WINGECO

COMPANY PROFILE

Our goal is to create invisible barriers, eliminating the distinction between indoor and outdoor spaces. We achieve this by simultaneously protecting passengers from harsh environmental conditions while offering total visibility of the outside world.

Established and headquartered in Genoa in 2016, Wingeco, though relatively young, draws on over 40 years of experience from its founders.The company consists of three production units, encompassing a total covered area of 3,500 square meters, with an additional 1,500 square meters outdoors.

The company specializes in designing, processing, and installing glass and aluminium claddings, windows, door frames, balustrades, glass walls, and other elements for the marine and construction markets. This expertise extends to both New Building and Refitting projects. Our client base includes cruise ship and ferry companies, along with yacht owners. We are well-equipped to fulfill the demands of even the most discerning ship owners.

GLOBAL FOOTPRINT

ITALY
- Genoa - Global Headquarters, HVAC, Refrigeration Systems Services and Marine Glazing.
- Vazzola - Catering Production Facility
- Monfalcone - Panel Production Facility & Shipyard Site Unit
- Marghera - Shipyard Site Unit
- Scorzé - Design, Project Management Teams & Mock-Up Unit
- Trieste - Design Department
- Sovizzo - Carpentry, Design & Interiors Production Facility
- Pisa - Wood Carpentry for Yachts

FRANCE
- Saint Nazaire - Shipyard Site Unit

GERMANY
- Papenburg - Shipyard Site Unit

POLAND
- Lipno - Cabin & Wet Unit Production Facilities

FINLAND
- Turku - Shipyard Site Unit

USA
- Miami, Florida - Business Unit
- New Orleans, Louisiana - Chouest, Shipyard Site Unit

ASIA
- Shanghai, China - Business Unit
- Singapore, Singapore - Business Unit

From Italy across Europe to America and Asia, De Wave Group's extensive network of offices and production facilities means we have the resources to support the global shipping and yachting market worldwide. And not just as suppliers but as true partners, working closely and responsively with our clients to ensure they meet their goals.

To support this, our production facilities and offices are strategically located near many of the leading shipyards all over the world. Over the years we have cultivated strong collaborative relationships with them, providing our clients with multiple benefits.

KEY FIGURES

44 EMPLOYEES IN TOTAL

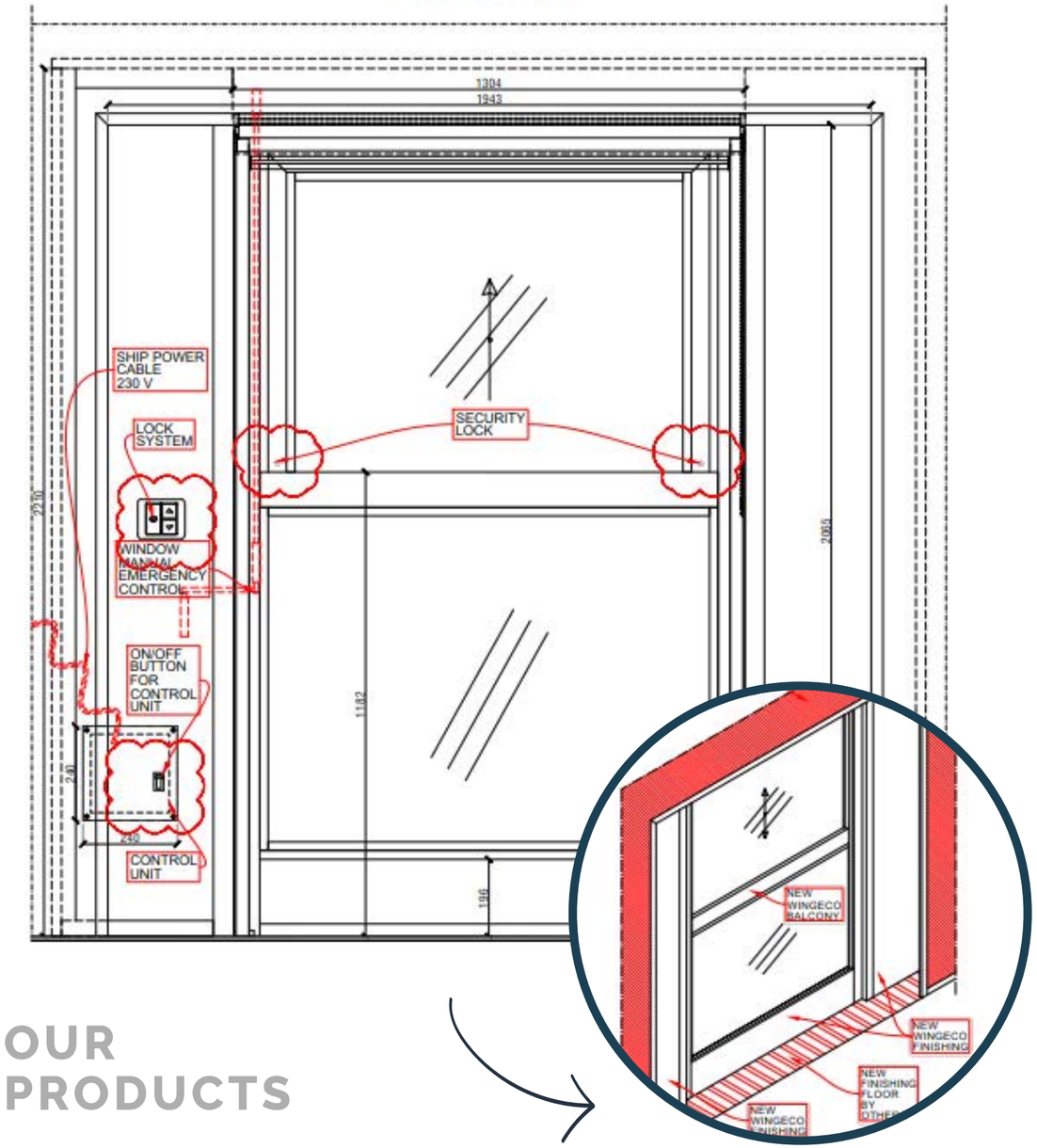
38 TECHNICIANS, PROJECT MANAGERS AND WORKERS

6 ACCOUNT AND BACK OFFICE PERSONNEL

Our objective aligns with that of our clients, whether they are owners or General Contractors: to achieve the desired quality at the agreed-upon time and at a competitive price. To accomplish this, a unified team of designers collaborates seamlessly with manufacturers and installers, delivering a comprehensive turnkey solution that addresses every aspect of the project.

The manufacturing facility, dedicated to producing balustrades, doors, windows, barriers, and other glass and aluminium elements, comprises a 1,000 sqm space for material processing and an additional 1,000 sqm area for the assembly of the final products.

