

# M.A.T.

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## M.A.T. 1070

### Preliminary Specification

October 2018

#### 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	2300 kg		
Fuel tank	50 l		
Fresh Water tank	100 l		

#### Construction

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

#### Keel

Lead fin keel 2300 kg (approximate)

#### Rudder and Steering

Composite rudder and carbon fiber stock  
Jefa high performance self-aligning top/lower rudder bearings  
Tiller steering or 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  
Spinlock rope clutches  
Custom alloy fairleads  
Custom laminated tempered glass coachroof windows  
2 opening BSI Moonlight portlights in cockpit  
1 opening Vetus foredeck hatch  
Molded toe rail to mast  
Stainless steel stanchions, pulpits and pushpits  
4 mm S/S lifelines, 620 mm high  
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

*Carbon fiber mast and boom on request  
Carbon fiber spinnaker pole on request  
Carbon fiber bow sprit on request*

#### Engine

Yanmar 21 Hp diesel engine with sail drive  
Sea water filter  
60 l diesel tank  
Shut off valve between the diesel tank and the engine, diesel filter with water separator  
Diesel fill on deck  
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 flexible fresh water tank  
Jabsco pressurized water system  
S/S hand basin in head  
Whale mixer tap/pull out shower head  
S/S galley sink  
Whale mixer tap  
Jabsco manual bilge pump in cockpit 3000 l/h  
Rule electric bilge pump 5.678 l/h  
Jabsco marine toilet  
Marelon flush seacocks and ball valves  
Fresh water fill on deck  
12 volt DC  
12 volt 60 A alternator on engine  
1x110 Ah house battery  
1x70 Ah starter battery  
BEP 12 volt DC distribution panel with automatic circuit breakers  
LED interior lights