

Image courtesy of Sunseeker International



**kotniz**

The jeweler of marine hardware™



CATALOGUE



The jeweler of marine hardware™

# CATALOGUE

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# MISSION



Our success comes not only from new technologies  
- it comes mainly from our people.





The concept of the company emerged many years ago in response to the needs of the growing market for motor boats and yachts and demand for stainless steel and aluminum elements required for constructing floating vessels. Our policy is to provide the highest quality manually polished surfaces, attractive prices, just-in-time production, flexible cooperation and excellent service. For almost 40 years KOTNIZ, the leading supplier to the yacht industry in Poland and Europe, has expanded its client base which includes the largest and most notable European shipyards.

# ABOUT US





Headquarters in Poland



Kotniz Group employs more than 450 people in Poland and Portuguese department, our total surface area is 15 000 sqm.

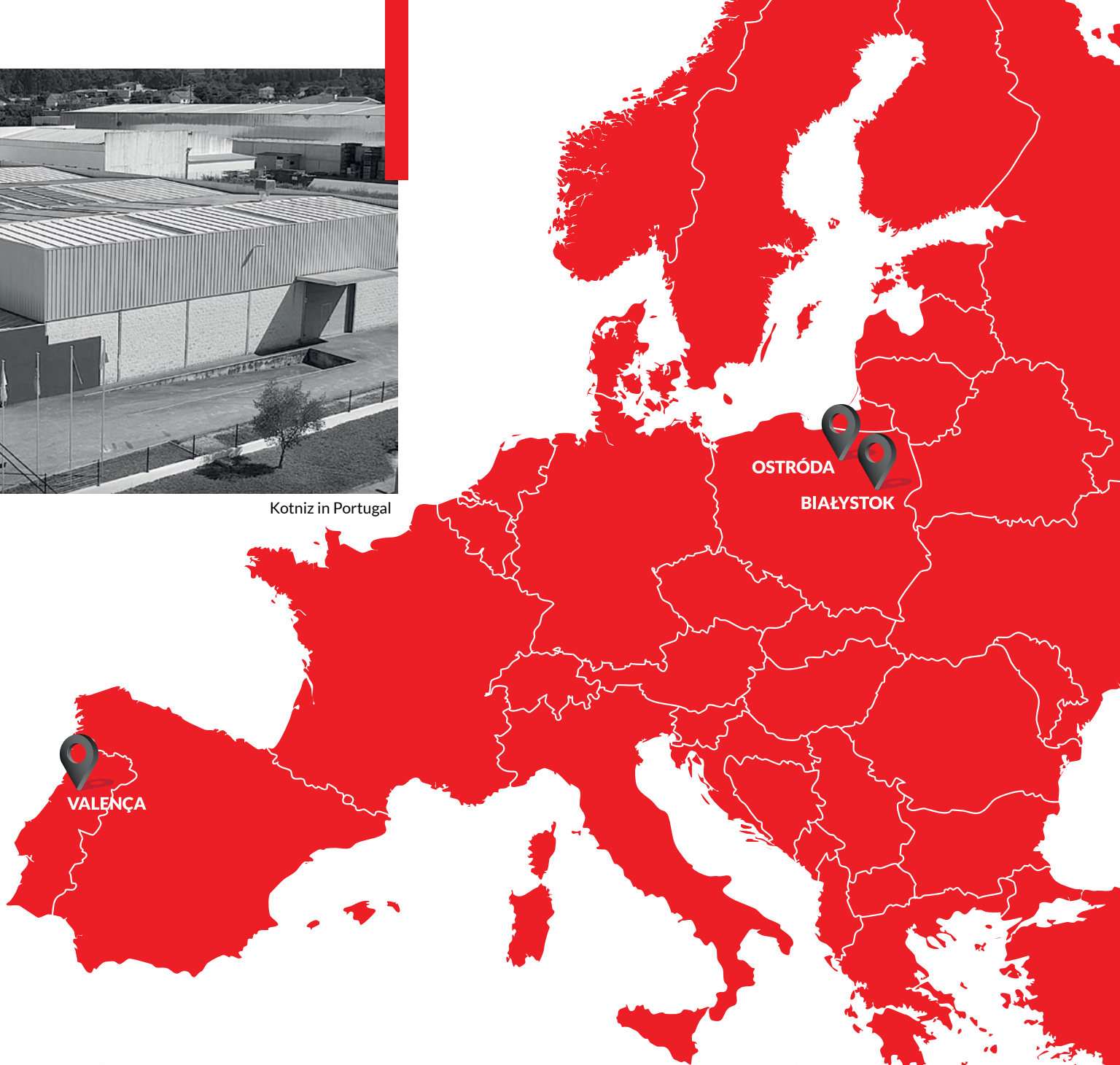


Kotniz Mazury in Ostróda





Kotniz in Portugal



KOTNIZ GROUP

# HISTORY



The company founded by Zdzisław Nietupski was established in 1978. The company was responsible for designing installations, gas networks and their execution.

In 1984 started production of steel boilers for central heating. They are fired with natural gas and fuel oil. In 1986 the production of electronic control of space heating processes with the above mentioned boilers was launched.

In 1987 the production of accessories for motor boats and sailboats made of acid-resistant steel began, which is currently the main activity of the company.

First cutting laser machine were launched in 2002. In 2009 started door and windows production, dedicated for marine industry. Few years later Kotniz has eight different door systems.

2021 - time of changes, new management team, the biggest investment plan in Kotniz history, new processes and products.

The customers are individual customers, shipyards and contractors from Europe and whole World.

• **1978**

Zdzisław Nietupski founds the company.

• **1992**

Zdzisław Nietupski transfers the company headquarters to its present place of business in Zaścianki.

• **1996**

First contract with our french customer.

• **2008**

The company expands into the european market.

• **2015**

Windshield production has began.

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• **2016**

The company cooperates with the most famous shipyards in Europe and World Portuguese department was launched.

• **2018**

40th anniversary of the company's foundation.

• **2022**

Kotniz Mazury started operating in Ostróda.

• **Today**

Nowadays, the company employs more than 450 people in Poland and Portugal.





# TECHNOLOGY

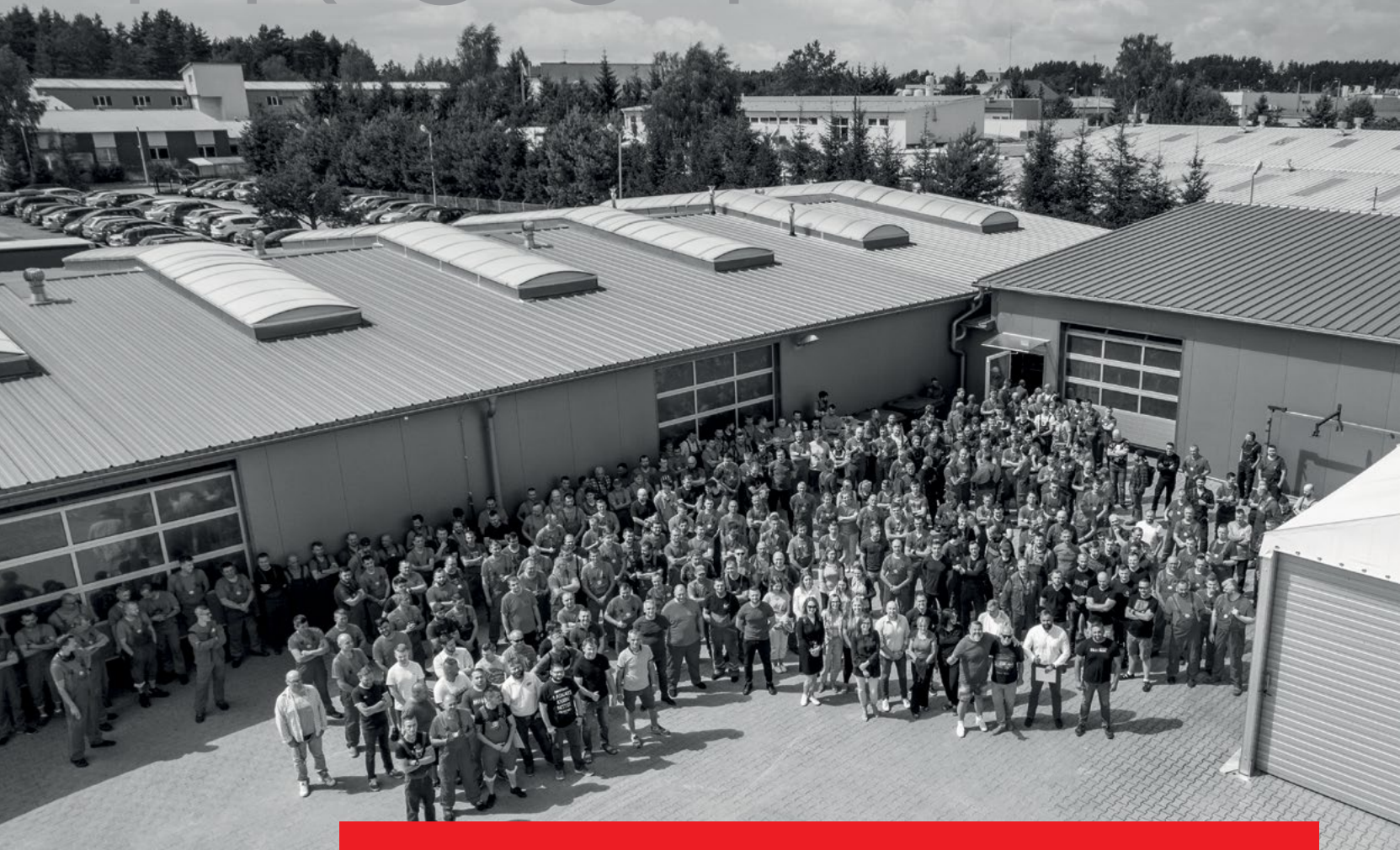
The principle of a good company is to achieve balance between the work of human hands and new production technologies in order to fulfill the most complicated demands of our customers. Nowadays CNC machines are as much important as our people who finish all our parts by hand.