INSIDE VIEW



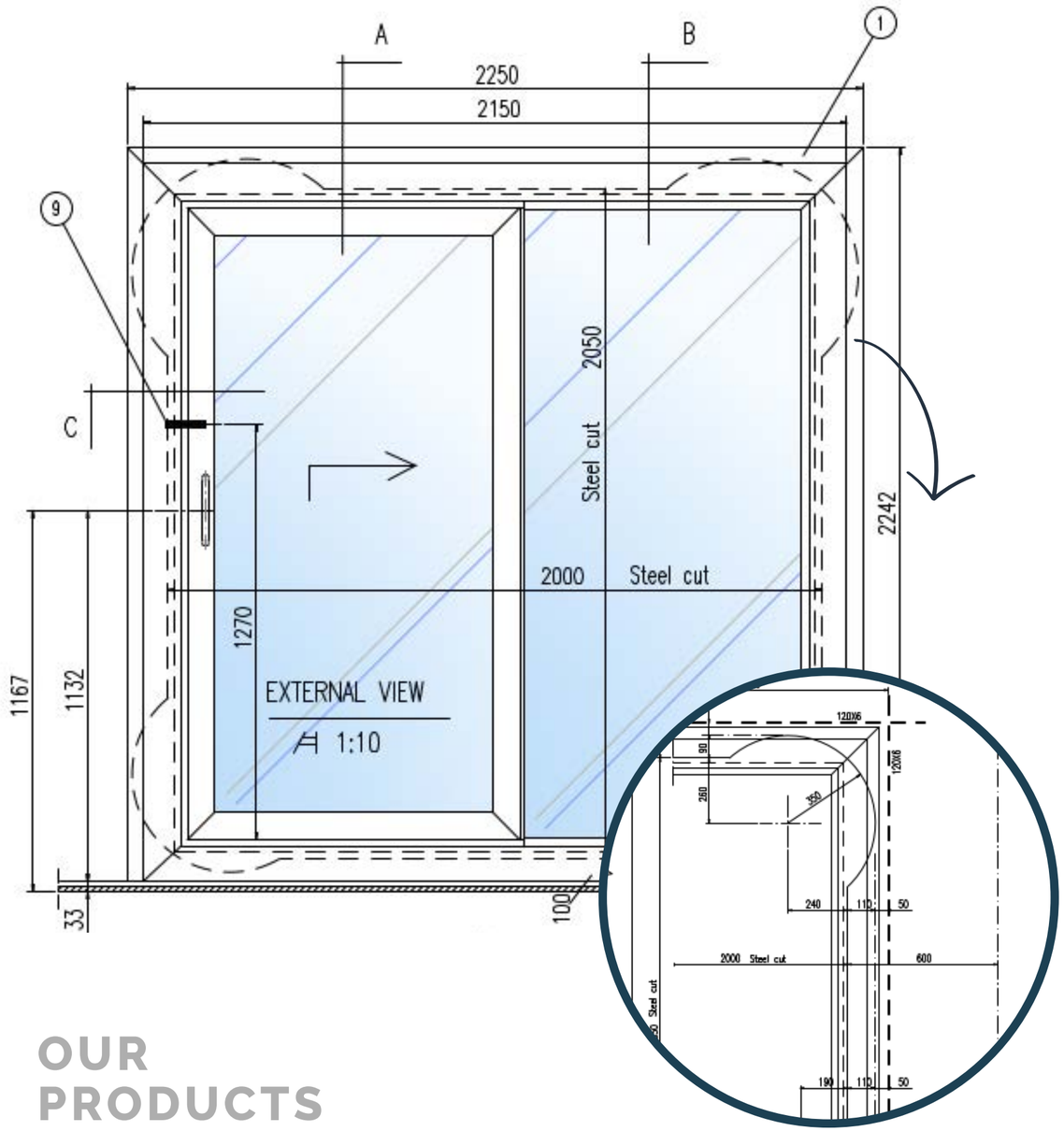
OUR PRODUCTS

VERTICAL SLIDING WINDOWS

Presenting our Vertical Sliding Windows, meticulously engineered for retrofit installation, these windows are a game-changer. Traditional fixed windows are transformed into operable windows, providing cabin occupants with an unobstructed view of the magnificent horizon.

Compared to the traditional sliding windows, our vertical sliding windows offer a distinct advantage. They enable two individuals to simultaneously enjoy an unobstructed view of the outside environment, eliminating physical barriers. This innovative design not only enhances the visual experience but also elevates guest comfort and connectivity with the surrounding environment.

EXTERNAL VIEW



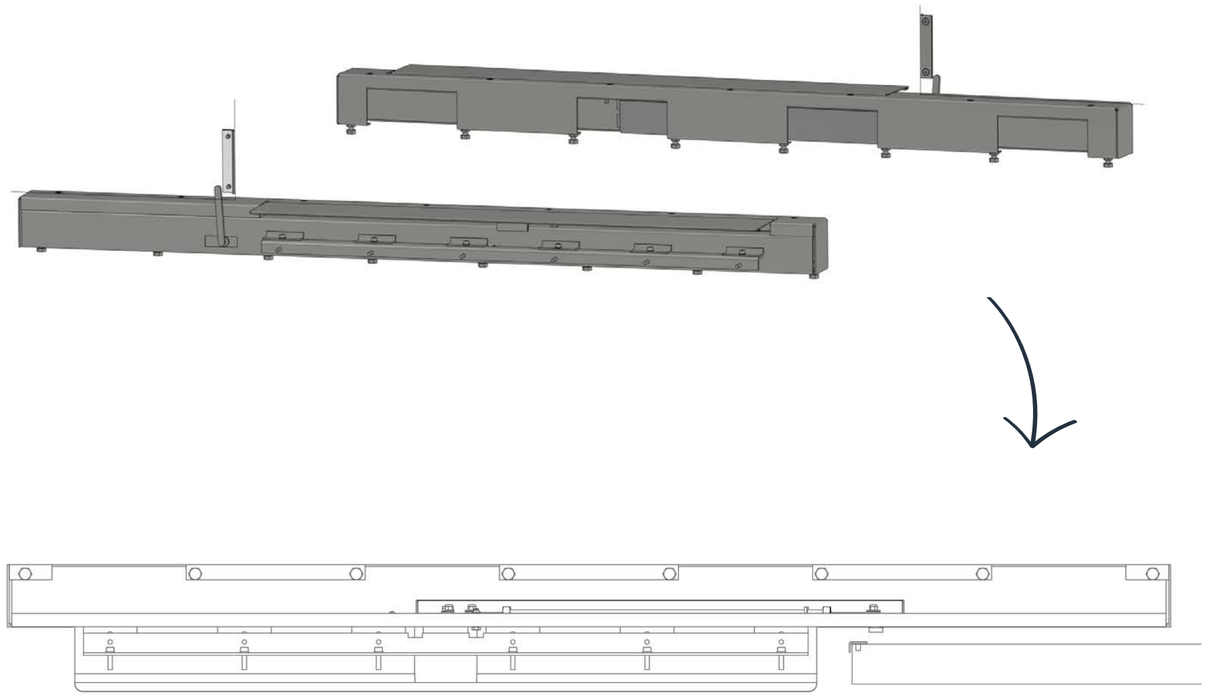
OUR PRODUCTS

SLIDING DOORS

Our aluminium frame features a meticulously extruded profile, with each section precisely constructed and corner joints secured by internal aluminium brackets.

The frame's length is customizable to suit specific requirements. Attachment to the bulkhead is achieved through a perimetric angular screw mechanism that encircles the profile, effectively securing the steel shell in place. The use of a silicone joint along the internal and external edges of the wall ensures a clear separation between aluminium and steel components.

DETAIL OF THE THRESHOLD MECHANISM

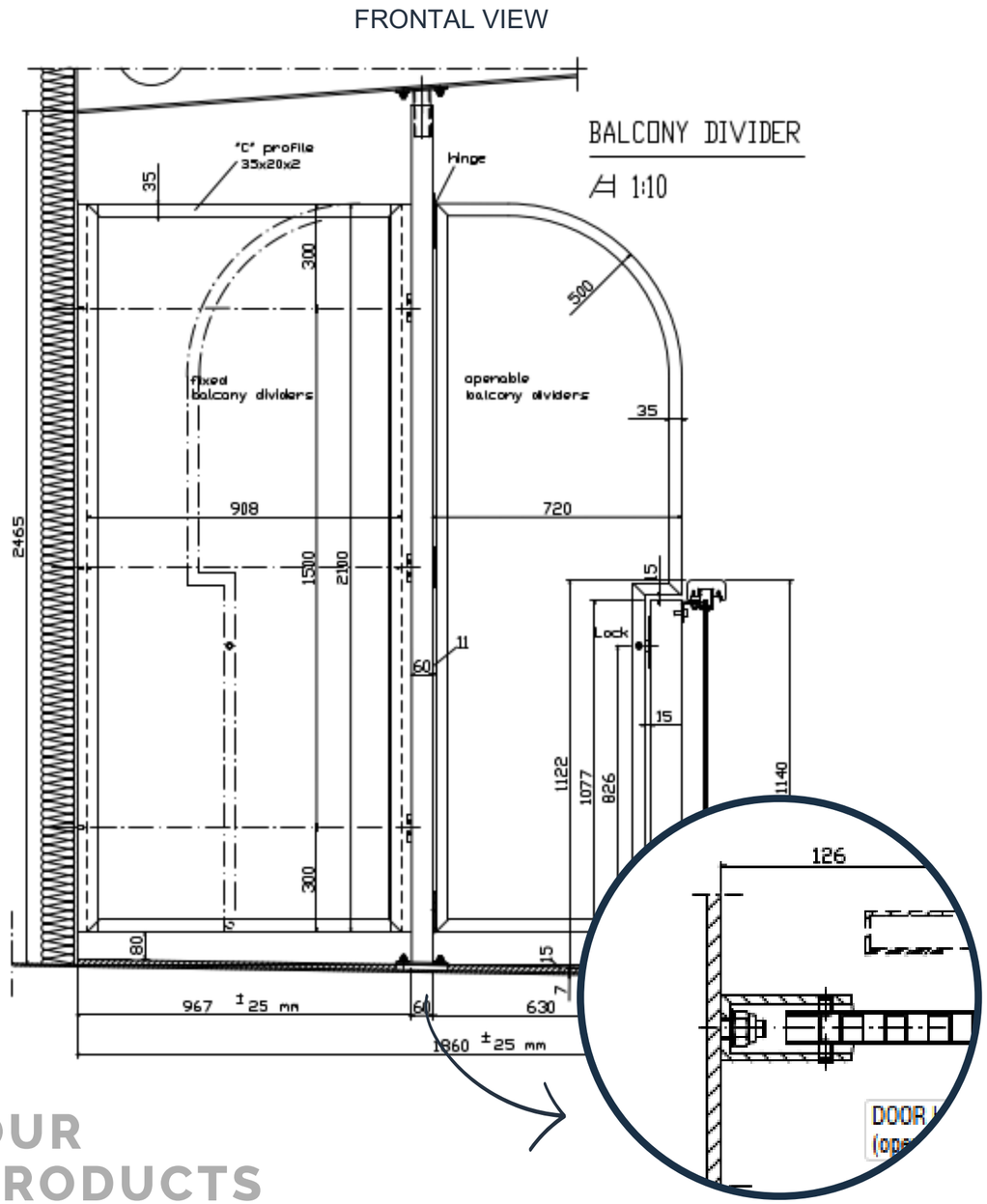


OUR
PRODUCTS

ADA THRESHOLDS

The Marine Sliding Door System is meticulously designed for exceptional robustness, capable of withstanding design pressures of up to 2.5 tons per square meter. The stainless-steel threshold is mechanically operated and designed to comply with ADA standards (Americans with Disabilities Act).

