

**ART OF  
SERVICES  
ART OF  
ENGINEERING**



 **ART**  
Shipyard





## ABOUT US

Art Shipyard was established in 2019 as a venture of Besiktas Group which is active in ship owning and management for more than 60 years and market leader of ship repair industry market leader in Europe.

With its experienced and dynamic ship repair team, Art Shipyard has gained a reputation in a very short time and today it serves more than 150 customers from 24 different countries annually and expanding its customers range continuously.

Situated on a 80.000 sqm total area, and 2 floating docks - the largest of which is 230 m, 1.500 meter total berthing capacity, in Art Shipyard we can accomodate 9 ships concurrently.

Adopting the values such as customer satisfaction, production and planning efficiency, sustainable quality management, zero-incident policy, we are committed to delivering the "art of services" to our customers.



# YARD FACILITY

Dock Name	ART SHIPYARD 1	ART SHIPYARD 2	ART SHIPYARD 3
Lifting Capacity	20.000 t	13.500 t	
Dock Size	Panamax Floating Dock	Handymax Floating Dock	Lay by Berth
Length	230 m	190 m	2 x 175 m 1 x 150 m
Breadth	38,2 m inner breadth	35,4 m inner breadth	13,7 m (breadth of jetty) 7,7 m (breadth of jetty)
Berthing Capacity	1 x 230 m length 1 x 124 m length	1 x 116 m length 1 x 140 m length	2 x up to 230 m length x 33 m beam 1 x 160 m length x 24 m beam
Crane Capacity	2 x 20 t	2 x 20 t	Gantry Crane 400 t Jib Crane 40 t Tower Crane 10 t

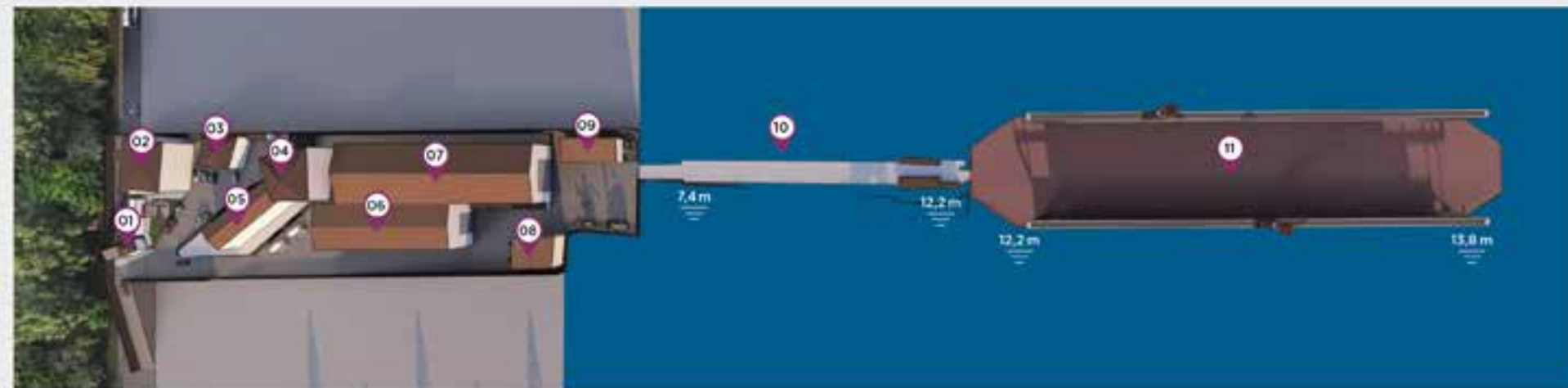




# ART-1 DOCKING FACILITY

## PANAMAX FLOATING DOCK

Lifting Capacity : 20.000 t  
Length Overall : 230 m  
Inner Free Breadth : 38.2 m  
Crane Capacity : 2 x 20 t  
Berthing Alongside : 1 x 230 m