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Proper CNC machinery park plays an important role in the process of cost optimisation, which is one of our key value to be competitive in the market.

We care for our environment to be able to set an example for others to think not only here and now. Let's leave the pure planet for the next generations. Green energy, reusable materials, more efficient machines - these are the foundations of the so-called circular economy which give us a new model of production and consumption of goods with sustainability.

# TRUST



Trust in co-operation is building by years. When you will reach it, you have to keep it. It is important to look widely to see many aspects of partnership. One of them is to secure production possibilities to be always 'just in time'. All our strategic machines are doubled to maintain continuity of production.



'Just in time' transportation service is one of our competitive advantage. We are able to deliver all our products during 48 hours to the farthest corner of Europe.



# PORTFOLIO



We produce all kinds of metal elements from steel and aluminium, present on sail and motor boats, for orders from shipyards and individual clients.



Our products combine the best materials, design, modern technology and the highest quality. All of these features allow boat designers to realize the most advanced projects.





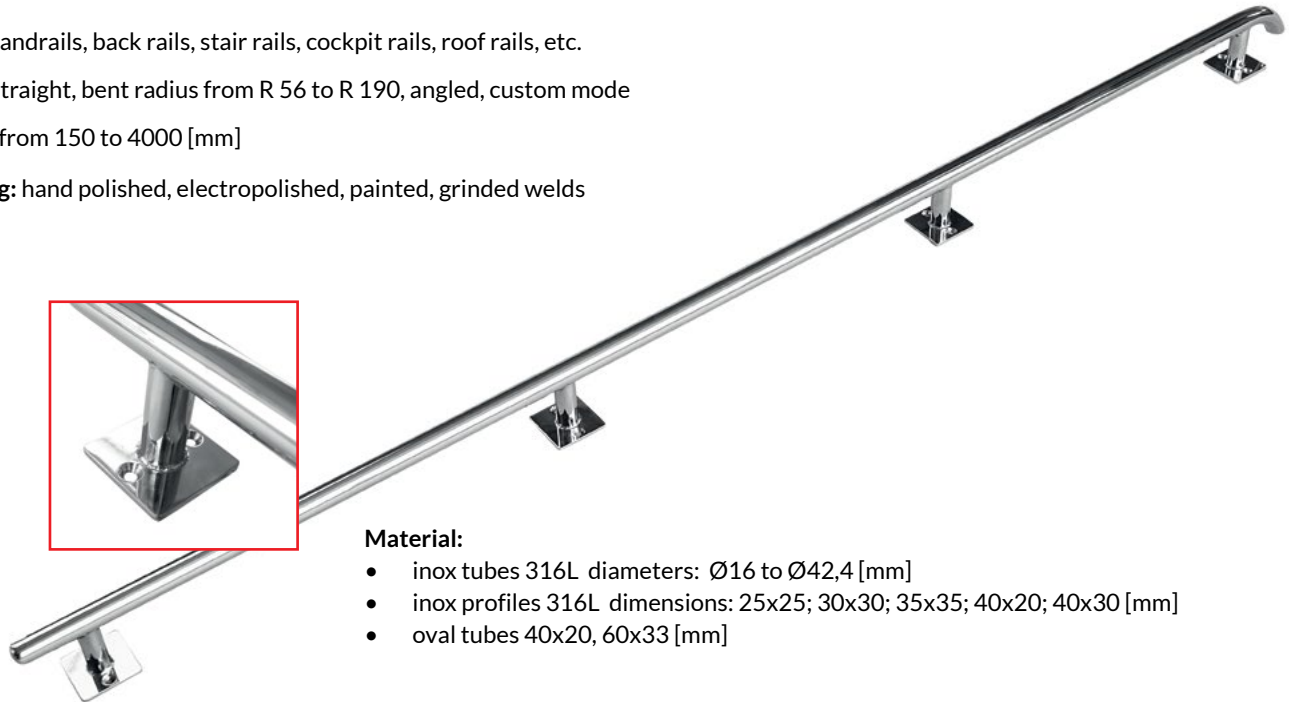
# RAILINGS

**Types:** handrails, back rails, stair rails, cockpit rails, roof rails, etc.

**Shape:** straight, bent radius from R 56 to R 190, angled, custom mode

**Length:** from 150 to 4000 [mm]

**Finishing:** hand polished, electropolished, painted, grinded welds



**Material:**

- inox tubes 316L diameters: Ø16 to Ø42,4 [mm]
- inox profiles 316L dimensions: 25x25; 30x30; 35x35; 40x20; 40x30 [mm]
- oval tubes 40x20, 60x33 [mm]

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**Fixing:**

stud / screw, welded nut, mounting plate / washer with holes, system with hidden mounting pins, sockets.

# RAILINGS WITH LEATHER COVER

**Types:** straight, bent, angled

**Length:** from 150 to 4000 [mm]

**Finishing steel parts:** hand polished, grinded welds

**Leather:** resistant on sea conditions, additionally glued to the rail, a large range of colors

**Material:**

- inox tubes 316L diameters: Ø16 to Ø42,4 [mm]
- inox profiles 316L dimensions: 25x25; 30x30; 35x35; 40x20; 40x30 [mm]
- flat steel plates according to customer specifications
- oval tubes 40x20, 60x33 [mm]



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**Sewing methods:** decorative seam on the straight and curved sections



