



# GO NEPTUNE

## Technical Specifications updated March 2006

Managing Authority:  
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Designer: Jacques FAUROUX  
Producers: NEPTUNE and GO CATAMARAN  
Category of conception: C  
Additional comment: Hulls and specifications of Neptune 550 and G 550 are identical. Only the deck lay-out and the rounded stem above the waterline are different

### Hull specifications:

Material: GRP or sandwich  
Hull length: 5,500 m  
Length Waterline: 5,250 m  
Maximum beam: 2,450 m  
Mini/maxi draught: 0,300/1,100 m

### Ballast:

Material : Lead or cast iron  
Location: in hull

### Sails:

All sails to comply with the Micro Class Rules.

In addition:

#### Mainsails

Area: 12,00 sq.m Luff Length: 7,100 m  
HB: 0,130 m MGT: 0,710 m  
MGU: 1,230 m MGM: 1,850 m  
MGL: 2,300 m E: 2,600 m  
Foot roach: 0,150 m  
Top batten, length 1,170 m at no less than 1,420 m from Head Point  
2 battens, length 0,858 m  
2 reefs, 2<sup>nd</sup> reef no less than 1,775 m from Clew Point

#### Grandfathering: Mainsails made before 2002:

Complying with former Micro Class Rules (Appendix3, A3.01)

Area: 12,00 sq.m Luff Length 7,100 m  
E1: 0,130 m  
E2: 1,100 m E3: 1,830 m  
E4: 2,390 m E5: 2,750 m  
Foot Roach: 0,150 m  
3 battens, length 0,680 m  
2 reefs, 2<sup>nd</sup> reef no less than 1,775 m from Clew Point

### Rig Specifications:

Type : 7/8<sup>th</sup>  
Number of spreaders: 1  
Backstay: one, allowed  
Running Backstays : prohibited  
Top Shrouds: fixed  
Lower Shrouds: may be adjustable  
Position of shrouds fittings: fixed  
Forestay: fixed or adjustable  
Maximum Spinnaker Pole Extension: 2,250 m

### Accommodations:

Height above cabin sole: 1,250 m  
Number of berths: 3  
Stowage: mandatory  
Number of windows: 2

Production began: 1979 (Neptune)  
2005 (Go 550)  
Production ceased: 1984 (Neptune)  
Number of boats produced: 200 (Neptune)  
20 (Go 550, 02/2006)

### Buoyancy:

Volume: 730 litres  
Nature: Expanded polystyrene or other approved material

### Centreboard:

Material: GRP, additional ballast allowed, material with density no more than lead  
Weight: 10 kg <= weight <= 45 kg  
Minimum boat Weight: 540 kg

### Grandfathering: mainsails made before May 2004:

Complying with Micro Class Rules (Section 5)

Area 12,00 sq.m Luff Length 7,100 m  
E between 2,600 m and 2,750 m  
Foot roach: 0,150 m  
Top batten, length no more than 45% E at no less than 1,420 m from Head Point  
2 battens, length no more than 33% E  
2 reefs, 2<sup>nd</sup> reef no less than 1,775 m from Clew Point

### Headsails

Area 6,50 sq.m Luff Length: 6,500 m  
Longest Perpendicular: 2,000 m  
Variant : Luff Length: 6,340 m  
Longest Perpendicular: 2,050 m  
Foot Roach: 0,100 m – 2 battens allowed  
A second headsail with same limits is allowed

### Spinnaker

Area 19,60 sq.m Leech Length 6,400 m  
Half Width 3,730 m Foot Length 3,450 m

### Grandfathering: spinnakers made before 2006

Complying with Micro Class Rules Appendix A3.02  
Area 18,50 sq.m Leech Length 6,400 m  
Half Width 3,800 m Foot Length 3,240 m

### Mast:

Material: aluminium  
Length: 7,950 m  
Minimum Section: 75 x 57 mm  
Minimum weight: 1,100 kg/m  
Tapering: allowed  
Position of mast: fixed while racing  
Distance Mast Foot / Lower Limit Mark: 0,600 m +/- 0,020 m

### Additional Specifications:

Rubbing strakes: mandatory  
Headsail Luff tensioning system: allowed  
Headsail furler: allowed  
Sealing strips for the centreboard slot : allowed

Note: Boats with experimental masts (any section, any weight, any material) are allowed as production Micros, but may not be ranked in specific Go-Neptune rankings.