

EST. 1993 · SOLIN, CROATIA · 33 YEARS OF SERVICE



Cruising Brochure

Engineered marine components and bespoke production solutions
for the world's leading cruise operators.

PRESENTED BY

GUMIS d.o.o.

SECTORS

Engine · Hotel · Deck

CAPABILITIES

Manufacturing & Sourcing

DOCUMENT

Cruising Brochure 2026

Three decades of bespoke marine manufacturing.

01

COMPANY

Over three decades of experience producing and processing metal, rubber, and plastic components. Consistent investment in technology and expertise — earning a reputation for bespoke solutions among top cruise operators worldwide.

33+

YEARS OF SERVICE

40+

CRUISE OPERATORS

02

PRODUCTION

Bespoke production carried out entirely in-house: CNC and conventional turning, CNC and traditional milling, spark and wire erosion, fabrication of rubber technical products, and tooling for rubber, plastic, casting and extrusion.

400+

BW SPARE PARTS

03

SOURCING

Our procurement team sources standard and specialized items from trusted manufacturers across all vessel sectors — and locates rare components for older equipment, providing dependable support to our clients.

100%

IN-HOUSE

Production & sourcing across every vessel sector.

ENGINE

- Electrical
- HVAC
- Galley equipment
- Black water systems
- Pumps & machinery spares

HOTEL

- Caps & plugs for furniture
- Toilet bowl vacuum systems
- Cabin & bathroom spares
- Stainless steel work
- Galley & wet unit accessories

DECK

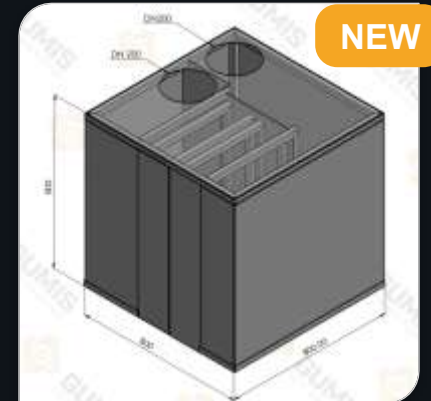
- Tenderboat spares
- Rescue boat spares
- Rubber gaskets for doors
- Platform protection systems
- Flooring & teak deck

Custom production constitutes the majority of our current operations — serving cruise operators across the EU and the US.

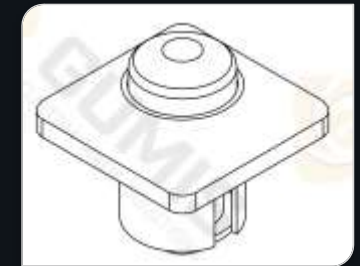
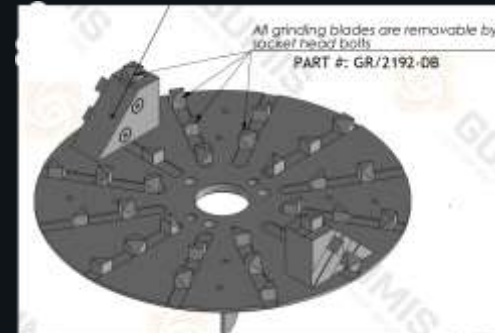
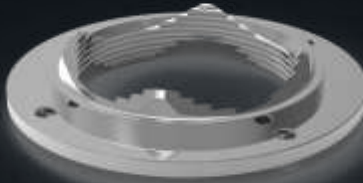
Over the past ten years, our company has specialized in designing and producing lighting equipment made from fiberglass, offering enhanced durability in marine environments while significantly reducing weight.



We produce standard replacement parts for HVAC systems, including vibration mounts, pulleys, rubber foam gaskets, shafts, and shaft couplings. Our couplings are accurately CNC machined from solid steel or aluminum blocks according to client drawings or samples.



- More than 400 compatible spare parts suitable for all BW vacuum systems;
- Custom manufacturing available for parts of discontinued vacuum systems.
- Our own BW toilet system, available since 2022.