The sliding door's opening and closing are autonomously controlled by its own movement, facilitated by a specially crafted welding technique. For user convenience, there is an emergency override switch that activates the sliding door. This system incorporates automatic mechanical components crafted from stainless steel, ensuring exceptional durability. The motor box is installed within the automation system and is safeguarded against water exposure. The motor is further isolated by a dedicated casing to prevent water infiltration.



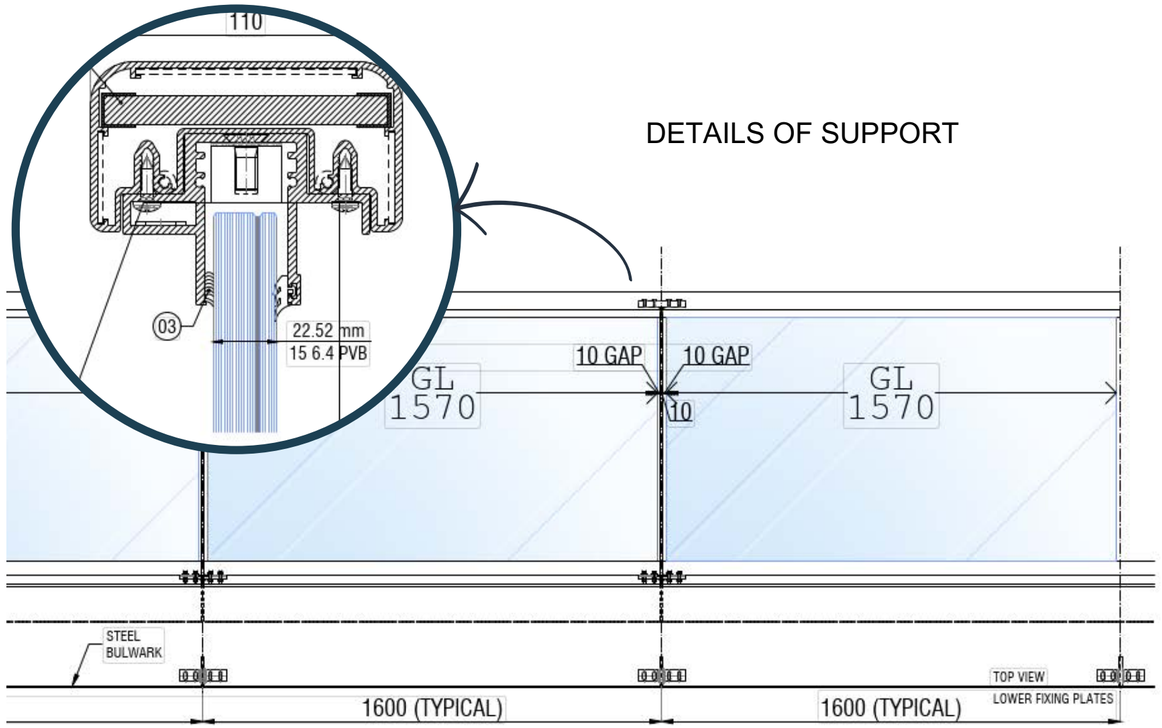
OUR PRODUCTS

DIVIDERS

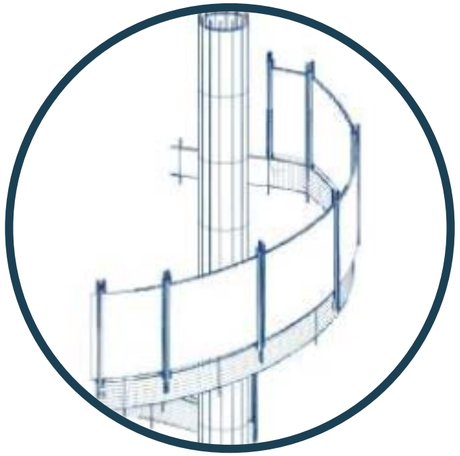
Balcony dividers ensure passenger privacy by effectively separating the balconies of individual cabins.
In their standard composition, these dividers comprise two main components: a fixed element and a moveable door. The robust structural pillars, crafted from sturdy aluminium profiles, are securely anchored to the deck through a floor plate. Above, sleeves with mounting plates are designed to firmly anchor the pillars beneath the bridge structures, ensuring stability and security.

The foundational element of the partition system, the fixed panel, is ingeniously crafted from honeycomb panels measuring 15 to 20 mm in thickness. Encased within U-shaped aluminium frames, these panels seamlessly combine structural resilience with an aesthetically pleasing finish.

GLASS BALUSTRADE / TYPICAL EXTERNAL VIEW - ELEVATION



SPIRAL BALUSTRADE



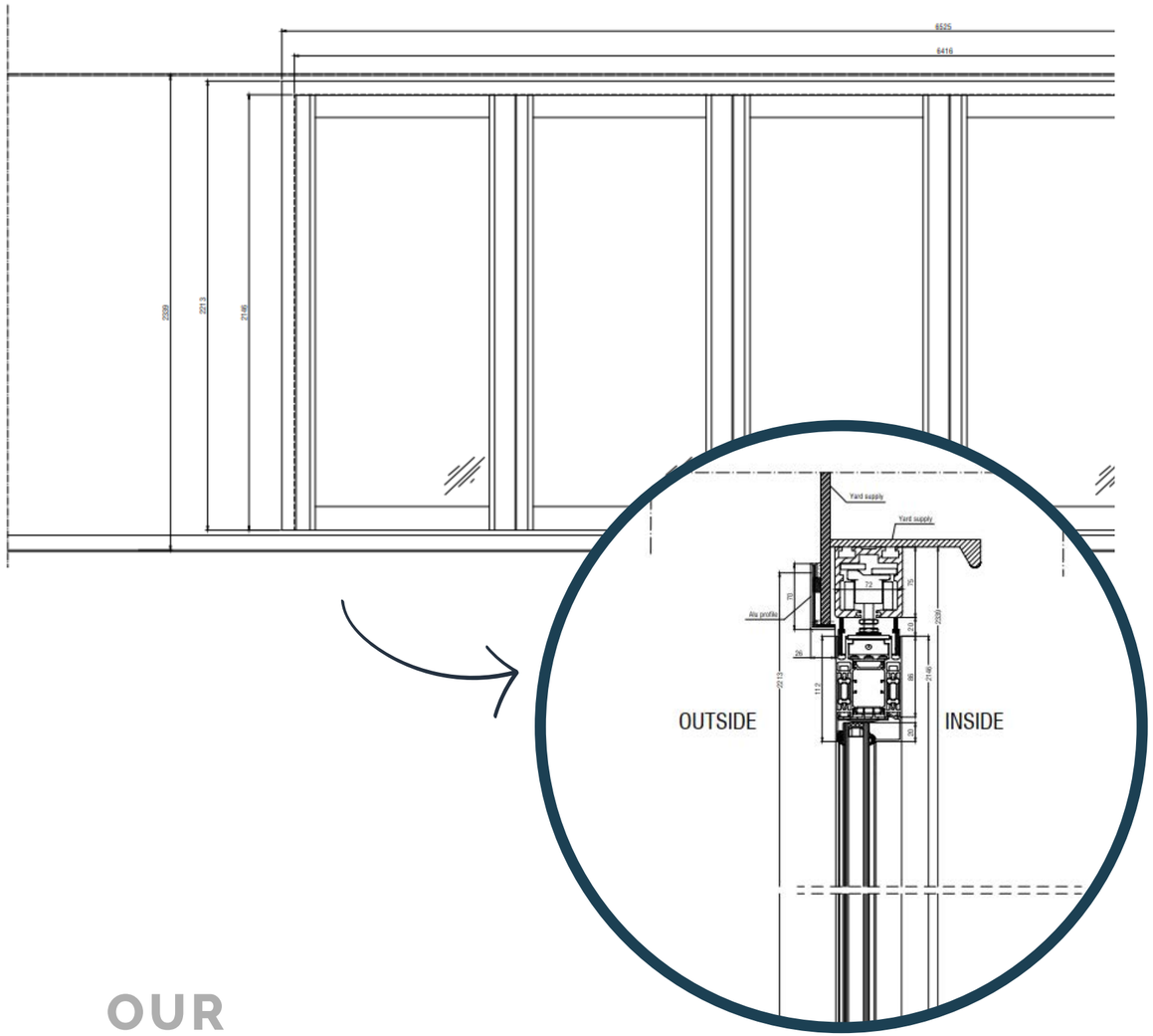
OUR
PRODUCTS

BALCONY BALUSTRADES

The steel posts, integral to the structure, are constructed from steel plates with a section size ranging from 10 to 30 mm and a depth varying from 90 to 140 mm. These dimensions are carefully selected to withstand anticipated water loads in the specified areas, ensuring structural integrity. To support the glass panels, extruded aluminium profiles serve as both bottom and top supports. These profiles not only offer essential structural support, but also enhance the overall aesthetic appeal of the system.

