

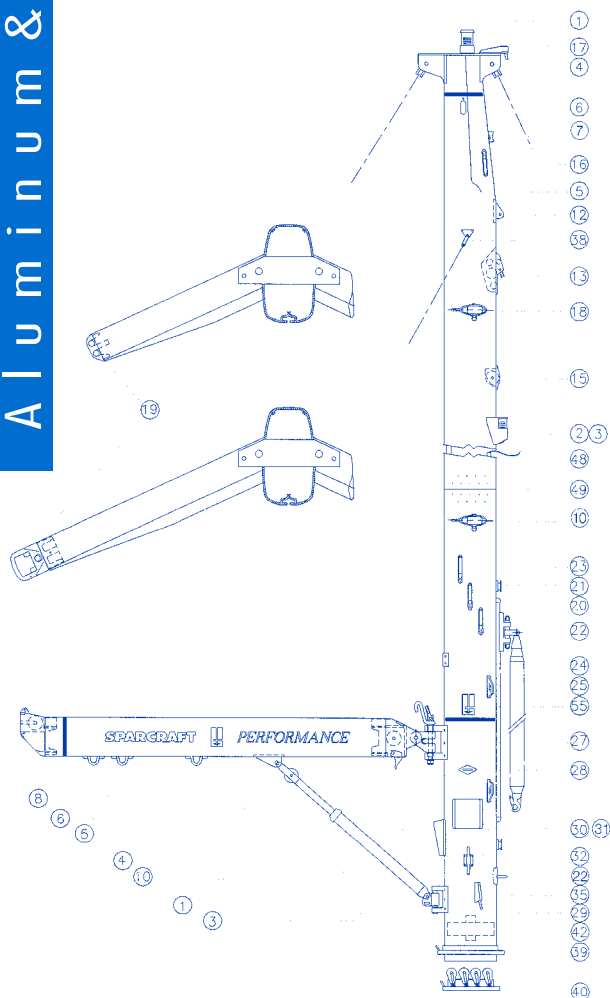


# Performance

# CHARLESTON SPAR

## Performance line

*PERFORMANCE* is a range specifically designed to suit the needs of the performed racing or cruising/racing riggings.



### MÂT MAST

- 1 - Mast head light
- 2 - Steaming light
- 3 - Deck light
- 4 - Mast head
- 6 - Upper shrouds attachment
- 7 - Inner forestay attachment
- 13 - 7/8 forestay equipment
- 15 - Sheave box
- 16 - Internal spi (entry)
- 17 - External spi attachment
- 18-10 - Spreaders set
- 19 - Spreaders tips
- 20 - Spinnaker track
- 21 - Spi track block
- 22 - Spi equipment
- 23 - Halyard exits
- 24 - Sail gate
- 25 - Clam-cleat
- 27 - Gooseneck attachment
- 28 - Pad eyes
- 29 - Articulated kicker
- 30-31 - Winch pads
- 32 - Cleats
- 22 - Pad eyes
- 7 - Lead
- 38 - External tangs
- 39 - Deck collar
- 40 - Mast step
- 42 - Internal water-proofing
- 48 - Electrical conduits and wires
- 49 - Internal splices
- 53 - Blocks
- 55 - Stickers

### Mast fitting

- BÔME BOOM**
- 1 - Inboard end
- 3 - Complete gooseneck
- 4 - Kicker attachment
- 5 - Main sheet attachment
- 6 - Reefs attachment
- 8 - Outboard end
- 10 - Rod kicker
- 1 - TANGON POLE**

|  | ■ Dimensions (mm) | ■ IXX' (Cm4) | ■ IYY' (Cm4) | ■ Weight (Kg/M) |
|--|-------------------|--------------|--------------|-----------------|
|  | 80 x121           | 78           | 165          | 2,65            |
|  | 90 x140           | 135          | 400          | 3,67            |
|  | 98 x160           | 190          | 580          | 4,66            |
|  | 104 x188          | 305          | 940          | 5,40            |
|  | 110 x202          | 380          | 1050         | 5,99            |
|  | 116 x215          | 460          | 1375         | 7,06            |
|  | 123 x227          | 580          | 1680         | 7,8             |
|  | 130 x245          | 740          | 2450         | 9,02            |
|  | 144 x264          | 1060         | 3250         | 9,94            |
|  | 155 x285          | 1395         | 4250         | 11,44           |
|  | 185 x315          | 2410         | 6750         | 14,19           |
|  | 205 x340          | 3405         | 8760         | 16,32           |
|  | 223 x400          | 4440         | 12600        | 18,00           |

# Masts



- Aluminum & Composite
- Efficient riggings
- A full range of standard and optional parts



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## Performance sections



■ The sections of the Performance line are available for racing or fast cruising for boats up to 72 feet.

## Mastheads



■ Different models are available according to your sailing needs : fractional or mast head rig, extruded, tapered or non. There are several sheave options.

## Spreaders



■ The spreader sections are profiled and the spreader roots are specially designed for rigging with emphasis on loads and high stability.

## Equipment



■ More than 12,000 Charleston Spar parts are available to meet your needs : cleats, winch pads, spinnaker gear, tips or thru-bars of spreaders...

## Performance Design

■ The profile and functions of the mast parts are optimized in the design. The Performance range takes into account the specifications of racing type rigging: weight, strain, performance and aerodynamics...



## Fabrication / Manufacturing

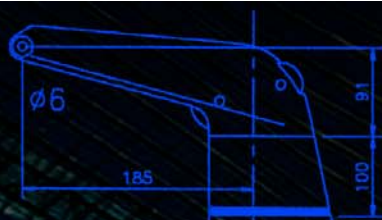
■ We use the most recent techniques in aluminum and carbon manufacturing to develop your products to perfection.

## Garantie / Warranty

■ All our products have a one year warranty.

## Performance Reference

■ Mass series are equipped with Charleston spar Performance Line : Catalina, C&C, First, JBoat, Oceanis, Tartan, Multihulls,...



Your CHS distributor

# CHARLESTON SPAR Performance Engineering