- BW vacuum system unit with and without collection tanks.
- Pumps can be purchased separately to be run by existing electric panels, with VFD or pressure switches.
- Gumis can also supply complete skid with our own pumps, panel and CAS device

- **CAS Device** is an innovative way of filtering out black water by blocking non flushable items before they enter vacuum units.
- Easy cleaning and maintenance, simplified design with little moving parts.
- In use and tested on Icon of the Seas.



Vacuum pump benefits:

- Motor and pump separated to prevent damage to motor from BW
- Double shaft design with double ball bearing for durable and demanding performance.
- Reengineered macerating device for optimized flow of fluid.
- Two leak points that indicate maintenance is needed.

Maintenance teams frequently encounter issues with toilets that fail to flush properly or become blocked, resulting in increased passenger complaints. This situation often leads to a higher number of compensation claims and diminished passenger satisfaction.

At present, blockages are addressed utilizing a snag ring in conjunction with the discharge system, as illustrated below.

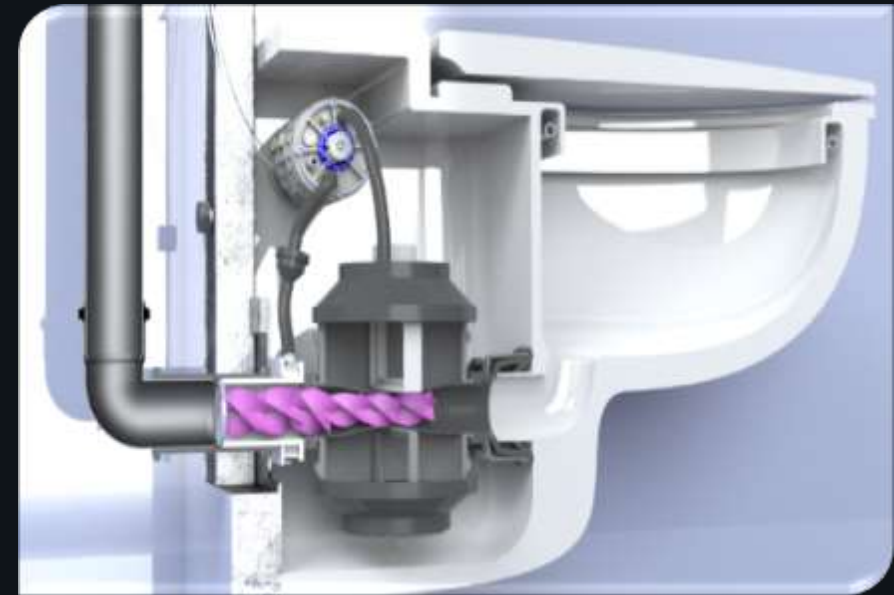


Typical BW pipe layout

The issue occurs when an object becomes lodged in the snag ring, obstructing the discharge mechanism and causing it to remain open, which lowers the vacuum level throughout the pipeline.