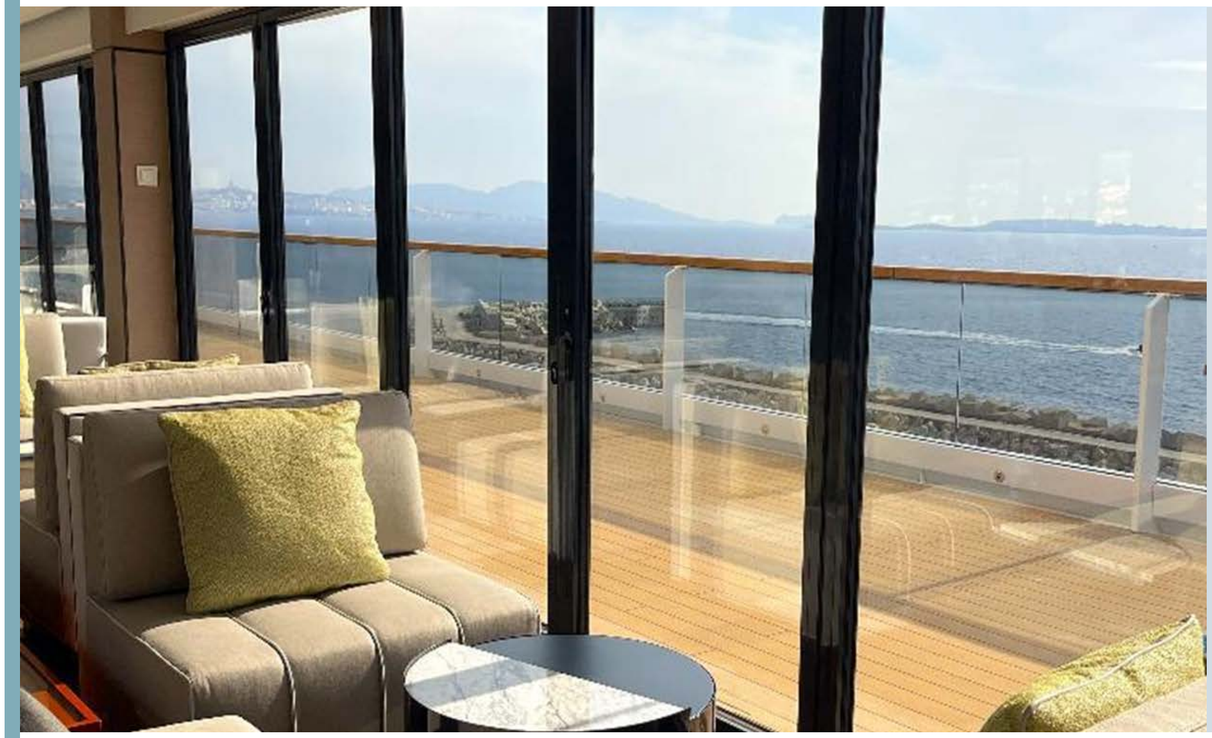
Laminated glass is the standard choice for the glass panels, and their thickness is customized according to specific dimensions and expected wind or water pressure, ensuring both safety and durability.
For handrails, we offer the option of teak wood or synthetic teak, with customizable shapes and designs to meet the architect's requirements. This ensures a blend of functionality and aesthetics for the structure.

EXTERNAL VIEW



OUR PRODUCTS

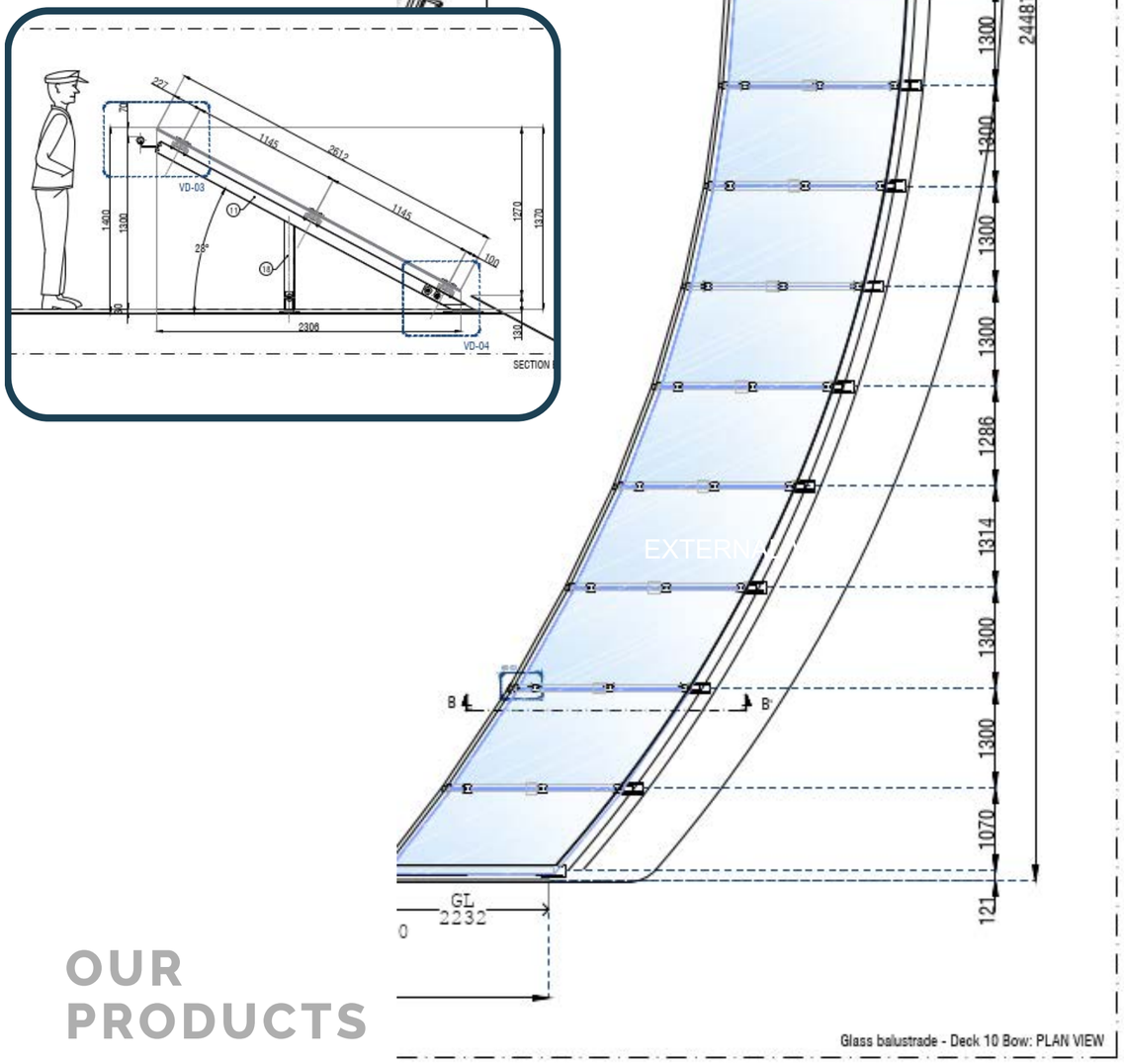
FOLDING DOORS



A folding door, featuring 7 to 13 panels, is designed to establish a direct connection between interior and exterior spaces on vessels. These doors are commonly used in public areas, offering both convenience and weather-tight sealing. When fully open, they eliminate the distinction between interior and exterior spaces. Our folding door design incorporates robust aluminium frames engineered to withstand substantial design loads necessary for Expedition Vessels, ensuring both minimal visual impact and protection against harsh environmental conditions.

Wingeco Folding Doors are the preferred choice for integration into innovative and luxurious vessels, seamlessly blending with other glass walls and doors throughout the vessel.