**Fixing:** stud / screw, welded nut, mounting plate / washer with holes, system with hidden mounting pins, sockets.



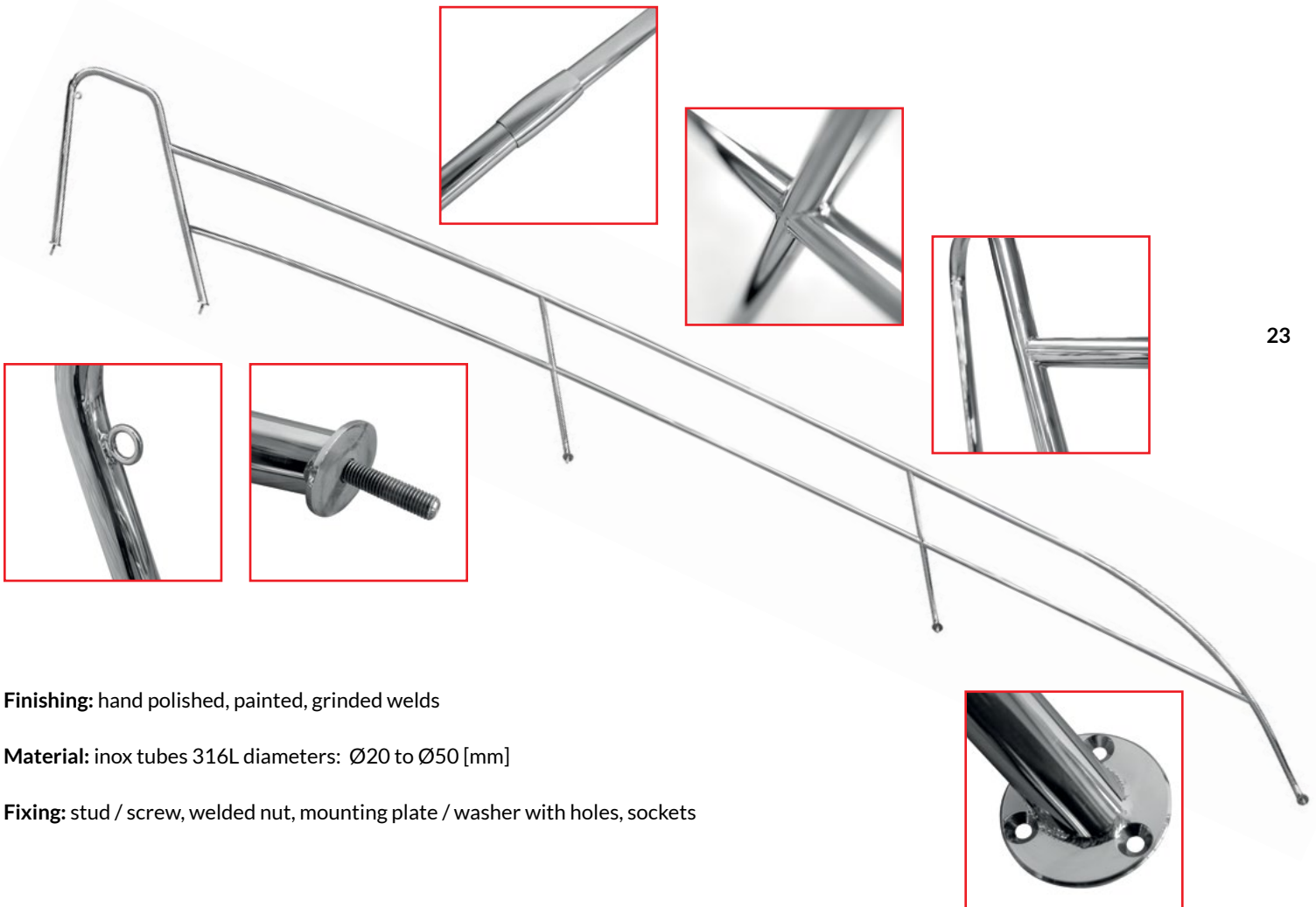


# PULPITS

**Types:** bow and aft

**Shape:**

- one-piece from 0.5 to 5.5 [m]
- multi-part from 5.5 to 20 [m] (with basket connectors, type: barrel or pilot in the middle of the tube)



**Finishing:** hand polished, painted, grinded welds

**Material:** inox tubes 316L diameters: Ø20 to Ø50 [mm]

**Fixing:** stud / screw, welded nut, mounting plate / washer with holes, sockets

# BOW ROLLER

**Types:** intended for anchors from 2.5 kg to 50 kg

**Shape / Construction:** made of one or many 316L steel sheets with thicknesses from 4 to 12 [mm], bent, welded according to customer specifications



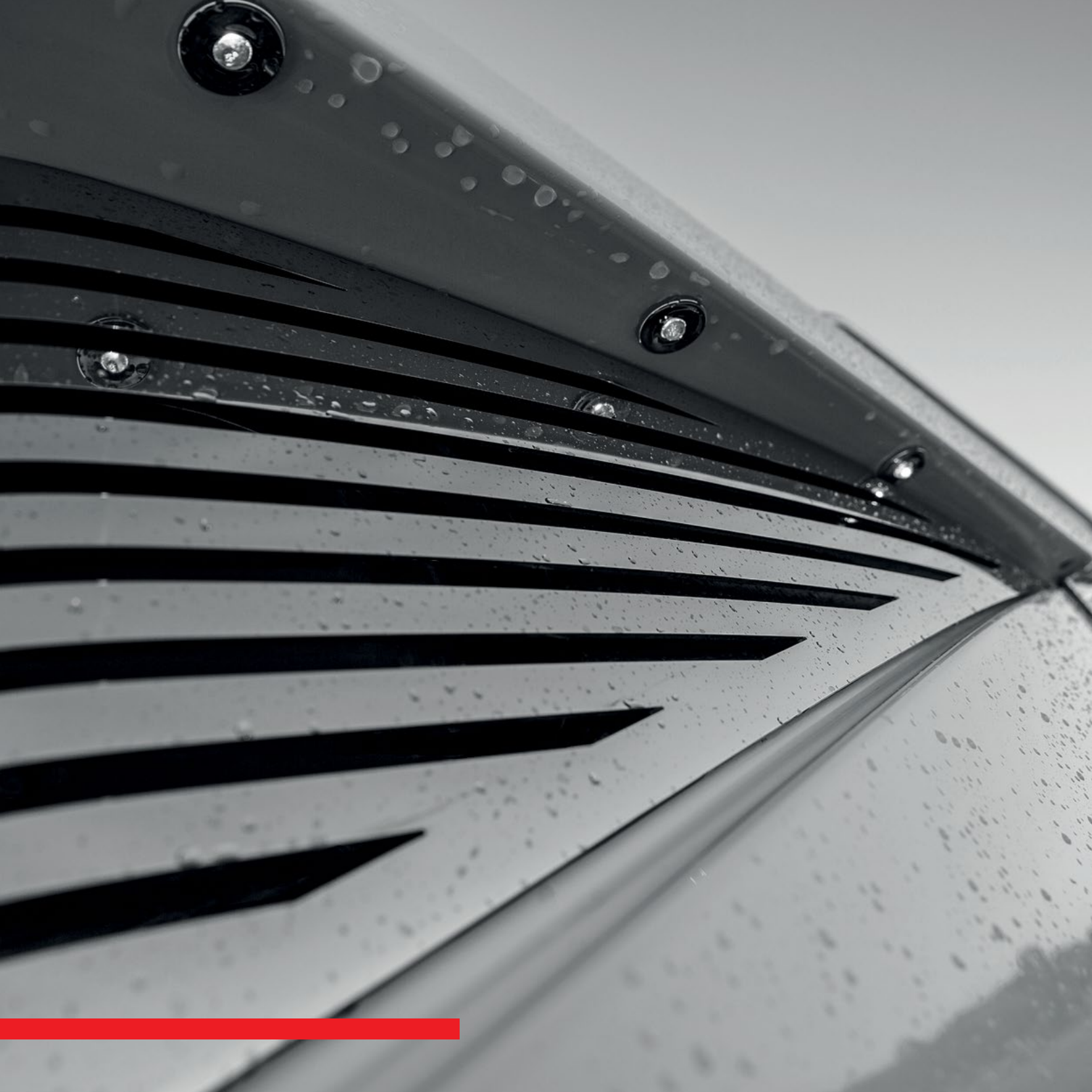
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**Finishing:** hand polished or electropolished

