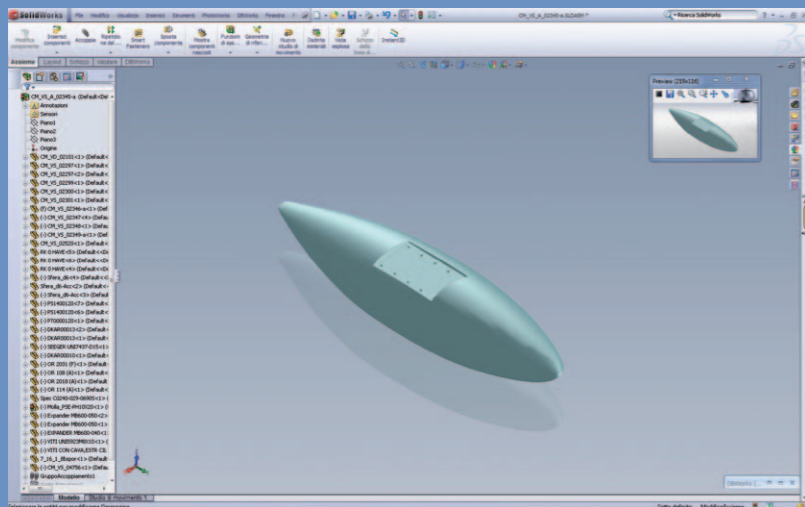


BULB - FIN



Cariboni produces and machines at the CNC milling machine bulbs for performance sailing yachts.

The bulb production started with the re-fitting of a new GP42 by Barracuda Yacht Design.



JP 54 Hydraulic system

BULB

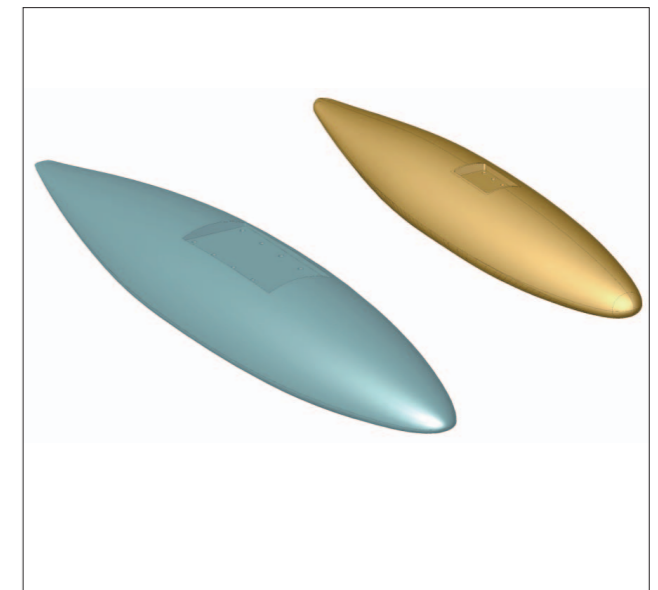
The advantages of a CNC milled bulb are:

- Best control of hydrodynamic shape to increase under-water performances
- Sharp control of the bulb weight and its center of gravity
- Lower center of gravity compared to fin & bulb forged system

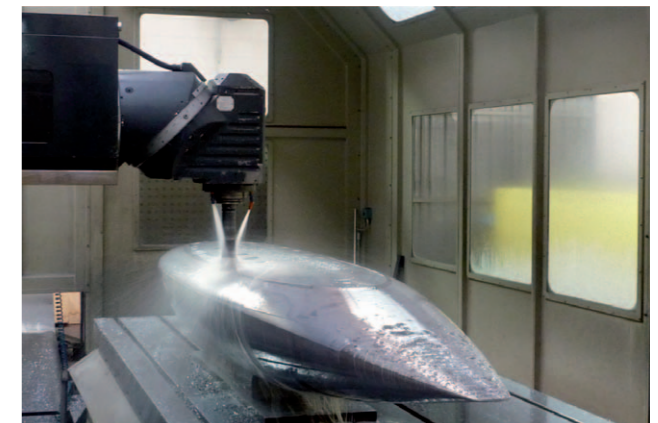
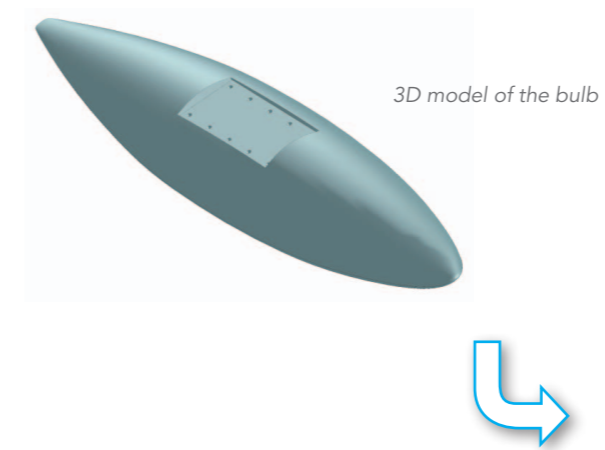
The steps to create a bulb are:

- 3D model with the surfaces and the details to attach it to the fin
- Starting from the 3D design we machine out a plastic model of the bulb which will be used to build the mould for the real lead one
- The lead is placed on our CNC milling machine to get the final shape.

We can produce any size of bulb: from the small 2 tons unit for the GP42 race up to the 7 tons for a fast cruiser. Bigger bulb are also available on request.



Above you can see two 3D models of bulbs



CNC milling machine



Bulb ready to be painted