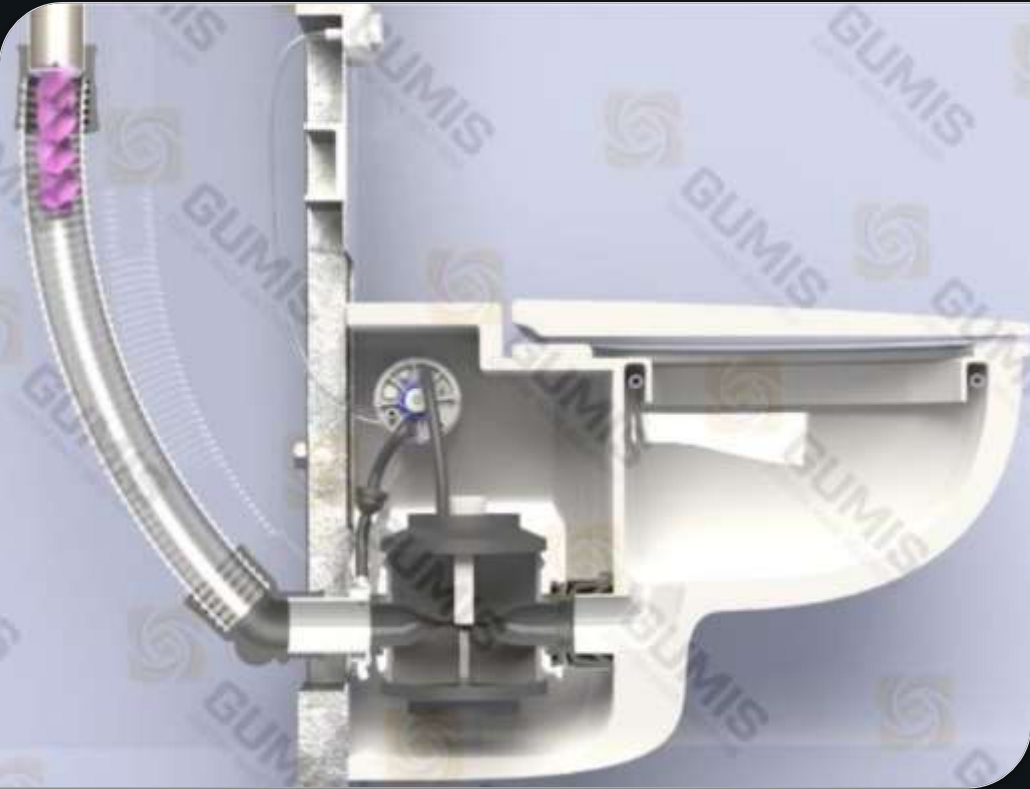
This affects the entire system—potentially 50 to 100 toilets or more—without a straightforward way to identify the leak's origin, as the cabin experiencing the problem is often not the first to report it.

As a result, pumps operate longer to compensate for the vacuum loss, increasing the frequency of spare part replacements and driving up costs. Additionally, this leads to fluid heating and foaming in collection tanks, particularly in older ejector systems, which causes inaccurate readings from level sensors.



A rag blocking the discharge valve

- The snag ring is repositioned away from the toilet bowl using a flexible hose fitted with rubber sleeves;
- **THE BLOCKAGE IS CONTAINED AT ITS ORIGIN**; the discharge process is completed, the vacuum pressure in the pipeline stays consistent, and **ONLY ONE** cabin is affected by the obstruction.
- The quick clamp allows maintenance personnel to resolve the problem within 60 seconds without the need for any tools.



A Toilet Bowl Connection		Flex Hose length		B BW Pipe Connection		C Snag Ring		Clamp	
1	Gumis part #: G/5-CS135	Gumis part #: GER/230-SS		New and Improved GumVac Flex Hose for increased flexibility, longevity and without possibility of cracking Advise preferred flex hose assembly length We suggest a minimum of 700mm once assembled	Gumis part #: G/5-P550	Gumis part #: GBW/896	Gumis part #: GC/295		Quick Clamp
	Corner sleeve 135°								
2	Gumis part #: G/5-ES90				Gumis part #: G/5-P553	Gumis part #: GBW/896-53			
	Elbow sleeve 90°								
3	Gumis part #: G/5-P550	SS Small Clamp			Gumis part #: G/5-CS135	Gumis part #: GBW/896-53			
	Straight sleeve Ø50mm								
4	Gumis part #: G/5-ES90				Gumis part #: G/5-ES90	Gumis part #: GBW/896-53			
	Straight sleeve Ø53mm								

NEW AND UPGRADED SYSTEM FROM 2024,
BV APPROVED



Maintenance teams are able to rapidly identify, within seconds, which parts of the vessel are under vacuum or pinpoint the exact location of any blockages.

