x 450 litre (118 gal) water tank
- 1 x water pressure system pump
- 1 x deck shower at transom of main hull
- 1 x dock water inlet
Plumbing sea water-system

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

Waste water

- 2 x holding tank 60 liters (15.8 US Gal)

Waste water

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

STEERING & RUDDER BLADE

- Single wheel Jefa custom steering system includes 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
OPTIONS - Prices on request

- North or Incidence asymmetric spinnaker or gennaker and storm sail
- Electronics package / B&G / Raymarine / Garmin
- Electric stove / oven
- Water maker
- Freezer, top loading
- Wallas diesel heater
- Electric toilets
- Anti fouling
- Flooring options
- Shade covers
- Generators / Watt & Sea hydro-generator / solar panels
- Air conditioners
- 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
VELOcity PREDICTION COMPUTER ANALYsys
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