- 1 MAIN GATE & SECURITY
- 2 HEAD OFFICE
- 3 SUPERINTENDENT OFFICES
- 4 TECHNICAL OFFICES & WAREHOUSE
- 5 MESS ROOM & CONTRACTOR OFFICES

- 6 VALVE WORKSHOP & EQUIPMENT STORAGE
- 7 PIPE & STEEL & OUT FITTING WORKSHOP
- 8 GRIT STORAGE
- 9 COMPRESSOR ROOM & REST ROOM

- 10 LAY BY BERTH - 124 m
- 11 FLOATING DOCK  
L 230 m x B 38.2 m  
Crane Capacity 2 x 20 t  
Max. Draft 7.5 m



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# ART-2 DOCKING FACILITY

## HANDYMAX FLOATING DOCK

Lifting Capacity : 13.500 t  
Length Overall : 190  
Inner Free Breadth : 35,4 m  
Crane Capacity : 2 x 20 t  
Berthing Alongside : 1 x 190 m



- 01 MAIN GATE & SECURITY
- 02 COMPRESSOR ROOM
- 03 PROPELLER & SHAFTING WORKSHOP
- 04 OWNER REPRESENTATIVE'S OFFICES
- 05 TECHNICAL OFFICES
- 06 MESS ROOM & CONTRACTOR OFFICES
- 07 SLIPWAY

- 08 HEAT EXCHANGER ULTRASOUNIC CLEANING WORKSHOP
- 09 WAREHOUSE
- 10 PIPE WORKSHOP
- 11 STEEL & OUTFITTING WORKSHOP
- 12 LAY BY BERTH  
1 X 140 m  
1 X 116 m

- 13 FLOATING DOCK  
L 190m x B 35,4 m  
Crane Capacity 2 x 20 t  
Max. Draft 7,5 m
- 14 INFIRMARY
- 15 GRIT STORAGE
- 16 DISPOSAL AREA
- 17 MACHINING WORKSHOP



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to watch As Franziska.





# ART-3 BERTHING FACILITY

## LAY BY BERTHS

Berth 1	: 175 x 2 sides
Berth 2	: 150 m
Depth	: 5-8 m
Crane Capacities	
Jib Crane	: 40 t
Tower Crane	: 10 t
600 + m total berth capacity	



- 01 MAIN GATE & SECURITY
- 02 PAINT HALL
- 03 SHOP PRIMER
- 04 PRODUCTION WORKSHOP
- 05 CNC CUTTING & STEEL & OUTFITTING WORKSHOP

- 06 PIPE WORKSHOP
- 07 GANTRY CRANE 400T
- 08 HATCH COVER LANDING AREA
- 09 SLIPWAY & OFFICES & WAREHOUSE
- 10 LAY BY BERTH 1 - 150 m

- 11 LAY BY BERTH 2 - 2 x 175 m
- 12 JIB CRANE 40 t
- 13 TOWER CRANE 10 t



Please scan the QR code to watch Maersk Kalea.





# GREEN SOLUTIONS

*Green Solution Projects for capture,  
filter and clean polluted runoff*





# ENERGY

## FOR FUTURE



### DUCT INSTALLATION

Duct installation is one of the most effective energy-saving systems that significantly reduces fuel consumption at a given speed, and enables the vessel to move faster for a given power ratio. Art Shipyard is well-versed in the latest technology and innovations related to duct installation, and dedicated to delivering the best possible results to our clients.

### RUDDER BULB INSTALLATION

A rudder bulb is a streamlined bulb, which is fixed at the leading edge of the rudder. It improves the water flow in front of the rudder and fills the vacuum behind the centre of the propeller. In addition, the rudder bulb reduces propeller induced cavitation, which will result in an extended lifetime of the rudder by less cavitation damage in propeller hub area. Calculations together with tank tests have shown that direct fuel savings up to 1,5% when a bulb is applied to a rudder, depending on the ship type and its steering behaviour.

### PROPELLER BOSS CAP FINS (PBCF)

Propeller Boss Cap Fins System, PBCF in short, is an energy-saving device attached to the propeller of a vessel, known with its environmental impact-reducing technology. The device breaks up the hub vortex generated behind the rotating propeller, which improves propulsive efficiency by recovering the energy loss. The innovation returns between a 3-5% reduction in fuel consumption, resulting in substantial cost-saving and the decrease of CO2 emissions per year.