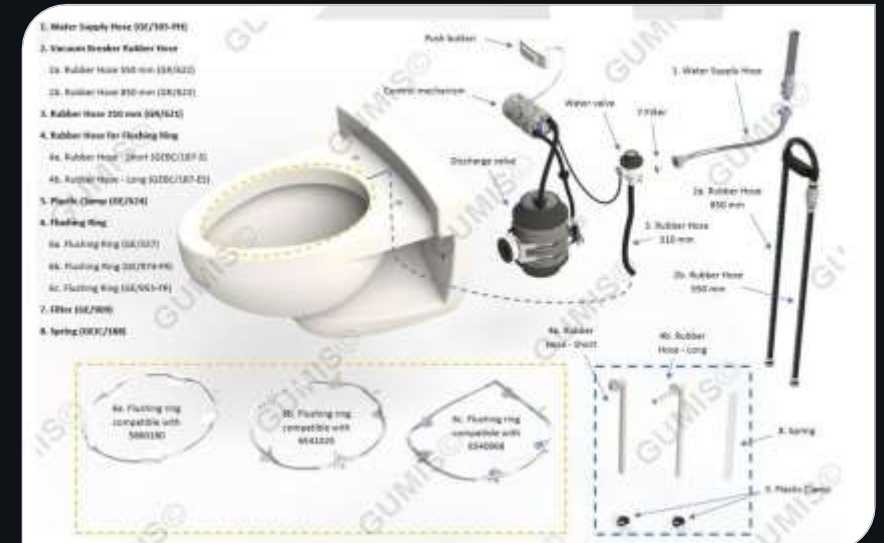


We suggest using our drilling tool which ensures perfectly drilled holes without leaks (photo below).



This problem stems from the degradation of rubber water supply hoses over time, especially when exposed to chlorine. We can replace all the rubber hoses along the water line to the toilet bowl, which includes:

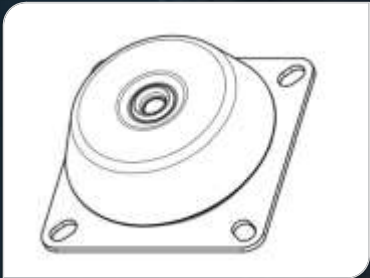
1. Vacuum breaker hoses,
2. Stainless steel braided water supply hose,
3. Flushing rings,
4. Rubber connectors between the water valve and flushing ring.



Our engineering department receives daily inquiries for Engine machinery spare parts including:

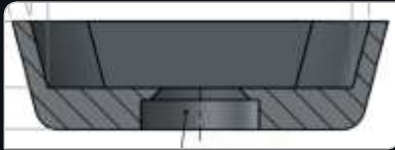
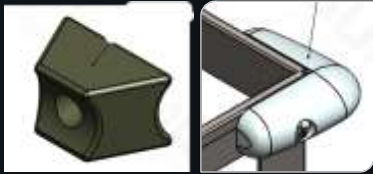
- shafts,
- vibration dampers and mounts,
- expansion bellows (rubber & SS),
- rotors,
- pump housings,
- pneumatic/hydraulic cylinders,
- pulleys,
- stainless steel filters and strainers,
- rubber sleeves,
- heat exchanger gaskets,
- mechanical seals, etc.

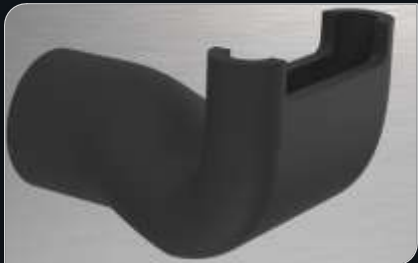
We do not have a minimum quantity to manufacture, and it solely depends on the type of inquiry received from our customer. We can redesign existing solutions that are not up to standard or manufacture as per specifications received from the customer.



Over 300 types of rubber caps and plugs are available, tailored for both indoor and outdoor furniture.