**Material:** roller made of POM-C (poliacetal copolimer) in natural and black, brass, bronze







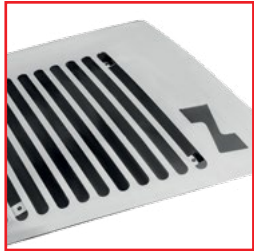
# AIR INTAKES

**Types:** flat - single-plane, spatial - multi-surface

**Shape:** cut on the laser, bent with sheet metal and weld, custom made

**Finishing:** electropolished, hand polished, anodized, painted

**Material:** inox 304, 316L, aluminum



# HINGE MECHANISM BACKRESTS

**Types:** seat backrests, armrests, hinges

**Shape:** bent with tube, sheet metal, custom made

**Finishing:** electropolished, hand polished, painted

**Material:** inox 304, 316L

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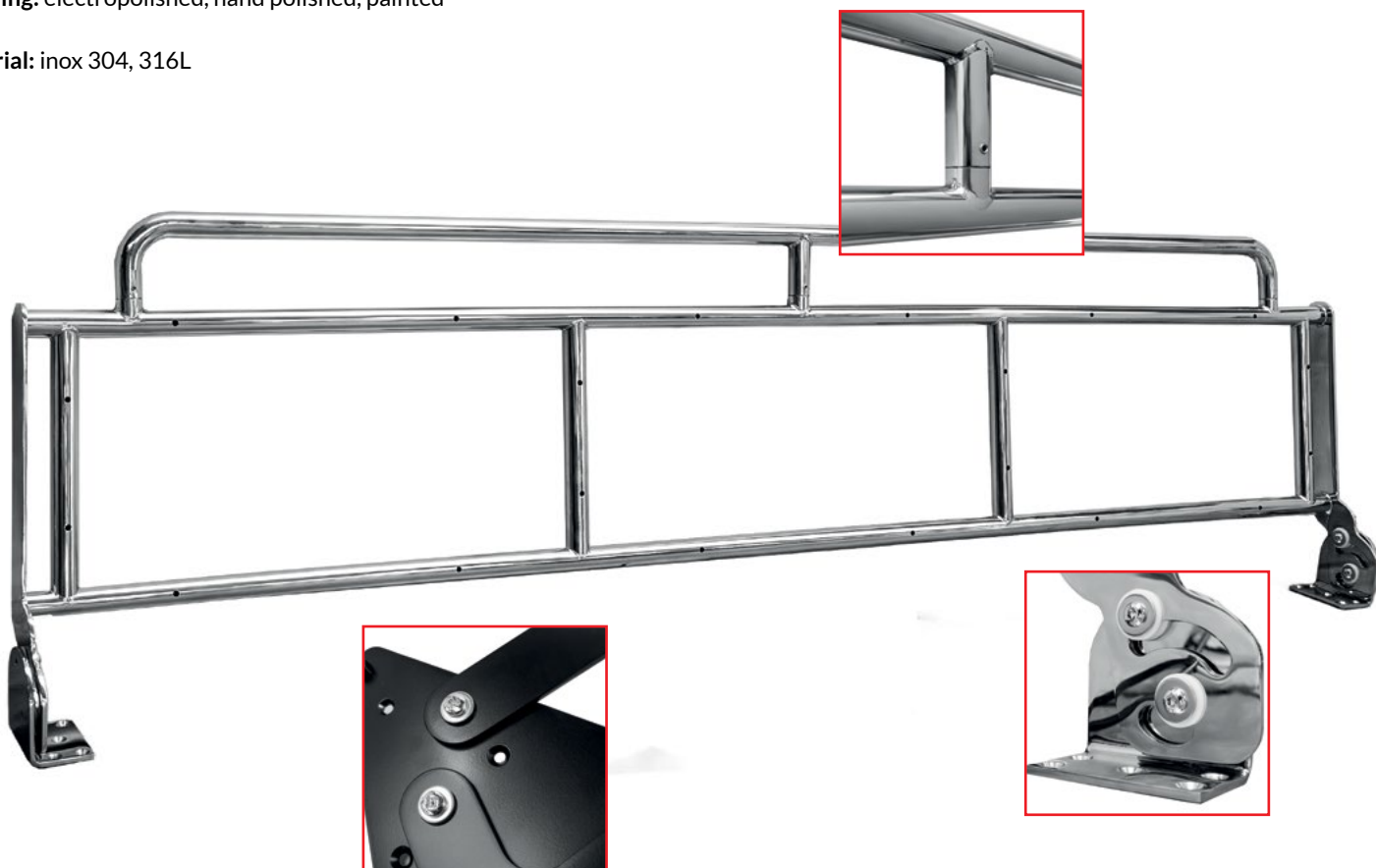






image courtesy of Sunseeker International

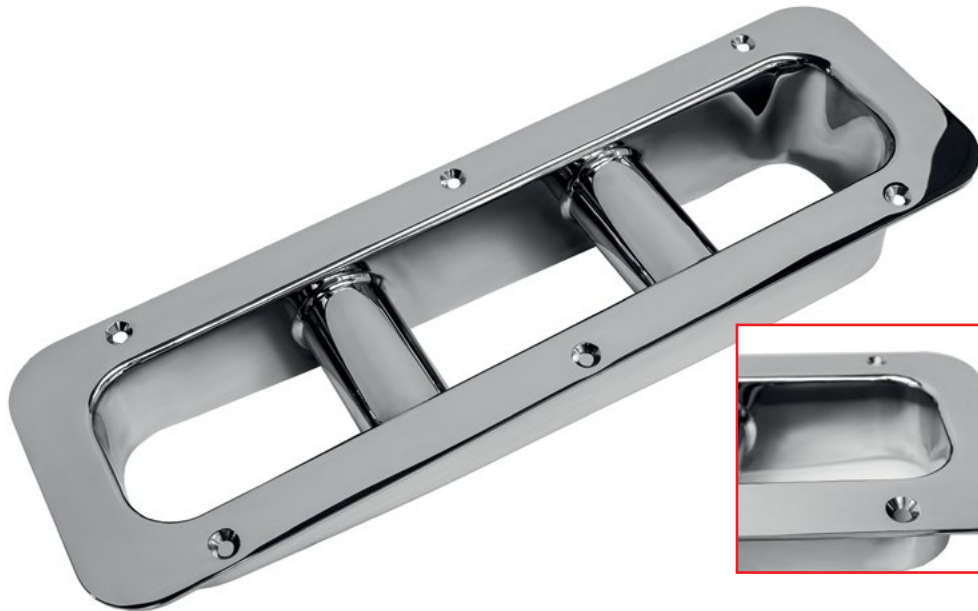
# FAIRLEADS SEMI-FAIRLEADS

**Types:** for small sailing boats, large motor yachts

**Shape:** according to customer specifications

**Finishing:** electropolished, hand polished

**Material:** inox 304, 316L



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# LADDERS

**Types:** simple, foldable, extendable (telescopic)

**Shape:** according to customer specifications

**Steps:** sheet metal, oval tube, tube with fastening elements (plates, angles), plastics, with anti-slip tapes (option)



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**Finishing:** hand polished

**Material:** inox 316L tubes or profiles







# STAIRS

**Types / shape:** straight, broken, spiral; with one or two handrails

**Finishing:** supports and handrails hand-polished; step of stairs are polished and prepared for the assembly of another material (e.g. wooden step) painted, grinded welds



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**Material:**

- inox 316L tubes: Ø60, 3x3; Ø76, 1x2; Ø88, 9x2 [mm]
- inox 316L profiles: 50x30x2, 50x50x3, 60x30x2, 60x40x3, 60x60x3, 80x40x2, 80x80x3, 100x50x3, 100x100x3, 120x40x3, 120x80x3, 150x100x4, 200x100x4 [mm]

**Step of stairs support:** bent sheets metal, profiles and tubes

**Handrails:** tubes, profiles and flat bar



Photo: Nicolas Claris

# TABLE LEGS

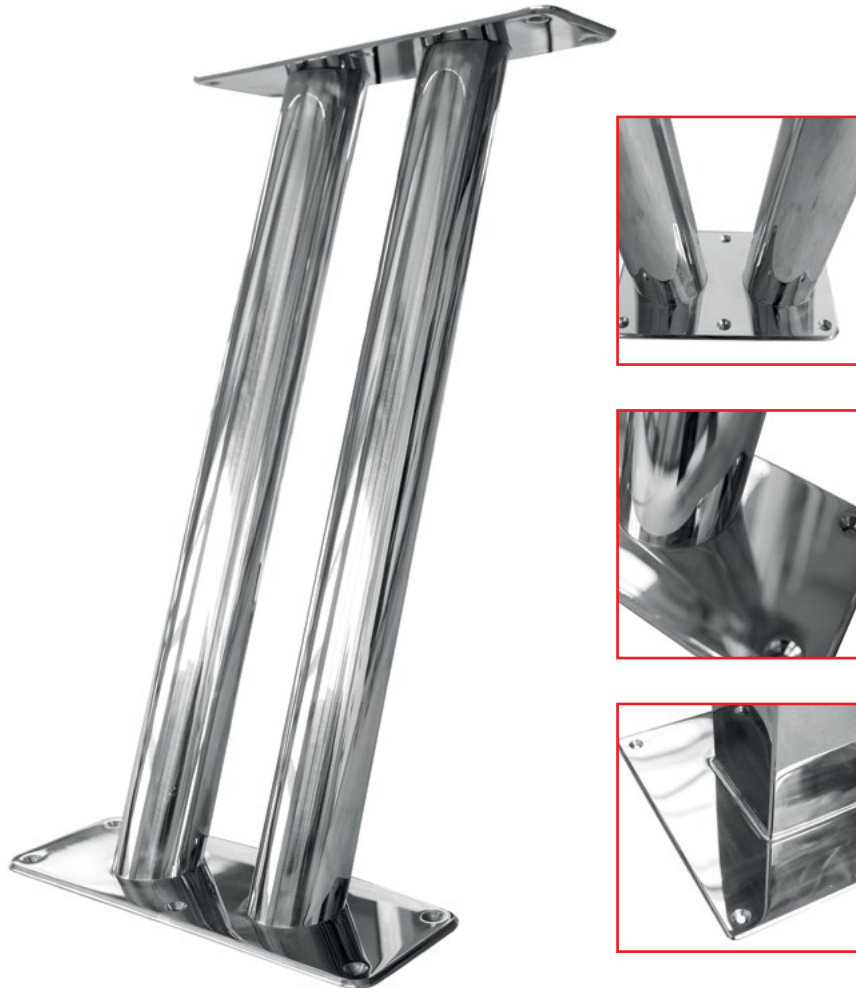
**Type:** one-piece; multiparts movable

**Shape:** according to customer specifications.

**Finishing:** hand-polished, grinded welds

**Material:**

- based on inox 316L tubes:  $\varnothing 60,3$ ;  $\varnothing 76,1$ ;  $\varnothing 88,9$ ;  $\varnothing 101,6$ ;  $\varnothing 200$  [mm]
- based on inox 316L profiles: 50x50, 60x40, 70x70, 80x80, 100x100, 120x120 [mm]
- based on inox 316L steel sheets: 3 to 10 [mm] thickness