### SILICONE PAINT

Silicone paint is an eco-friendly application which is typically biocide-free. It is also self-cleaning, which can result in fuel savings of 3-5 percent. At Art Shipyard, we are dedicated to helping our clients reduce their environmental impact using high quality, eco-friendly silicone paint.



# ENVIRONMENTAL SOLUTIONS

Green Solution Projects that catch, filter, and purify contaminated runoff.



## SCRUBBER INSTALLATION

Scrubber installation is an environmentally friendly practice that decreases fuel consumption, while improving fuel efficiency, and lowering emissions. Our team has extensive experience in the latest technology and innovations related to scrubber installation, and we are committed to delivering the best possible results to our clients.

## AIRGUARD SEAL INSTALLATION

In order to comply with the latest anti-pollution and environmental regulations, we offer airguard seal installation services that utilize products that provide maximum efficiency while minimizing operational risks.

## BWTS INSTALLATION

BWTS installation services help our clients manage their ballast water to avoid introducing alien organisms into other environments. At Art Shipyard we offer a wide range of services that includes collaboration with all major system manufacturers, high-quality GRE/GRVE pipes, steel structure and pipeline prefabrication, and

convenient layouts for safe equipment storage. We also provide seminars and trainings on a regular basis to ensure that our clients are fully informed and equipped to meet the latest environmental and safety regulations.