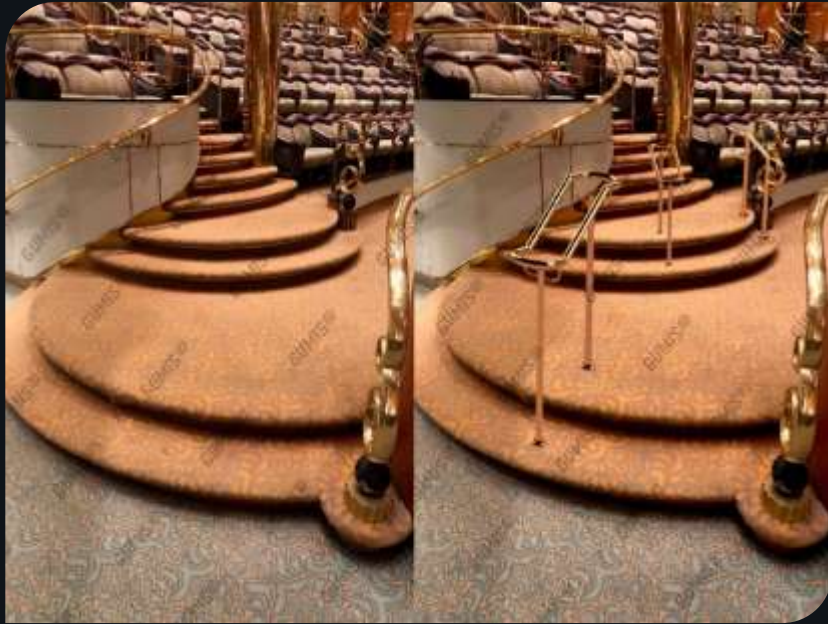
These items protect surfaces from marks, dents, and scratches while significantly reducing the noise caused by moving chairs.





Our skilled engineering team specializes in designing and producing virtual 3D models of components tailored to client specifications. Utilizing cutting-edge technologies like 3D software, scanning, and 3D printing, combined with our proficiency in CNC machining, we guarantee the manufacture of durable, high-quality products. We cater to custom requests, whether for single units or large-scale production runs.



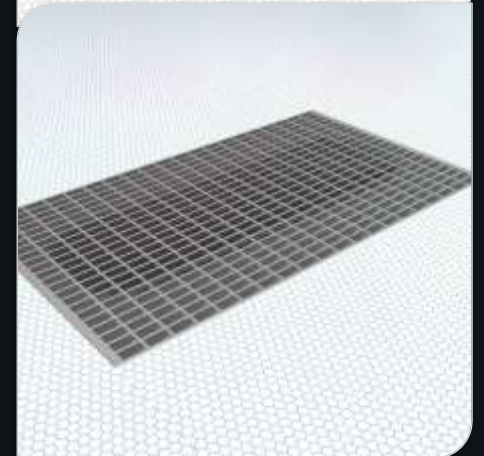
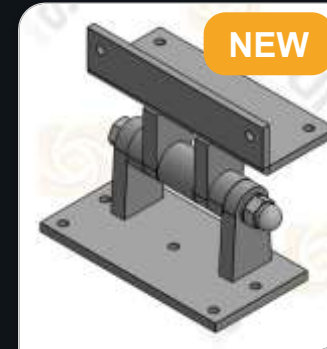
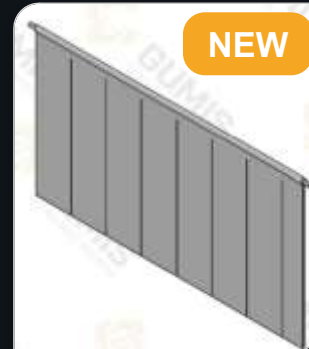
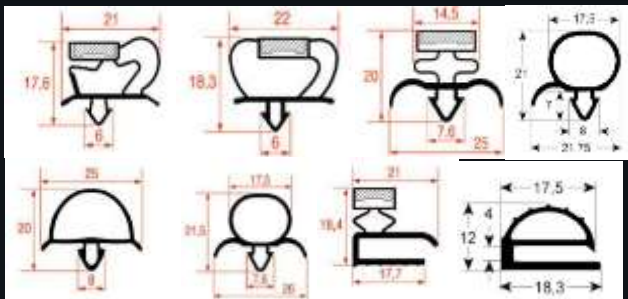
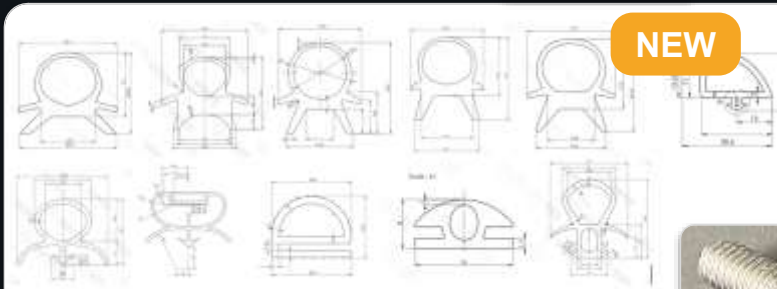


At Gumis, we are fully prepared to meet all your SS work needs. Our skilled team, supported by advanced equipment, is capable of producing nearly any component required for Hotel, Deck, and Engine sectors. Whether you require bespoke parts or high-volume manufacturing, we are ready to assist you.