# ELECTRIC TABLE PEDESTALS

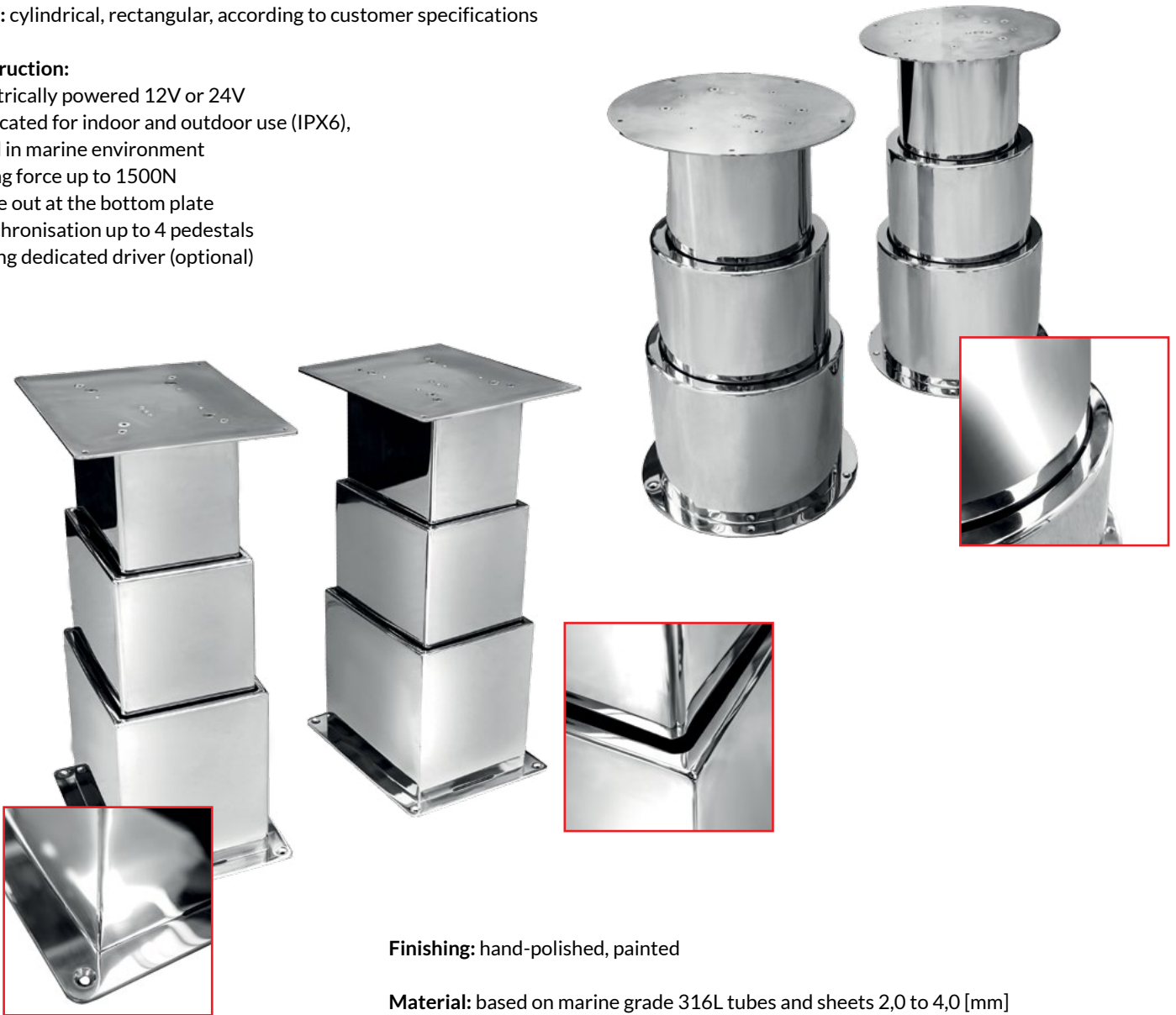
**Types:** multi-section column (two sections, three sections)

**Shape:** cylindrical, rectangular, according to customer specifications

**Construction:**

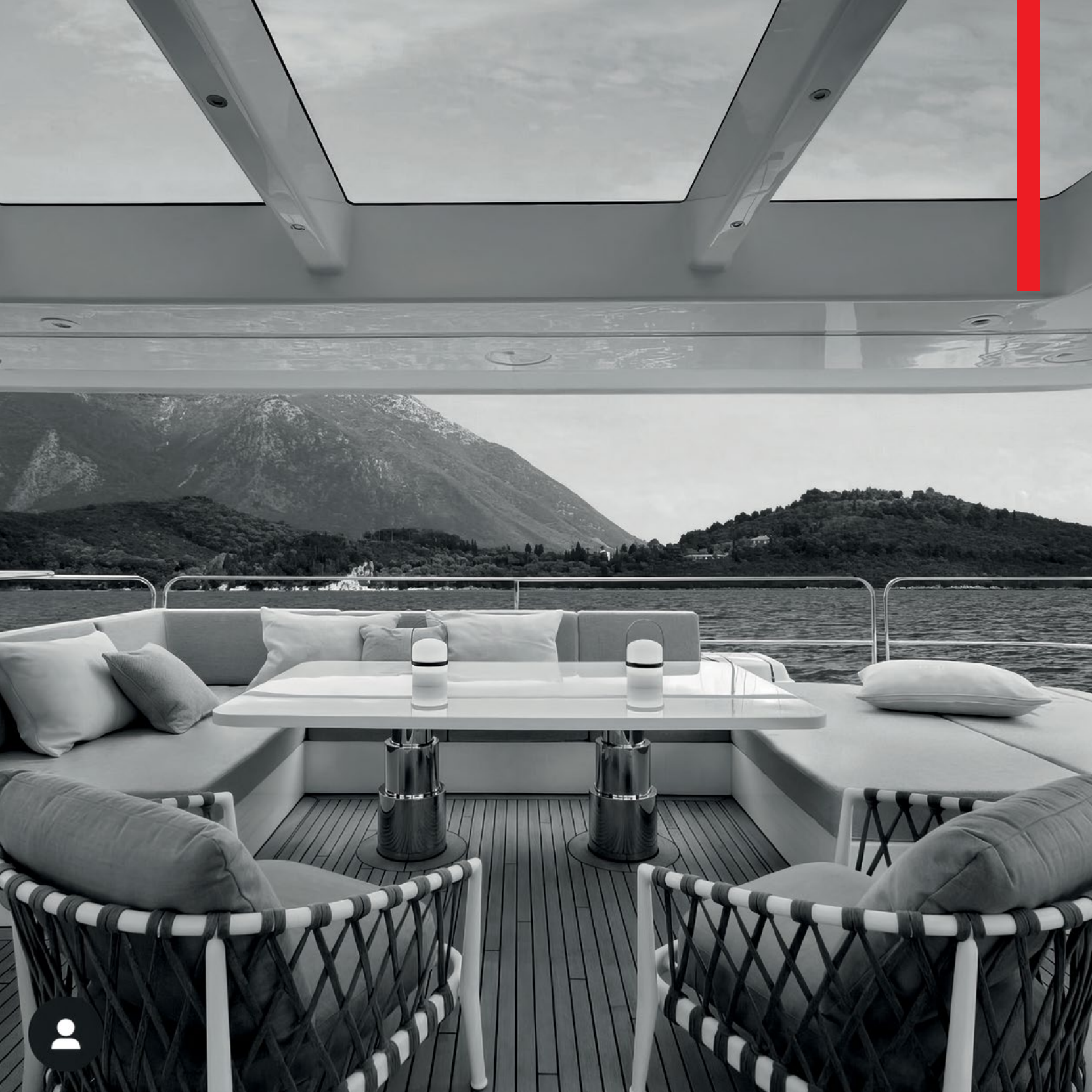
- electrically powered 12V or 24V
- dedicated for indoor and outdoor use (IPX6), tested in marine environment
- lifting force up to 1500N
- cable out at the bottom plate
- synchronisation up to 4 pedestals by using dedicated driver (optional)

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**Finishing:** hand-polished, painted