EXTERNAL VIEW



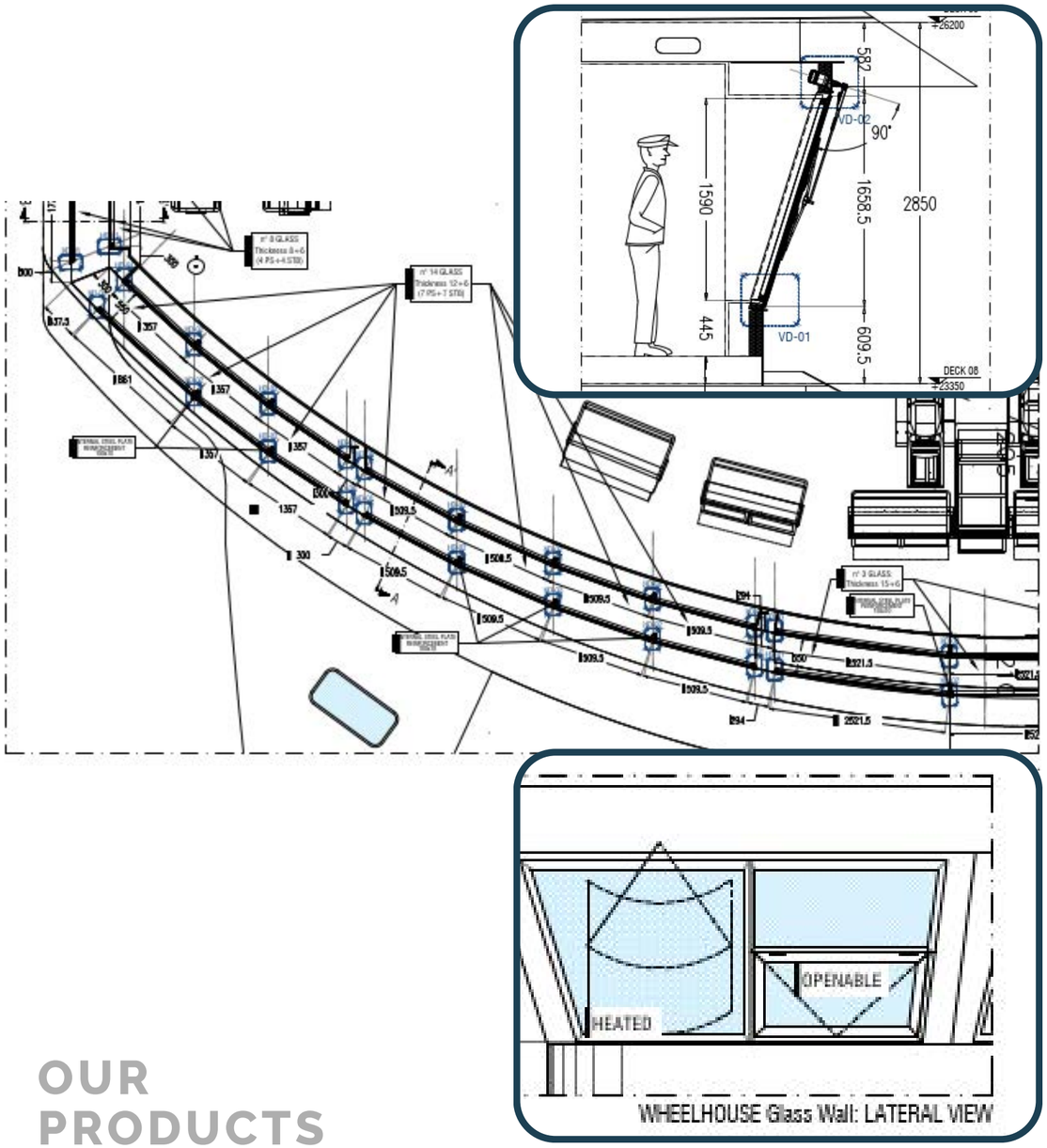
OUR PRODUCTS

WINDSCREENS

Windscreen structures, typically made from aluminium, are vital for protecting a ship's exposed areas from wind and weather. They can be constructed with steel support structures welded to the bridge or as an integrated aluminium frame between the bridge and the ship's deck.

Glass panels in the windscreen can be secured either with patch fittings or by using dedicated frames. The mechanical integrity of these structures is always guaranteed, and the end product is tailored to meet the precise requirements of the customer.

INTERNAL VIEW



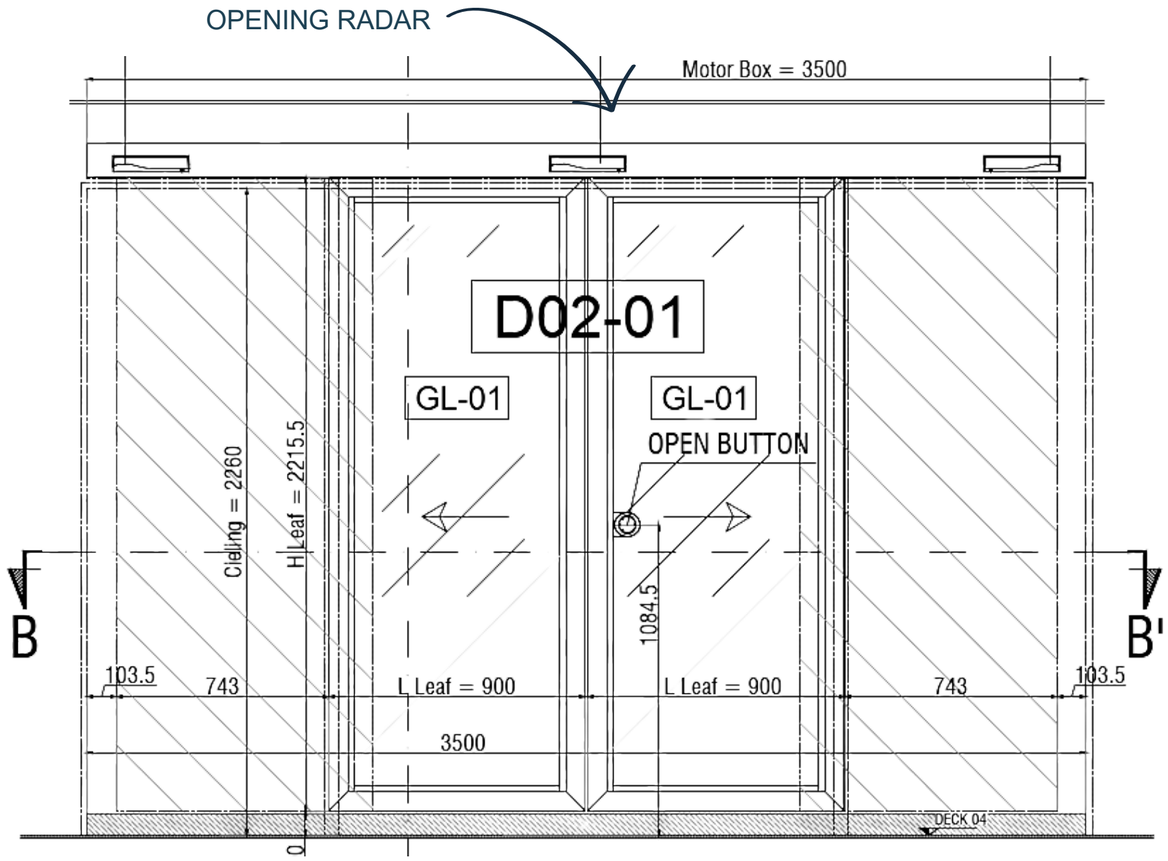
OUR PRODUCTS

WHEELHOUSE WINDOWS & WIPERS

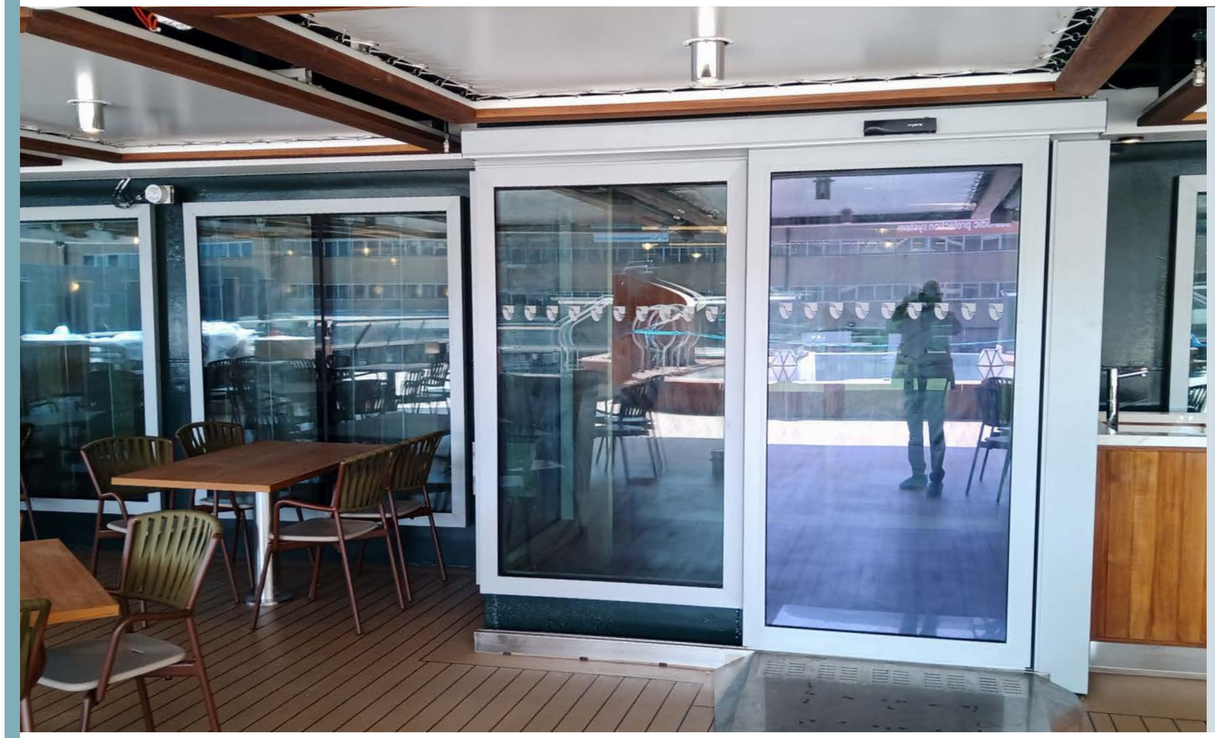
Initiating a project from inception or making alterations to an existing wheelhouse is a crucial undertaking. For expedition ships, our expertise lies in the installation of high-quality glass components.