We provide more than 500 varieties of refrigerator door gaskets, crafted from PVC, silicone, or rubber. Selecting the finest raw materials is crucial to ensuring a superior final product. We meticulously source our materials by collaborating solely with certified suppliers. Furthermore, we maintain close partnerships with these suppliers to conduct research and develop innovative alternative raw materials.



We possess extensive manufacturing capabilities across various products and materials such as metals, plastics, fiberglass, and fabrics, tailored to meet your specifications for both new and altered designs.



We have the capability to produce rubber gaskets in any quantity, whether for small-scale runs or large production orders. Additionally, we specialize in designing comprehensive tender platform protection systems, a solution we have successfully provided to several cruise lines.

Our gaskets and fenders can be tailored to suit various applications, including use on tenders and doors.



Tailored production, every stage in-house.

From the outset, we have placed strong emphasis on tailored production to address the unique needs of each client. Our engineering and manufacturing teams handle every aspect — diagnosis, solution development, and final delivery — while maximizing resource efficiency.

Custom production constitutes the majority of our current operations. We are particularly proud to serve numerous clients across the EU and the US within the cruise ship industry.

CNC TURNING

Conventional & 5-axis

CNC MILLING

Traditional & 3-axis vertical

SPARK EROSION

Precision EDM

WIRE EROSION

High-tolerance cutting

"From diagnosis to delivery — managed internally, optimised end-to-end."

Sourcing across all vessel sectors.

Our skilled procurement team acquires both standard and specialized products and spare parts from reliable manufacturers across cruise ship departments. With years of expertise, we have established solid partnerships that allow us to provide an extensive selection of products at competitive rates.

ENGINE — ELECTRICAL



Various electric motors



Lighting bulbs, strips,
tubes



Batteries



Electric tools



Conveyers

ENGINE — HVAC



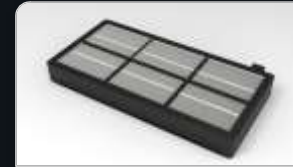
Air volume damper



Blowers



Axial fan



Air filter



Ventilation louver

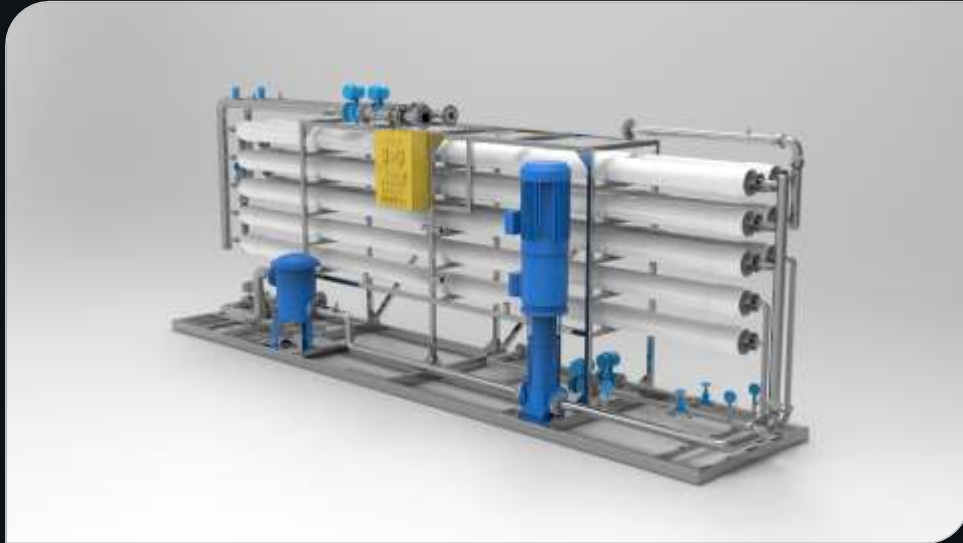


Ducting components



A reliable supply of fresh water on board is essential, making timely maintenance with high-quality spare parts critical for optimal system performance.