**Material:** based on marine grade 316L tubes and sheets 2,0 to 4,0 [mm]







# GATES GLASS WALLS

**Types:** one - piece, sets for two sides, with a locking system, full stern coverage,

**Shape:** bent with tubes, profiles, according to customer specifications

**Finishing:** hand polished, painted

**Material:** inox 304, 316L, aluminum, glass, PMMA



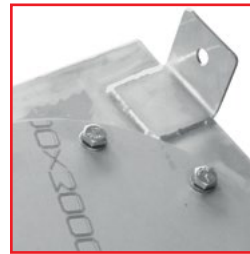
# TANKS

**Types:** fuel, water, waste-water

**Capacity:** from 12L to 850 L

**Shape:** according to customer specifications

**Material:** aluminum (PA11), inox (304) or (316 L)



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**Fuel tanks** are pressure tested according to ABYC-H24-2012

**Fuel tanks** are pressure tested according to PN-EN ISO 21487 with CE declaration of conformity.

**Waste-water tanks** are pressure tested according to PN-EN ISO 8099.

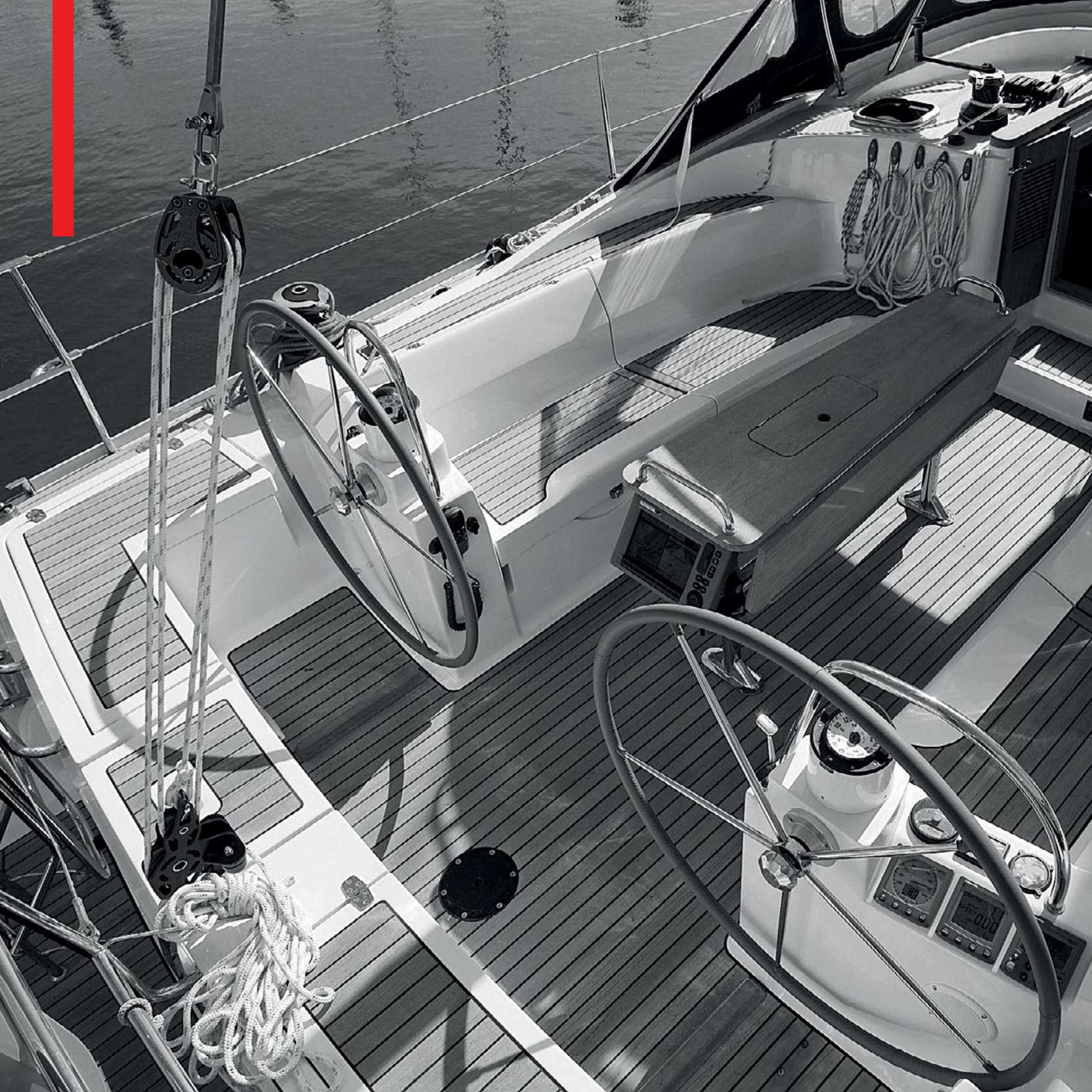
**Water tanks:** a leak test is carried out



YAMAHA  
**200**  
Variable Camshaft Tuning

YAMAHA  
**200**  
Variable Camshaft Tuning





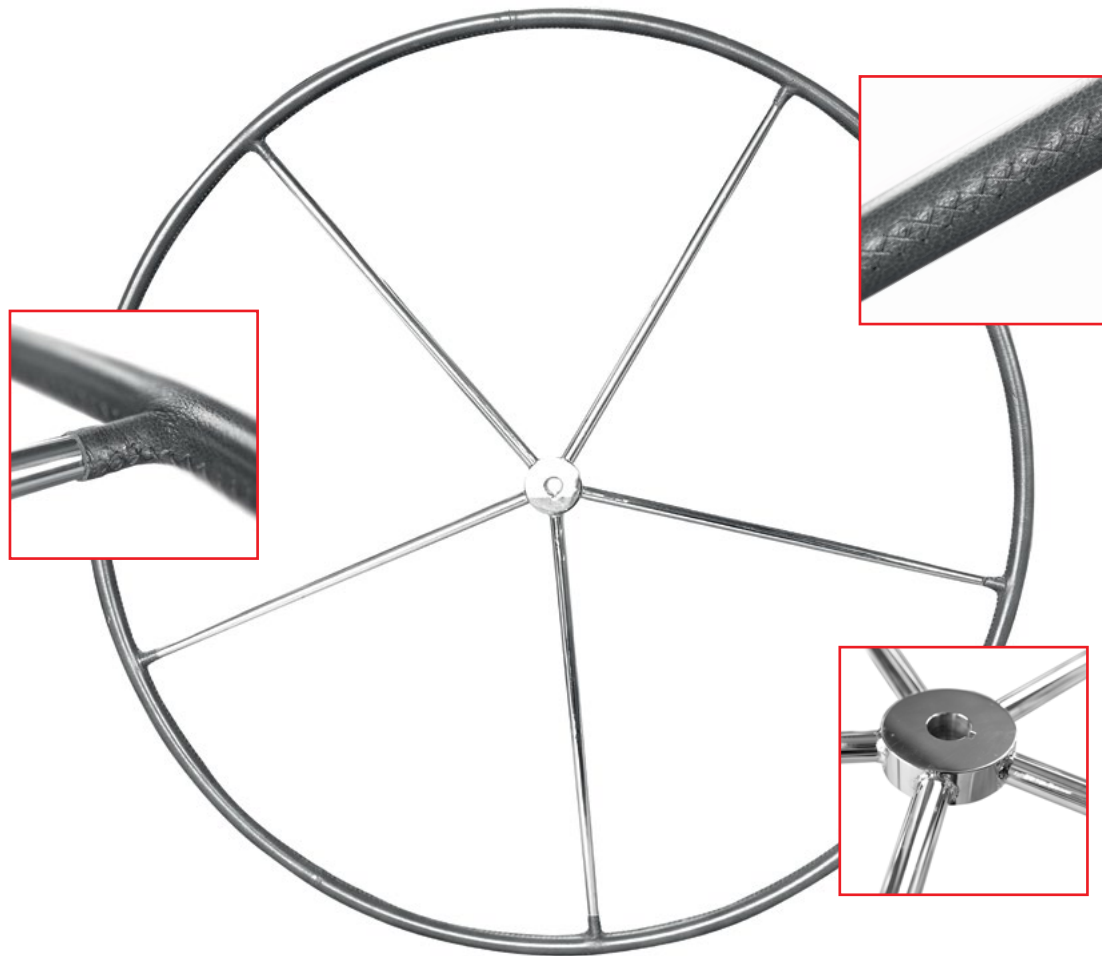
# STEERING WHEELS

**Types:** polished, covered with water-resistant leather

**Dimensions:**

- rims:  $\varnothing 800$ ,  $\varnothing 900$ ,  $\varnothing 1100$
- 5 spoke diameter  $\varnothing 22$

**Material:** inox 316L



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**Sewing methods:** decorative seam

**Requirements:** each steering wheel meets the requirements of the European Parliament and Council Directive 2013/53 / EU (RCD), which is confirmed by the CE mark.