Our careful approach ensures that the wheelhouse meets all functional and aesthetic requirements, providing a safe and efficient operational environment while maximizing visibility and enhancing the overall design.

EXTERNAL VIEW



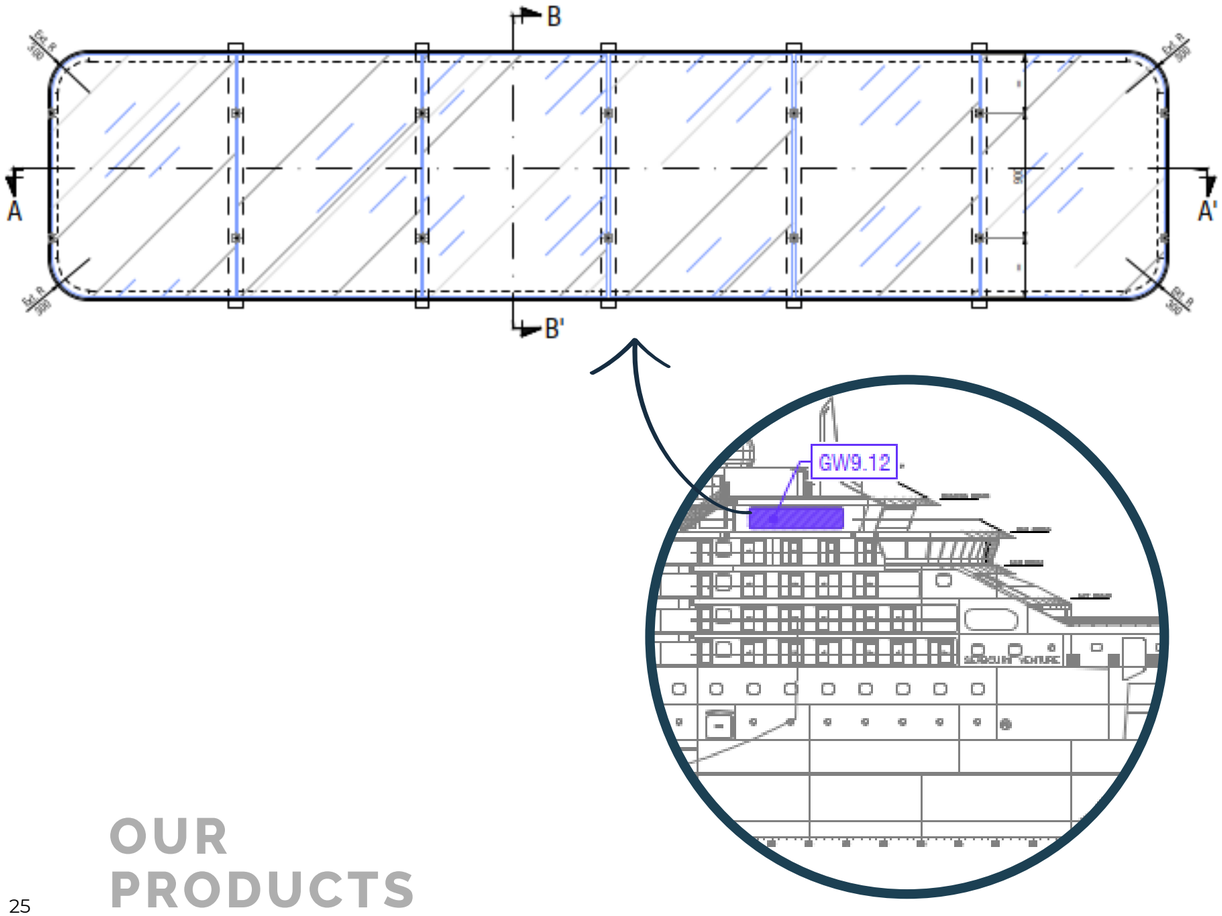
AUTOMATIC DOORS



The aluminium frame consists of two extruded profiles, typically joined at the corners through welding. To secure the frame to the bulkhead, the internal and external profiles are securely screwed together, creating a robust connection that effectively sandwiches the shell in between.This method ensures structural integrity.

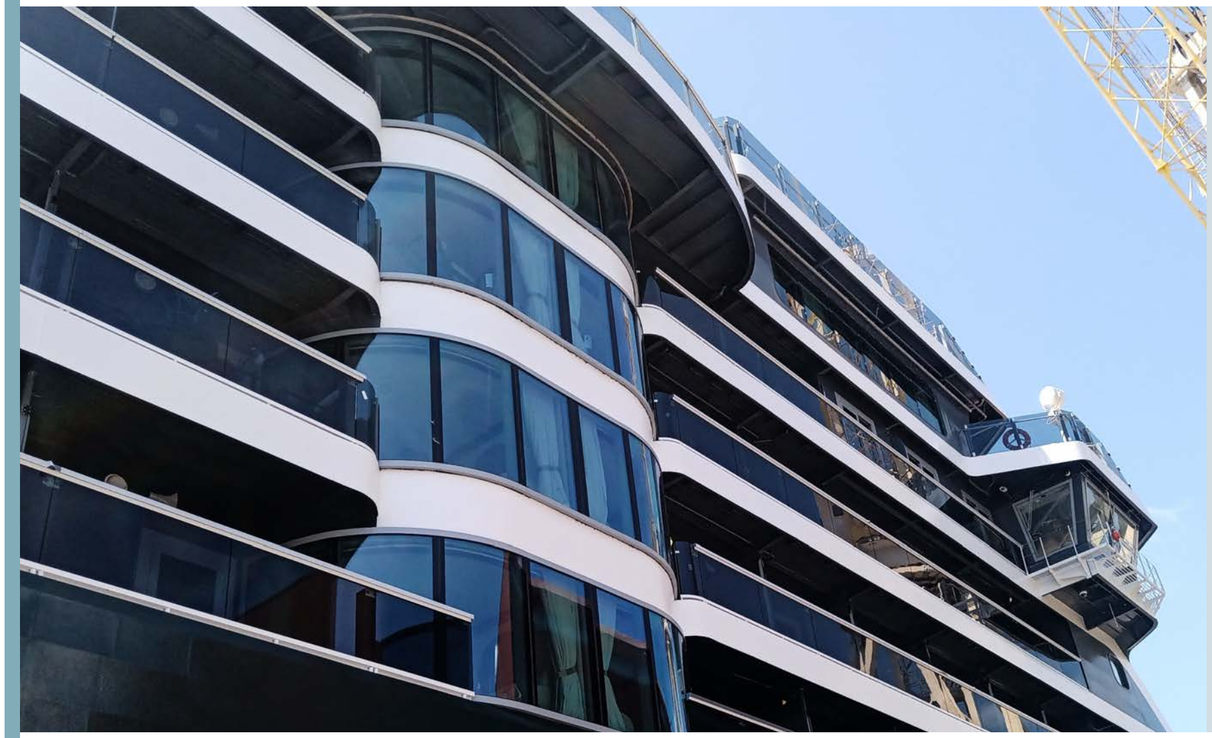
To maintain a clear separation between aluminium and steel components, a silicone seal is applied along both the inner and outer edges of the window frame. The windows are designed with rounded corners, each with a different radius, to accommodate the shape of the steel cut-out.