Gumis provides quality spare parts and services for all RO systems on board, ensuring the use of genuine or OPM components.



All other RO system components like pumps, pressure vessels, etc.



RO membranes



RO filters / cartridges



Heat Exchanger gaskets



Flex clamp type pipe couplings



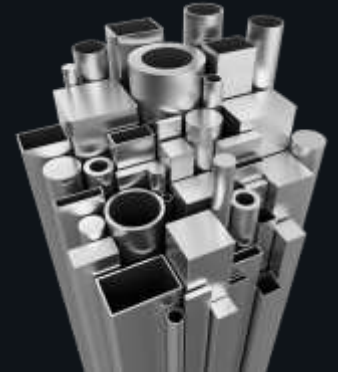
SS, aluminum or steel sheets



Valves, bearings, O-rings, expansion bellows, etc.



Rubber or fiber sheets/custom gaskets



SS, aluminum or steel piping

Our dedicated procurement team possesses a rich marine expertise and is capable of sourcing a wide range of both standard and non-standard parts and spare components for the majority of engine room systems.

In the galley department, we provide a comprehensive range of appliances and their corresponding spare parts. Over the years, we have established a broad network of partners that enables us to supply various types of components and spare parts.



Galley storage cabinets



Hand wash sink and elements



Ref door hinge, handle and magnets



Food pans



Soft sound wheels for food areas



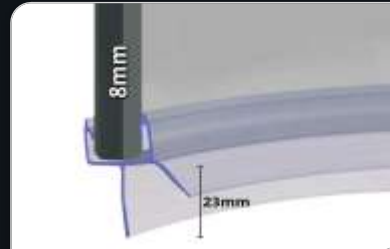
Drain elements/sets



Galley prep elements



Pot wash mixer



Shower door gaskets/wheels



Ceramic urinals/wash basins



Balcony door handles, hinges, locks

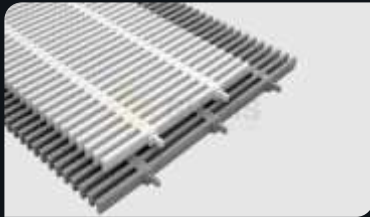


Shower handle, cartridge, mixer

Deck systems for pools, decks & flooring.

Consistent maintenance using high-quality components is essential. Gumis provides spare parts from leading manufacturers, plus composite teak pads for platforms and decks, carpets, profiles, flooring, and all necessary installation components — including experienced installation teams.

DECK — JACUZZI & POOL



DECK — FLOORING



Working with the best.

Our brand partners across cruise ship departments.



Trusted by the world's leading cruise operators.

- Royal Caribbean
- Celebrity Cruises
- Azamara Club Cruises
- TUI Cruises
- Dream Cruises
- Crystal Cruises
- Oceania Cruises
- Windstar Cruises
- Princess Cruises
- P&O Cruises
- BSM Cruise Services
- Star Cruises
- Genting Cruise Lines
- AIDA Cruises
- Costa Crociere
- Virgin Voyages
- Marella Cruises
- Regent Seven Seas
- Disney Cruise Line
- Norwegian Cruise Line
- Carnival Cruise Line
- Holland America Line
- Seabourn Cruise Line
- Grand Circle Cruise Lines
- Lindblad Expeditions
- The World of Residensea
- Krivest Oy
- Almaco Oy
- FCR Finland Oy
- Europlan Engineering Oy
- Chantiers de l'Atlantique
- Columbia Shipmanagement
- VShips Leisure
- Anglo-Eastern Cruise Mgmt
- Fred Olsen Cruise Line
- Celestyal Cruises
- Compagnie Du Ponant
- Mystic Cruises
- Scenic Cruises
- Emerald Cruises
- Silversea Cruises
- Ritz-Carlton
- Margaritaville At Sea

43+ cruise operators and ship managers worldwide.





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Delivering success with every solution since 1993.