# T-TOPS

**Types:** one – piece, multipart (splitted)

**Shape:** bent with inox, aluminium tubes,  
according to customer specifications

**Finishing:** hand polished, painted

**Material:** inox 304, 316L, aluminum



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# WINDSCREENS

**Types:** one-piece, multipart (splitted)

**Material:** aluminum 6060-T4 (3.3206)

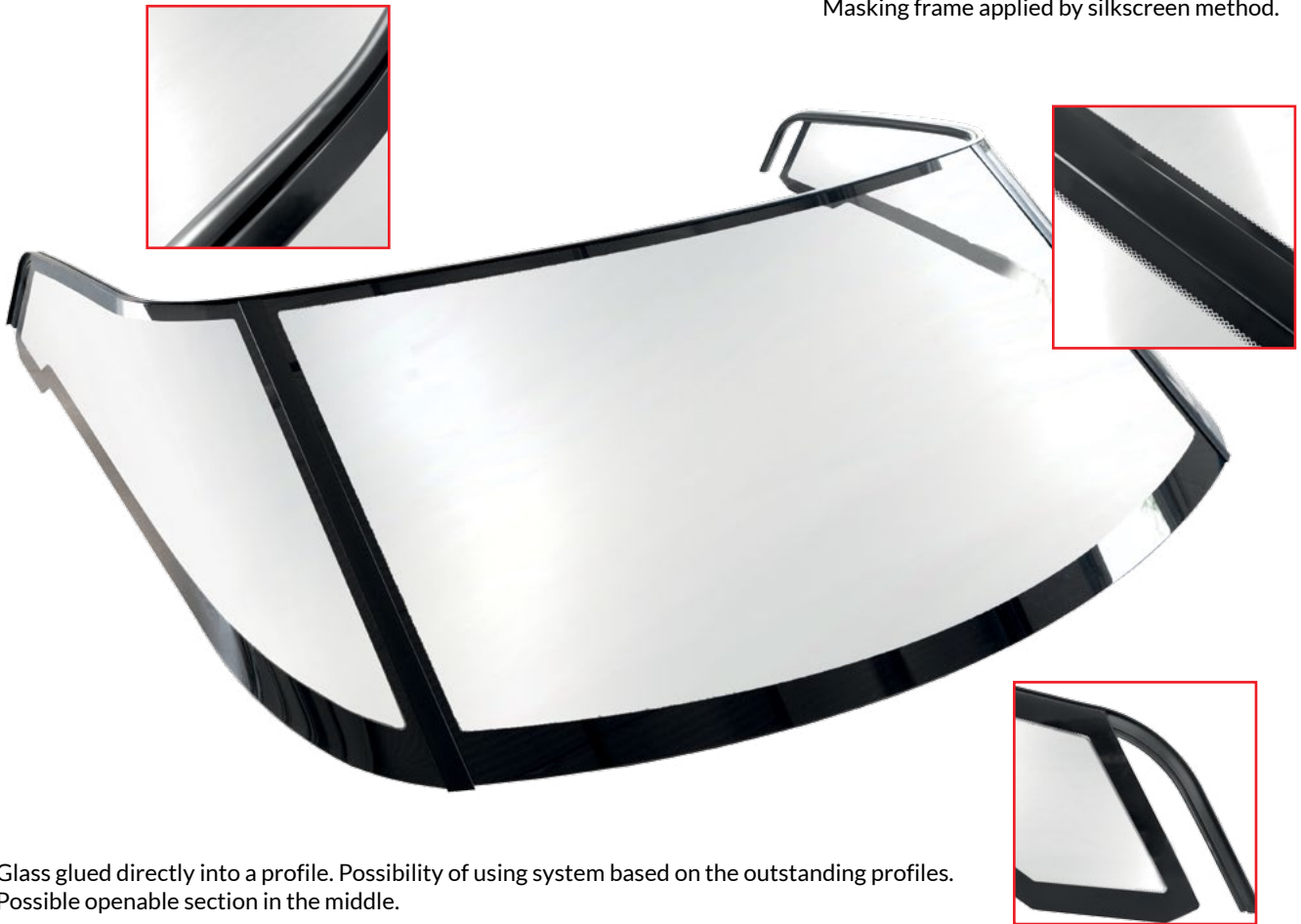
**Surface finish:** powder coated, color according to customer specifications

**Maximum profile length:** 6m

**Glass thickness:** 5 mm, 6 mm, 8 mm

**Standard glass colors:** grey, transparent, green

Masking frame applied by silkscreen method.



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Glass glued directly into a profile. Possibility of using system based on the outstanding profiles. Possible openable section in the middle.

Windscreen delivered as one piece, ready to be mounted into a deck.

Windscreen glued directly to the deck (possible special manufacture with additional profile on bottom and screwed to the deck).

Shipping on special dedicated palette.

# ALUMINUM SLIDING DOOR

- System of profiles and gaskets allow to install every type of material (plexiglass, glass, pcv, etc.).
- Tested construction resistant to the heavy marine conditions.



Product range:

- 1 panel sliding door,
- 2 panels sliding door,
- 3 panels sliding door,
- 4 panels sliding door.



The main specification:

- maximum weight up to 120 kg,
- height max. 2,5 m,
- width max. 3,6 m,
- the overall frame width of 1 panel sliding door and 2 panel sliding door is 50 mm,
- the overall frame width of 3 panel sliding door is 92 mm.

Standard finish of profiles:

- silver anodized E6/C0,
  - black anodized E6/C35,
  - powder coated RAL 9005 HWF (black),
  - powder coated RAL 9016 HWF (white).
- \* possibility of using other not standard colour





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MERCURY  
EQUATOR

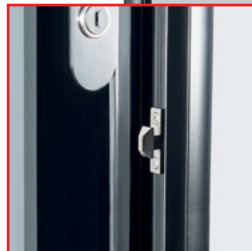
620C BEVA

# STRUCTURAL SLIDING DOOR

## TYPE 1

Aluminum system of profiles is dedicated to glass.

- Style and functionality are merged in a unique product.
- Extremely solid construction.



Curved frame profile works like a fender.

Door fixing points masked by special cover profile.

New stronger solution of fixed panel – glass is glued directly to the frame profiles.

# STRUCTURAL SLIDING DOOR

## TYPE 2

- All details finished with the finest quality.
- Large glass surfaces thanks to slender frames.

Window panel options:

- lifted up by gas spring or electric actuator,
- sliding down to the garage space.

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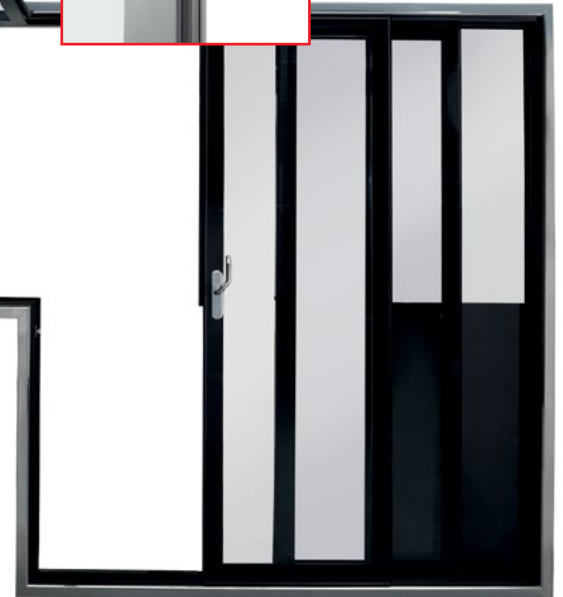
Modern, sleek,  
stylish.



Self-locking system.



System of gaskets and drainage  
designed to ensure  
the best water resistance.









# FOLDING DOOR

Hinges can be adjusted  
in two different surfaces.



- The folding design saves space – maximum access widths.
- Modern style and technology.



Aluminum frame can be covered  
by stainless steel profiles  
from the external side.



Glass is glued directly to the profiles  
what makes door more effective.



Possibility of building  
many different door  
solutions.

# FLUSH SIDE DOOR

- Harmoniously with the yacht design.
- Tailored to the needs.

Possible thickness of glass:  
6 mm, 8 mm.



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Non-key  
system.



Smooth and quiet  
movement.

Maximum sliding panel size:  
- width 800 mm,  
- height 1200 mm.