EXTERNAL VIEW



OUR PRODUCTS

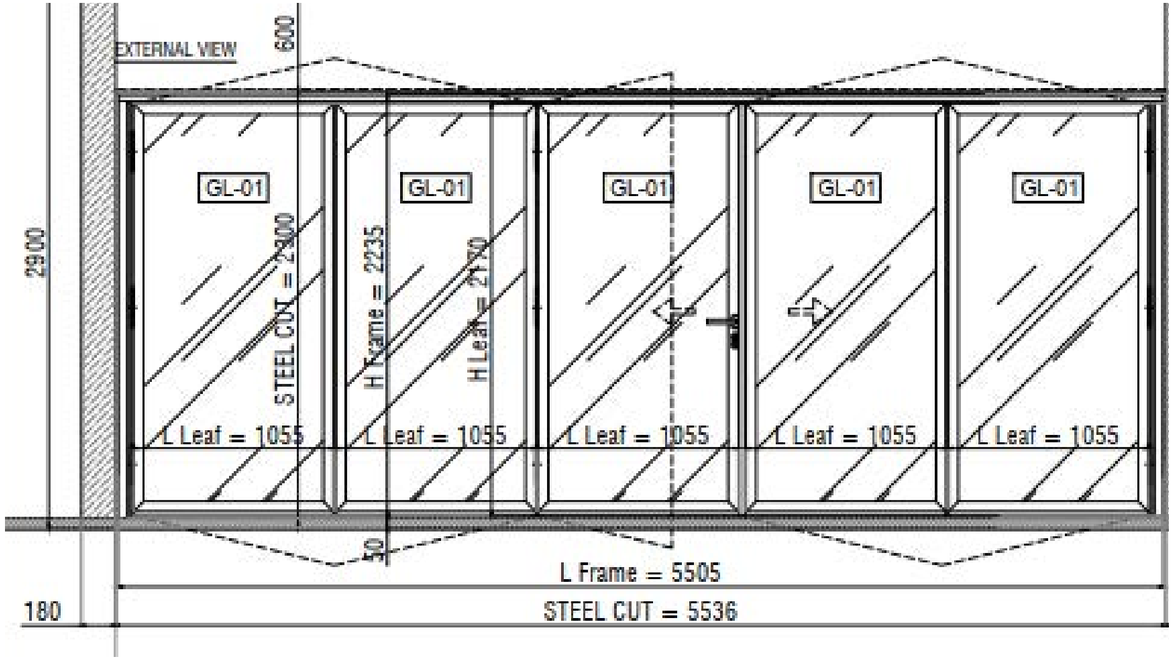
GLASS WALLS

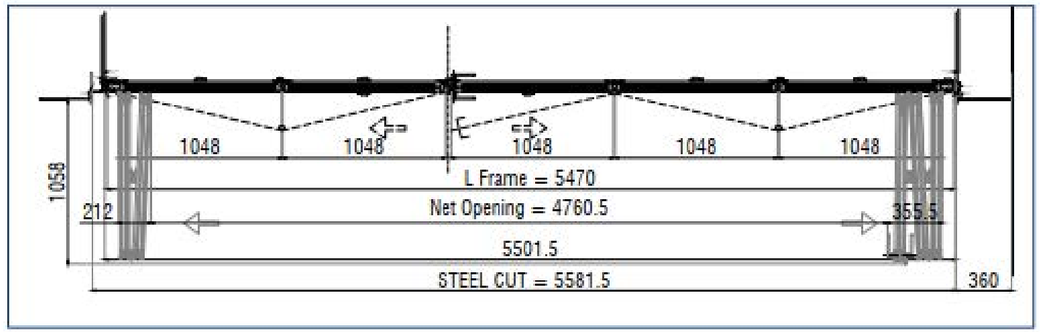


Glass walls are a ship enclosure system featuring diverse window types framed with aluminium and glass panels. The aluminium frames are commonly interconnected at the corners with internal brackets, each measuring 5mm in thickness.To secure the system to the ship's bulkhead, a perimeter angle bracket is screwed around the profile, providing a secure attachment to the steel shell.

To maintain a separation between the aluminium and steel components, a silicone joint is applied around the inner and outer edges of the wall. Connecting the frames on the vertical profiles are two aluminium plates, sealed with a silicone gasket. In cases where special shapes are required, welding may be used at the corners for added strength.

EXTERNAL VIEW





VIEW FROM ABOVE

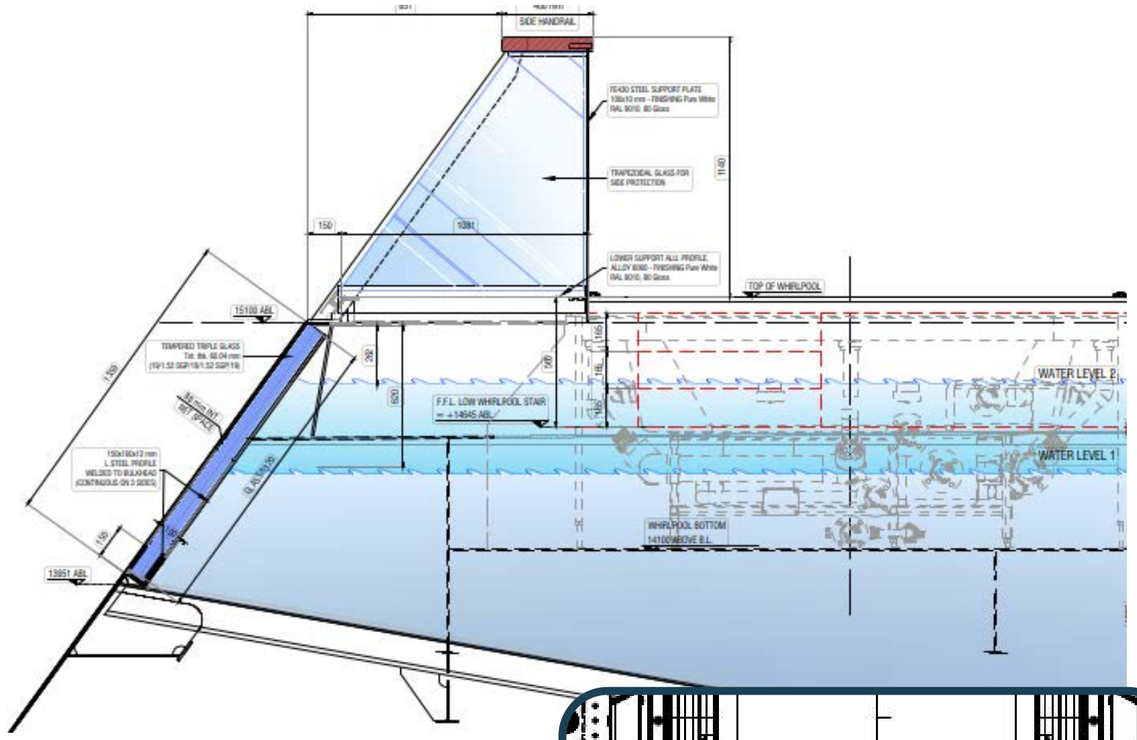
OUR PRODUCTS

STACKABLE DOORS

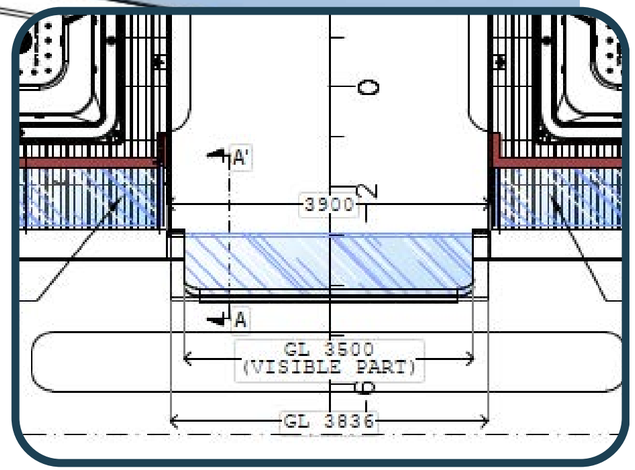
A stackable door is a specialized type of door that opens by sliding and folding its panels into designated compartments. It can cover a large surface area, facilitated by a specific track. When the door is stowed away, it becomes completely invisible, with its panels stored in compartments integrated into the interior furniture design. These doors are crafted to withstand substantial design loads, making them well-suited for expedition vessels. Typically installed own lower decks in front of pools and in open deck public areas, they don't obstruct usable open deck space when folded.

Each door leaf is securely attached to the vessel's structure and can autonomously withstand the entire design pressure, thanks to high-strength mullions attached to the door frame. For weather-tightness, the doors feature flush thresholds, and an innovative drop-down seal is employed, which is particularly beneficial when located near pool decks and restaurant areas.

