

# Doors

Metalmeccanica Iacomelli Doors, are the result of an intensive study of materials and components, combined with the search for an innovative and elegant design that satisfies both the aesthetic needs of the owner and the practical needs of the captain and those of shipyard: easy installation, weather-resistant and completely watertight, durable, and ease to use.

This result is mainly due to the time and attention devoted to the most important elements such as: hinges, locks, handles and internal mechanics.





180° opening width through hidden hinges patented, made of Stainless Steel AISI 316 and polyamide with high mechanical performance, either with manual pantograph stainless steel AISI 316 arm or electric.

The locking system is easy to use and electric. This is the result of the technical development and the use of high quality materials.

The door is equipped with a sensor to detect its position, it is locked with a key which can also be a master key.

Our doors can be provided with painting proces and thermal and acoustic insulation.

The ergonomic handle with its linear and refined design is made entirely of Stainless Steel AISI 316 with or without door recess or in the MOONLIGHT version, which is our exclusive patent which allows the handle to recharge itself during the day through micro-solar panels and automatically light up at night.

The reliability and the durability of its components are guaranteed by laboratory tests which simulate the opening, the closing, the entire locking system of all the doors.

There is also the possibility to install an electric locking system (like a key pad) and customize the handle and hinges with a logo.

# Hatches

Metalmeccanica Iacomelli hatches, which are available in different styles and sizes both standard or custom made, represent the highest expression of both technology and aesthetics.

Curved or straight vertical or flush with a ventilation grid or prepared for the bonding of the teak boards, our hatches are characterized by a careful study of all the phases of their development, from their planning to their production up to the quality control which is carried out before their delivery.





Our hatches have a hidden hinge-system with an opening of 180° of polished Stainless Steel AISI 316 and polyamide with high mechanical performance which guarantees their reliability and durability. In addition to a system of hinges of very high level which ensures the product's reliability and durability, our hatches are equipped with one or more lever locks, designed and patented by our team of specialists. This allows you to have an ergonomic handle where, through a simple rotatory movement you will obtain the full strength of the lock. Thanks to its gaskets located in the hatch, our hatches have a high weather resistant performance.



Sliding hatches can be designed in any shape , size or glass surface. They are entirely made of Stainless steel Aisi 316 and can be either polished or painted. The opening and the sliding of this hatch, are extremely smooth thanks to rails and sliders which have stainless steel Aisi 316 ball bearings. The manual opening of the hatch is achieved through its handle which unblocks it when it is either completely open or closed. In this hatch it is also included a master key or electric locking system.



## Sliding hatches



# Flush hatches



Our flushhatches which can also be prepared for the bonding of the teak, are equipped with a locking system with 4 or more polished stainless steel dogs and it can be opened from the inside through a wheel or lever and from the inside through a removable star-lock.

This hatch has also a position monitoring sensor.

The adjustable gas spring made of stainless steel Aisi 316, allow the smoothness of the movement with the least effort.

Each yacht is a unique gem and as such, it deserves unique and individual features. To this effect, we have a team of designers who will find the best solutions for the hatches and the accessories range in order to satisfy our customer's needs even the most innovative.

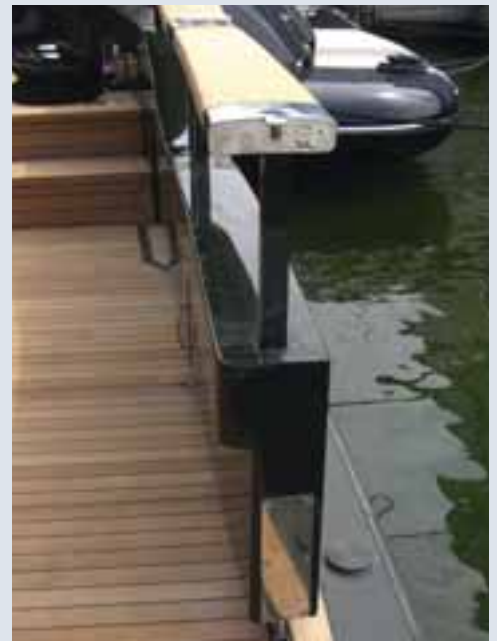
# Custom







## Bulkhead doors



The bulkhead doors include an aluminum door and stainless steel Aisi 316 frame or aluminum and they are provided to the shipyard in a kit, already assembled.

Their opening is 180° with hinges in stainless steel Aisi 316 polished and polyamide with high mechanical performance.

The locking system with traction handles and security pins opens them towards the inside and a rotating handle to open them towards the outside with a key, is adjustable and can be dismantled from the outside.

The peculiarity of this door is that during its functioning, it doesn't damage the bulkheads frame.