FLYLOUNGE  
*Greifswald*



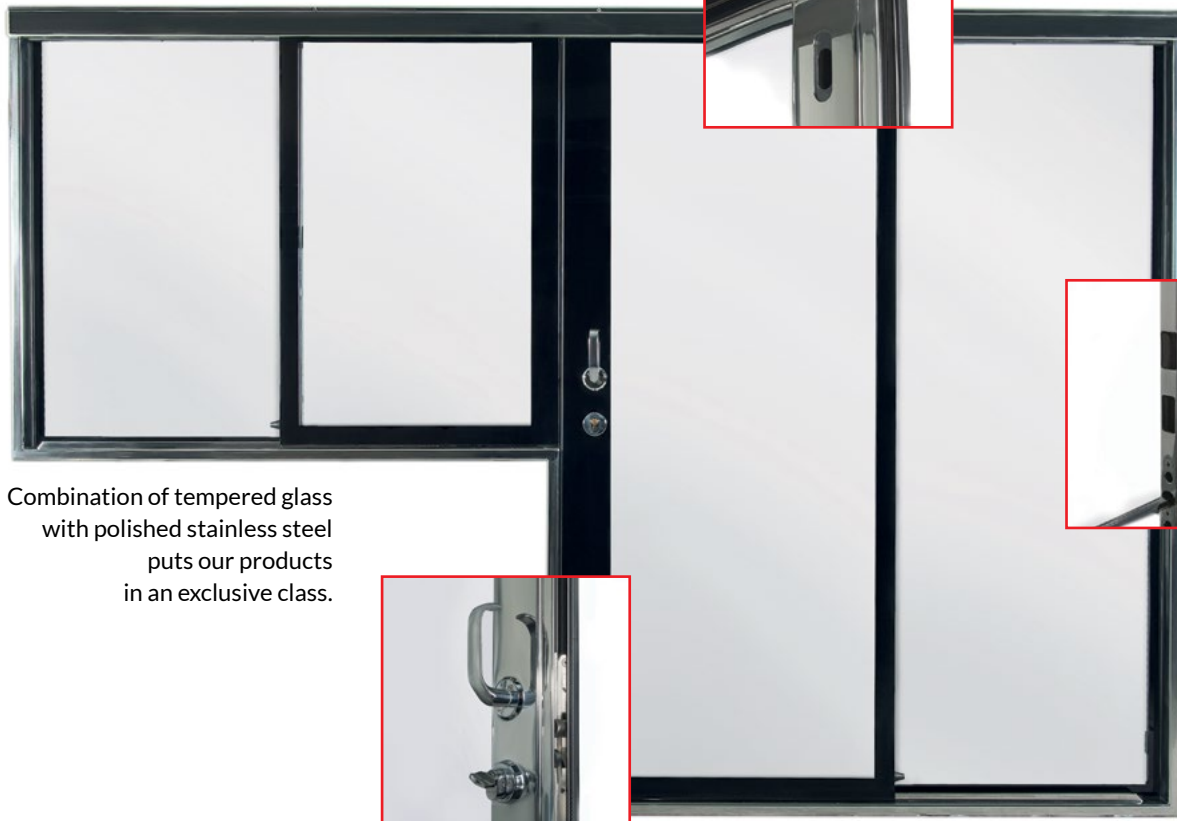


# STAINLESS STEEL SLIDING DOOR

- Very flexible and adaptable to project requirements.
- Hand-polished stainless steel profiles.

All parts are made of materials resistant to marine conditions.

High durability.



Combination of tempered glass with polished stainless steel puts our products in an exclusive class.

Possibility of using various types of high quality locks.

# AUTOMATIC SLIDING DOOR

- Compact construction in timeless design.
- Maximum user convenience.

Possibility of building  
non-standard construction  
in the irregular shapes.



Automation system  
operating at 24 V.



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Perfection in details.

Controlled by:  
- buttons placed on the sliding panel/frame,  
- remote controller,  
- wifi (optionally).



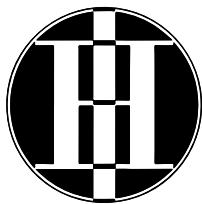
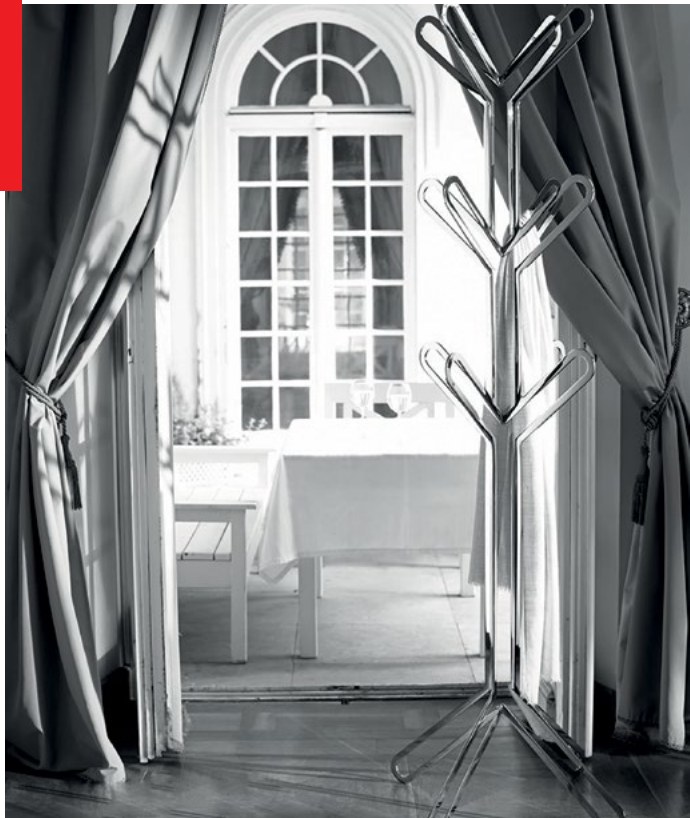
# HARMONICK<sup>®</sup>

HARMONICK – brand of Kotniz Group

In the modern world of alternatives, distortions and machine-based optimisations of production, we want to give our customers pure truth which has its weight, shines and radiates with hand-made production. Each product has its own character and history of origin, ready to be discovered...







harmonick.eu



Polish Champion of BMX  
Ptryk Teul

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# ART AND SPORT

Being part of such a beautiful yacht business that produces the most impressive motor boats and yachts, we seek inspiration, supporting people who can change the image of our humanity. Then we feel that we do it together. Our mission is based on building a better world.

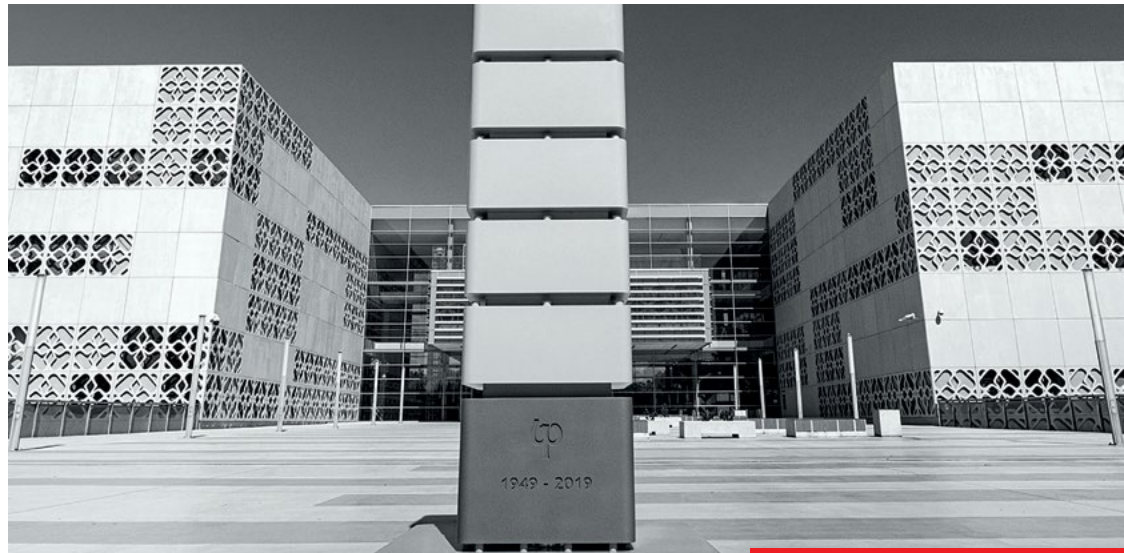
Kotniz Running Team



Cerber Motorsport  
Bialystok University of Technology  
Faculty of Mechanical Engineering



Time Capsule  
Bialystok University of Technology



Movie 'Lady in Black'








# OUR FUTURE

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We want to be the best partners for our customers. In order to do that we observe the changes in the world technological development and follow them. Investing money in new technologies keeps us one step ahead of our competitors.









The jeweler of marine hardware™





[kotniz.eu](http://kotniz.eu)



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