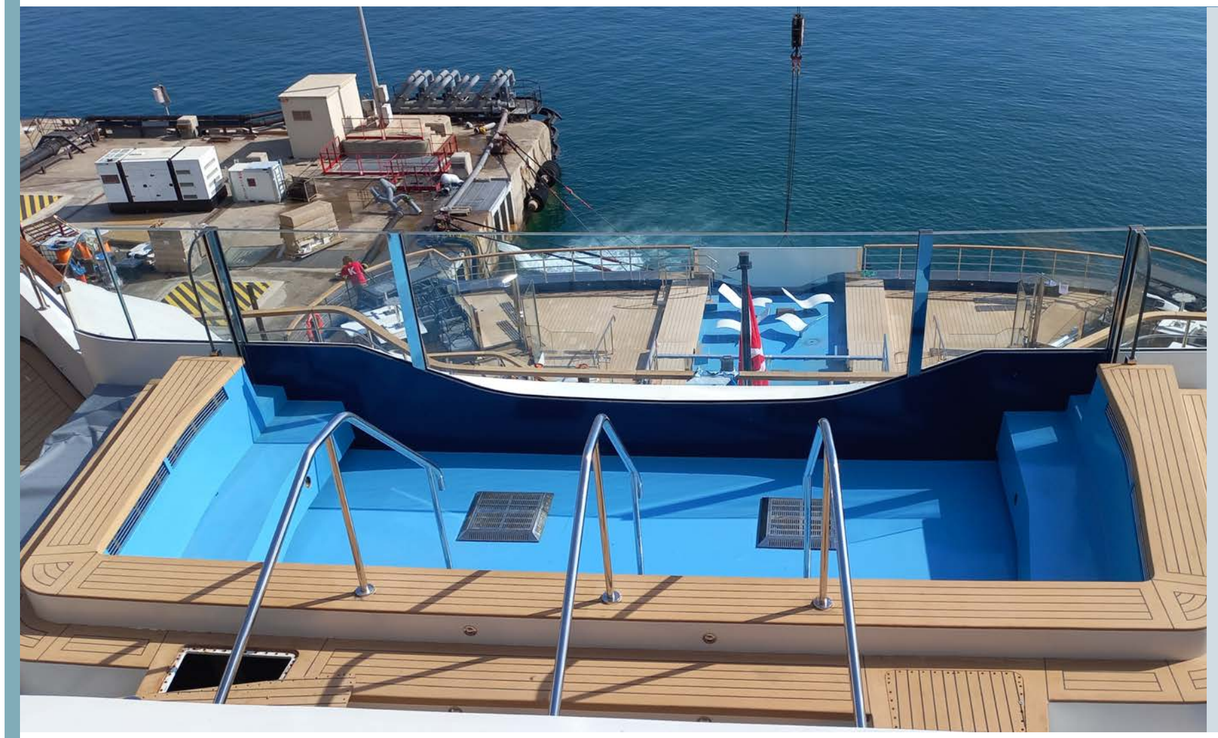
EXTERNAL VIEW



VIEW FROM ABOVE



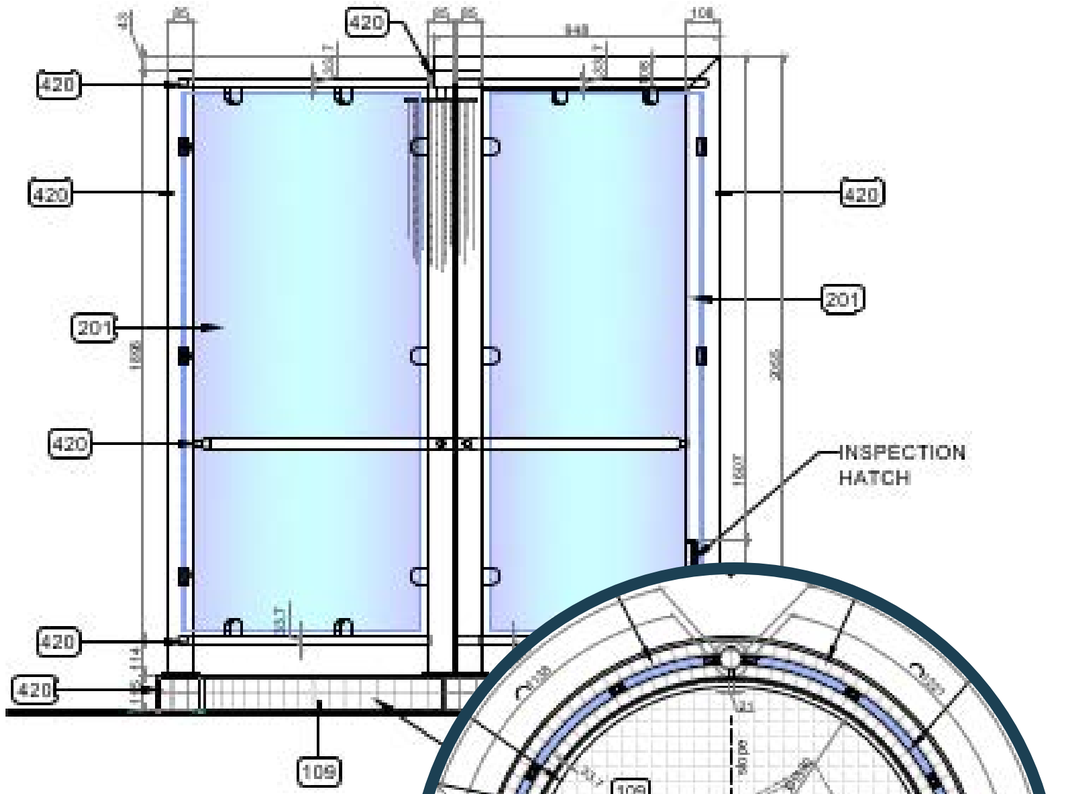
INFINITY POOLS



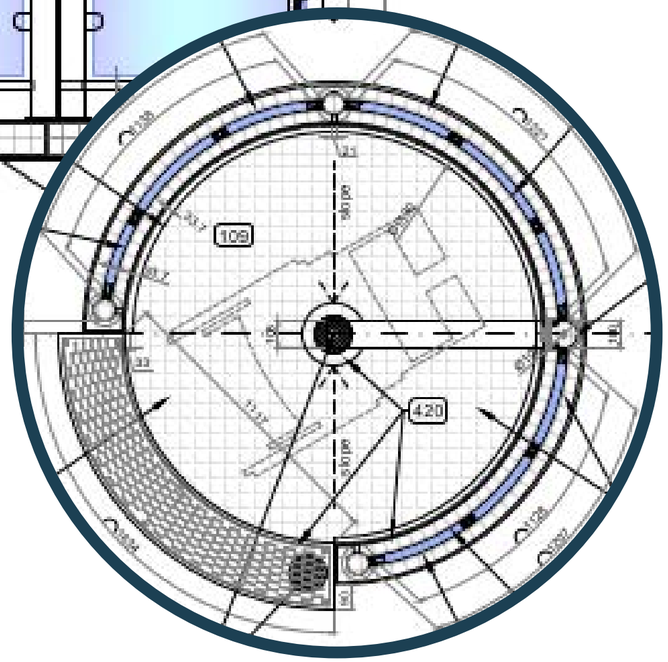
This distinctive component is notably spacious, serving as an expansive window that defines the pool area, providing unobstructed visibility. Constructed from a combination of steel and glass, it requires the creation of a designated recess or “pocket” within the deck to securely house the glass panel.

Triple laminated glass is typically chosen for its durability and superior optical clarity. The final product is consistently customized to meet the precise specifications and demands of the client, ensuring a bespoke and precisely engineered solution.

EXTERNAL VIEW



VIEW FROM ABOVE



OUR
PRODUCTS

SHOWERS

These are showers found on the various open decks, usually rounded. A steel structure to be welded to the bridge is prefabricated, completed by curved glass and steel profiles that complete the structure.

An internal steel handrail is also prefabricated and rounded. The final product is always custom made to meet the requirements of the customer.

SOME OF OUR PROJECTS

SWAN HELLENIC
SH Diana
2023

CARNIVAL AUSTRALIA
Pacific Encounter
2022

LE PONANT
Le Ponant
2022

SILVERSEAS CRUISES
Silver Shadow
2022

EVRIMA
Naviera - RCYC
2022

SEABOURN CRUISE LINES
Seabourn Venture
2022

NORWEGIAN CRUISE LINES
Norwegian Insignia
2021

VIRGIN VOYAGES
Valiant Lady
2021

SILVERSEAS CRUISES
Silver Wind
2021

CARNIVAL AUSTRALIA
Pacific Adventure
2021

OUR PARTNER

Since 2022, Wingeco has a new partner: the De Wave Group.
De Wave Group is a global manufacturer and contractor with an annual turnover of 290 million euros. They cater to the full spectrum of cruise ship and yacht interior outfitting, offering services from new builds to refitting and after-sales support.

The De Wave Group was formed by five leading companies in their fields:
·DE WAVE - cabins and wet units
·PRECETTI - catering areas
·SPENCER CONTRACT - public areas
·TECNAVI - systems engineering.

OUR CLIENTS


LVERSEA
CRUISES
Costa
NCL NORWEGIAN CRUISE LINE®
Regent SEVEN SEAS CRUISES®
CEANIA
CRUISES
THE RITZ-CARLTON®
RoyalCaribbean INTERNATIONAL
CARNIVAL AUSTRALIA
lub Med
VOYAGES
PRINCESS CRUISES
Carnival
SEABOURN
SWAN HELLENIC
PONANT YACHT CRUISES & EXPEDITIONS
CARNIVAL MARITIME


SILVERSEA CRUISES
Costa
NCL NORWEGIAN CRUISE LINE®
Regent SEVEN SEAS CRUISES®
OCEANIA CRUISES
THE RITZ-CARLTON®
RoyalCaribbean INTERNATIONAL
CARNIVAL AUSTRALIA
Club Med
VOYAGES
PRINCESS CRUISES
Carnival
SEABOURN
SWAN HELLENIC
PONANT YACHT CRUISES & EXPEDITIONS
CARNIVAL MARITIME

WINGECO

A MEMBER OF

DE WAVE GROUP

Wingeco S.r.l.
Via Geirato 150/R e 152/R
16138, Genova - Italy
Phone: + 39 010 8179990/91
Email: info@wingeco.it