# SERVICES

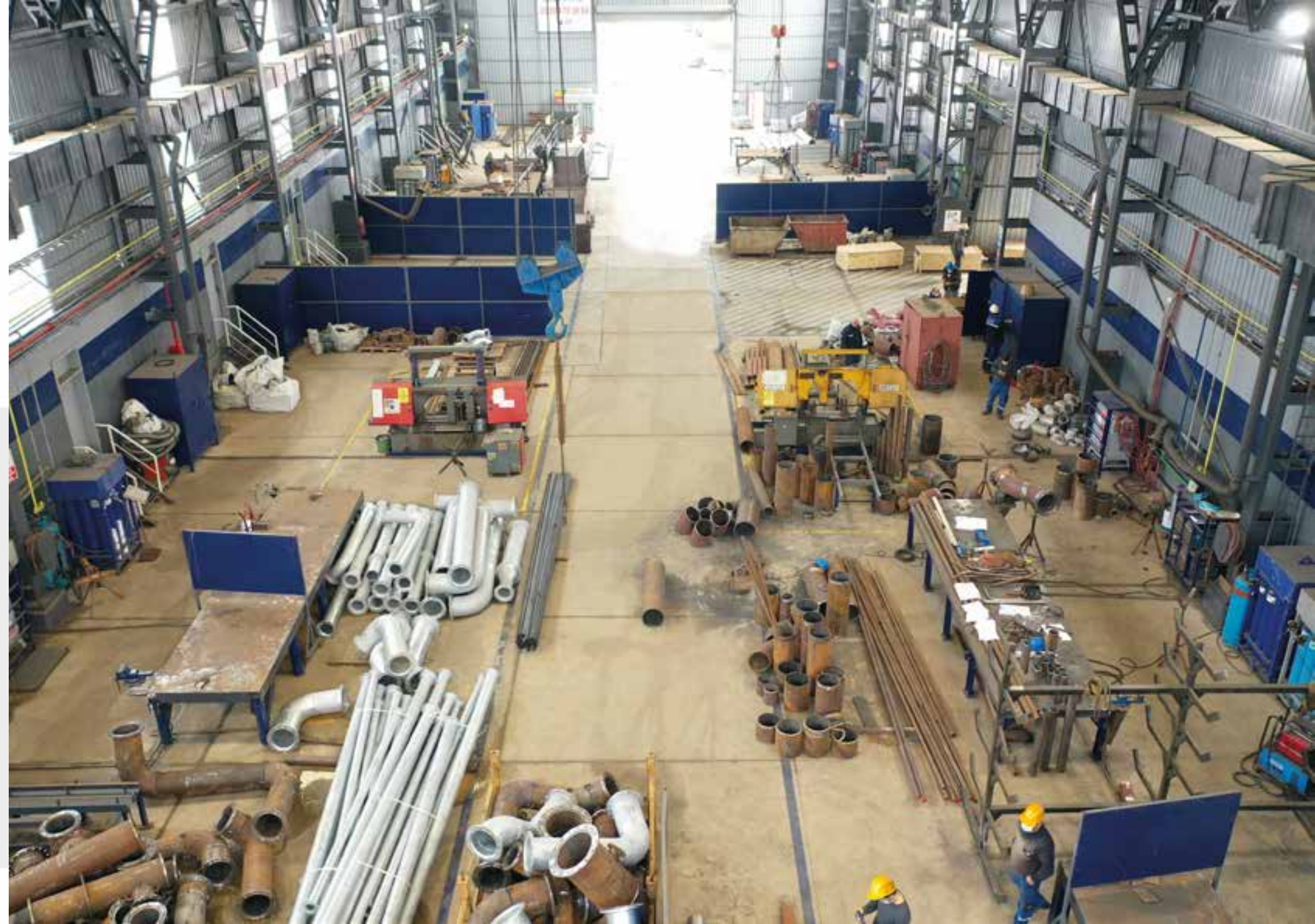


# STEEL & OUTFITTING WORKS

At a closed area of 22.000 sqm, our professional team serves you for steel renewals and repair work.

- General Steel Renewal
- CNC Cutting
- Prefabrication
- Welding Repair
- 8 tons steel renewal capacity per day/per vessel totaling to a steel renewal of 3000 tons per year
- Block prefabrication
- Shop priming facility

We also provide light steel fabrications, ventilation ducting, insulation, and carpentry services.





# PIPE WORKS

At a closed area of 22.000 sqm, ballast water treatment system prefabrication and routine pipe works are carried out.

- Standart Pipe Renewal
- PVC & GRP
- Stainless Steel
- CuNiFe
- Poliethylene / Rubber Coating
- Hot Dip Galvanization



# ELECTRICAL WORKS

Maintenance and refurbishment services for electric and electronic equipment are provided.

- Electric Motors, Fans, Blowers Overhauling & Rewinding
- Switchboard Cleaning
- Air Circuit Breakers Testing
- Electrical Equipment Calibration
- Automation & Navigation System
- Alternators Cleaning & Overhauling





# BLASTING & PAINTING

Surface treatment works with high capacity and modern equipment are carried out.

- Hull & Deck
- Hatch Covers
- Cargo Holds
- Ballast Tanks & Cargo Tanks





# MECHANICAL WORKS & PROPULSION SYSTEM

Our qualified and experienced team handle any type of machinery and mechanical requirements.

- Shaft, Propeller & Rudder Works
- Main and Auxiliary Engines Overhauling
- Turbocharger & Governor Maintenance
- Boiler and Economiser Maintenance
- Valve Overhauling
- Pumps Overhauling
- Windlass & Mooring Winch
- Crane & Hydraulic Systems
- Heat Exchangers Maintenance and Ultrasonic Cleaning





# SAFETY & QUALITY

We take pride in our Safety and Quality Management System, which combines innovation and efficiency without compromising safety.

Our safety culture is not only inspired by worldwide standards and regulations. It also reflects our commitment to fostering a self-growing and long-term understanding of quality and safety in all aspects of our service line.

At Art Shipyard, we conduct our operations in an environmentally sustainable manner, and every member of our team is fully

aware of the restrictions and regulations in place to prevent contamination from our operations. We are dedicated to ensuring that our employees are well-trained and knowledgeable about the best practices for environmental protection, and we continuously work to reduce our environmental impact through the implementation of responsible and sustainable practices.

Our goal is to deliver the highest quality service while maintaining the utmost level of safety and environmental sustainability.



# OUR CERTIFICATES











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