

# M.A.T.

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## M.A.T. 1070

### Specification

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#### Type

10.70 m dual purpose yacht aimed at providing competitive racing performance and comfortable accommodation

#### Design

Nivelt-Muratet Yacht Design  
Bernard Nivelt, Alexis Muratet  
ISAF certified compliance with International Standard ISO 12215

#### Design Category

CE category A

#### Dimensions (preliminary)

Length overall	10.70 m	I	14.70 m
Hull length	10.70 m	J	4.15 m
LWL	9.55 m	P	14.35 m
Beam max	3.62 m	E	4.9 m
Draft	2.2 m	STL	4.85 m
Displacement	4700 kg		
Ballast	2250 kg		
Fuel tank	60 l		
Fresh Water tank	100 l		

#### Construction

Hull, deck and bulkheads produced with vacuum assisted resin infusion technology in Airex PVC foam cored Scott Bader vinylester/e-glass  
Light composite interior modules  
NPG gelcoat on hull, deck, bulkheads and interior modules  
Molded nonskid on deck and cockpit floor

#### Keel

Antimony hardened lead fin keel 2250 kg  
Lead keel CNC machined to exact designed shape

#### Rudder and Steering

CCI Composites carbon fiber rudder stock and composite rudder  
Jefa high performance self-aligning top/bottom rudder bearings  
Carbon fiber tiller  
*Carbonautica composite twin wheel steering on request*

#### Deck

Primary winches: 2 x Harken radial B46.2 STA self-tailing 2 speed  
Main sheet winches: 2 x Harken radial B40.2 STA self-tailing 2 speed  
Halyard winches: 2 x Harken radial B40.2 STA self-tailing 2 speed  
Harken block and car package  
Transverse jib tracks  
Windward sheeting main sail car  
Spinlock XTS rope clutches  
Custom alloy fairleads  
Custom tempered glass coachroof windows  
2 opening Lewmar portlights in cockpit  
1 opening large Vetus foredeck hatch  
Molded toe rail to mast  
Stainless steel stanchions, pulpits and pushpits  
4 mm S/S lifelines, 620 mm high, Bluewave terminals  
Custom stainless steel chainplates recessed in hull  
Recessed companionway sliding hatch

#### Mast and Rig

Composite mast collar  
Sparcraft alloy performance mast with 2 sets of aft swept spreaders  
Rod rigging  
Alloy deep section racing boom with internal outhaul purchase  
Alloy mechanical vang  
LED navigation lights/anchor light on mast  
1 main halyard sheave  
1 Cl I height jib halyard sheave  
1 wing spinnaker/jib halyard sheave to spectacle at I height  
2 masthead spinnaker halyard sheaves

*Axxon Composites carbon fiber mast and boom on request*  
*Axxon Composites carbon fiber spinnaker pole on request*  
*CCI Composites carbon fiber bow sprit on request*  
*Internal mast jack on request*

#### Engine

Yanmar 21 Hp diesel engine with sail drive  
Vetus Sea water filter  
60 l Vetus diesel tank  
Diesel filter with water separator  
Vetus waterlock on exhaust line  
Southco Marine diesel fill on deck  
Radice 2 bladed folding propellers  
Teleflex single lever engine control

#### Accommodation

All bulkheads and other interior modules in PVC foam cored GRP composite  
White gelcoat finish on interior modules  
White painted interior hull and deck surfaces  
Custom SS T nuts for deck gear mounting – companionway to forward hatch  
High density foam cushions  
Central salon area with settees port & starboard  
Galley between mast and mast bulkhead, s/s sink, cooker, refrigerator compartment  
Enclosed head to forward of mast bulkhead  
Double berths port & starboard aft, portlights for naturel light and fresh air  
*Enclosed cabins with doors on request*

#### Installations

100 l Plastimo flexible fresh water tank  
Jabsco pressurized water system  
Can Marine S/S hand basin in head  
Whale mixer tap/pull out shower head  
Can Marine S/S galley sink  
Whale mixer tap  
Jabsco manual bilge pump in cockpit 3.000 l/h  
Rule electric bilge pump 3.400 l/h  
Jabsco marine toilet  
Tru Design marelon flush seacocks and ball valves  
Southco Marine fresh water fill on deck  
12 volt DC  
12 volt 60 A alternator on engine  
1x110 Ah Victron Energy AGM house battery  
1x70 Ah Victron Energy starter battery  
BEP Marine battery management panel  
BEP 12 volt DC 8x distribution panel with automatic circuit breakers  
Frensch Lighting dimmable LED interior lights