



MAECO

FENICE 500



MAECO di Simioli Nicoletta Via Vittor Pisani 26 – 55049 Viareggio (Lu) Italia
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Cassa di Risparmio di San Miniato – Filiale 201 Viareggio 2

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WINNING TECHNOLOGY:

This photo shows a polyethylene workboat purchased in 2003 by the owner of a fish farm who works daily in open sea, both in summer and winter, often in hard conditions and then continuously subjected to strong mechanical stress and wearing due to rubbing of metal cages and fish basin as well as leaning against concrete jetties.

The owner stated that he had never done any maintenance or repairs, and despite all this continues to remain intact as the day he bought it over 12 years ago.

A polyethylene boat after 12 years of use

STRENGTH AND ENDURANCE:

“FENICE” is made with materials, manufacturing process and structures which ensure solidity and durability.

To support design calculations we did several tests a product with similar characteristics and of the many tests, we describe the two most impressive:

1. **TEST:** the product was thrown to the ground on a concrete floor from a height of over 10 meters
Conclusion: intact not even a dent.
2. **TEST:** The product was leaning against a concrete pillar, while a forklift pressed a wood board of 5x5x50 cm. all-out against it.
Conclusion: a deformation of ¾ cm with a return to its original shape after removing the pressure.

In case of needs we can eventually repair the boat in structural way and “in loco”. We only need for a special tool we have, only power and a compressor for few minutes.

“FENICE” has a thickness of 13 mm of polyethylene “MD” coloured at the origin and UVA protected.

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SAFE AND CONFORTABLE NAVIGATION:

The “FENICE” hull has an entry angle of about 23° and this allows the boat to have a stable and very comfortable attitude (trim) provided that the speed is adjusted to the sea conditions. In fact, the experienced sailor says: “Speed is decided by the sea, not by the captain”.

WHY “FENICE”:

Here are 10 good reasons to choose “ FENICE” instead of a traditional rubber dinghy:

- 1° Low power absorption.
- 2° Safe payload 1.600 kg, (corresponding approx. to the weight of engine, accessories and people).
- 3° Usable internal space equivalent to that of a rubber dinghy of about 6 mt.
- 4° Navigate with the same safety of a rubber dinghy.
- 5° The mooring is secure and protects the neighbouring boats without the need for fenders. 6° Self draining.
- 7° Navigates safely.
- 8° Unsinkable.
- 9° The boat can set up according to the Clients desires and it will adapt to their needs.
- 10° Reduction of operating and depreciation costs.

“FENICE” will remain as new in time ensuring a high resale value.

This is the most advanced way to have a superior quality at a competitive price and you, “sea lovers”, remember one of the most important thing: “FENICE “ is built with totally recyclable material for the protection of the environment in which we live and of the health of our children.



Gian Piero Lazzarone designer

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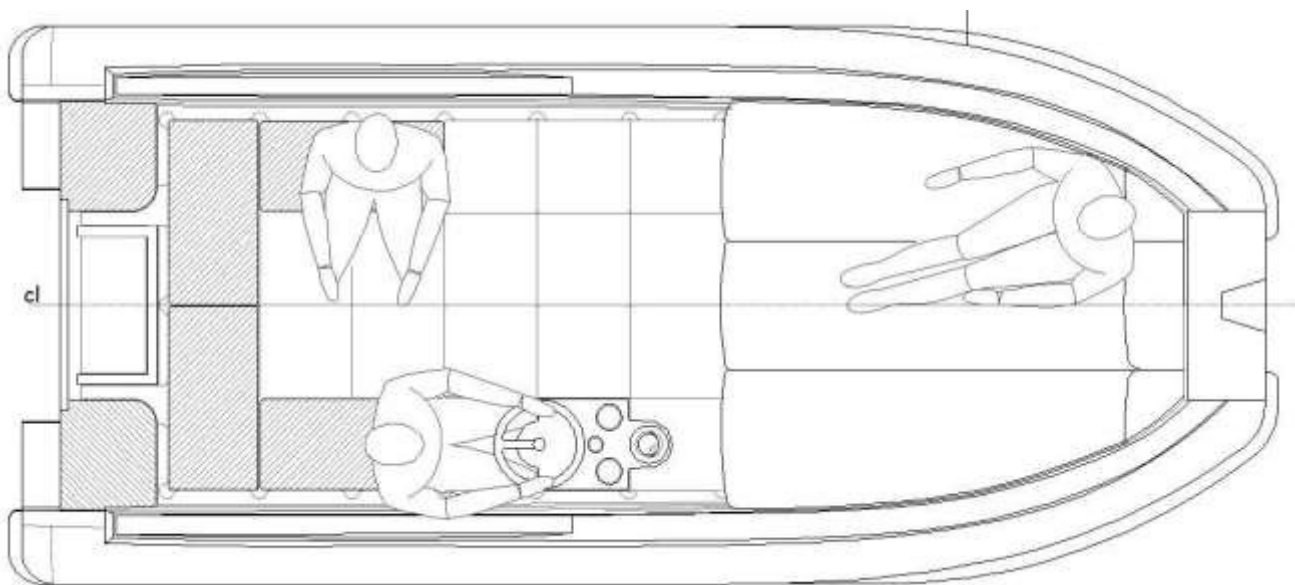
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FENICE 500 available layouts



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General features

Length:	o.a mt 5,00
Width:	o.a. mt 2.25
Height of construction:	mt. 1,25
Interior width:	mt. 1,55
Draft:	mt 0.34
Displacement:	t. 1,7
Maximum n° of people permitted on board:	8
Maximum load included people:	kg. 800
Estimated weight:	Kg. 350/360

- Material of construction: polyethylene MD coloured at the origin.
- Boat completely waterproof, unsinkable, with high lateral stability.
- Projected motorization, outboard engine long shaft 40, possibility of electric outboard engine for protected areas.
- Boat completely protected against any bumps in all parts by protecting ribs in rubber .
- Layout of the cockpit completely customizable at the order.

- CE homologation for 8 people



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“ FENICE 500” MOULD

The photo with people, allows you to see the size of the mould made of a special aluminium for moulds, machined by a CNC machine with a tolerance of 3/100 mm and polished entirely by hand to give an higher finishing quality.



This technical description is only for information and MAECO reserve the right to modify it, in order to improve the product.
In case of order, only the enclosed technical details will be valid.

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