



# **CARTUBI**

*The Past and Future of the Sea*

**COMPANY  
PRESENTATION**

# Our history

## In the history of the sea and its future

*Cartubi has been operating for over 50 years in Trieste - Italy in the shipyard sector. Since 1973, the beating heart of our shipyard has been mechanical repairs, piping, carpentry as well as the construction of new naval units.*

In 1973 the artisan consortium CAR.TUBI was established. First of this consortium type formed by craftsmen made in the province of Trieste. The activity of the consortium, mainly directed towards the shipbuilding industry, continues until 1988, when the various craftsmen who had given life to the consortium decide to join as partners in the establishment of Cantieri Navali Cartubi Srl, which will find its headquarters operational on the area of the former Naval Giuliano Shipyard of Molo F.lli Bandiera in Trieste.



In 1998 Cantieri Navali Cartubi Srl and Mr. Franco Giovanni constitute the Nuovo Arsenale Triestino Srl. The company Cartubi underwrites the majority of shares thus becoming the controlling entity of the newly established company. The Nuovo Arsenale Triestino Srl aims to restore efficiency to the old construction area of the former Arsenale Triestino S. Marco put into disuse by Fincantieri, this with the aim to relaunch the shipbuilding tradition of Trieste.

During 1998 a building was acquired for use as a mechanical workshop, and once restructured a welding workshop with attached slipway all to increase the typical activity of the company. Given the considerable increment in working capacity and to allow the natural expansion of the business from acquiring new work orders, in 2002 the Nuovo Arsenale Triestino purchased an adjacent warehouse in the same industrial area.

In 2005 Cantieri Navali Cartubi incorporated the Nuovo Arsenale Triestino by merger. Thus, allowing strategically to align and integrate the activities of the two companies. This permitting to move forward with greater competitiveness in the shipbuilding sector while still maintaining the activity in the civil and industrial plant engineering sectors.

Today Cartubi covers an area of 62,000 square meters divided into:

- 47,000 m<sup>2</sup> of uncovered areas, yards and docks
- 15,000 m<sup>2</sup> of covered and built-up areas, in which the equipped carpentry, piping and mechanics workshops are located in addition to the materials warehouse.

The direct human resources of Cartubi comprises over 70 professionals including technicians and workers and makes use of the collaboration of companies and firms specialized in motor mechanics naval and general services as painting, electromechanical etc., with which Cartubi collaborates for many years, reaching a total headcount of 400 people divided into various specializations.



# The field in which we operate

We have developed expertise over several years in multiple fields

## Naval design

The use of the most modern and sophisticated technologies has allowed us together with the meticulous care in the realization of every minimum detail, to reach qualitative levels in naval design appreciated internationally.

The Company employs highly specialized professionals in the naval, yachting and off-shore fields to ensure a turn-key service.

Last but not least, with the introduction of the latest FARO technological innovation such as ARM.3600, Tracker Vantage, Freestyle and Laser Tracer system and the 3D colour printer that allows us to scan any structure and objects without drawings and allows the subsequent reworking on digital support and the creation of 3D physical models.

## New builds-shipbuilding

The total surface area of 62,000m<sup>2</sup> of open and covered areas, and the capacity to build naval vessels from 30m to 200m, makes Cartubi one of the largest shipyards in the Upper Adriatic.

We make our customers' dreams come true, starting from a blank page; we build their desires in-house making them unique and exclusive, our passion for the sea, our professionalism, our quality of products and services and the unmistakable Made in Italy mark make Cartubi a unique and cohesive force.

We have and build ferries, tugs, pontoons, yachts, commercial vessels in both steel and aluminium. The slipway on which we can build supports up to 50,000 tons with a maximum length of 200m



## Repairs, refitting, conversion in house and abroad

### IN HOUSE:

Cartubi is able to repair and/or convert ships of all types, floating docks, tugs, barges and small vessels also for port use.

We carry out heavy and light carpentry, piping, welding, mechanical repairs, hull rearrangements including sandblasting, hydro-sandblasting and painting. The turn key service, from design to construction, includes tests with the Classification Registers, as well as the reclassification of vessels from conversion activity.

### ABROAD:

Cartubi is specialized in carrying out all-round work on board ships: piping for all on-board systems, carpentry, mechanics, refrigeration and cooling systems, reclamation, painting, engine rooms, thruster rooms, external structures, restoration of floors, walls, ceilings and systems in general, insulation and cold room cooling systems.

## Oil & Gas: on-shore and off-shore

In recent years Cartubi has developed an all-round expertise in the Oil and Gas sector thanks to the strong skills of the engineering and production divisions.

This has allowed us to be able to carry out and manage the maintenance of on-shore and off-shore plants with rapid and effective solutions.

All this has allowed Cartubi to consolidate the collaboration with the most prominent customers in Italy and abroad.

The Oil and Gas sector is in continuous development due to the continuous investments and technological innovations that Cartubi has implemented and is implementing.



# Mechanical processing

Cartubi is an authorized Parker Store centre

*The mechanical department occupies an area of over 3,500 square meters. Equipped with bridge cranes of 30 and 50 tons.*



The mechanical workshop has equipment such as lathes, column drills, boring machines, choke machines, milling machines, presses, cylinder grinding machines, m.c.i. intake and exhaust, valve grinding machines, flat grinding machines, safety valves seat lapping machines, ercolina (tube bender), sandblasting system, ultrasonic cleaning tank, chemical cleaning tank, washing machine for washing tools, wire welding with TIG electrode.

The engine department is specialized in overhauling engines of various brands (WARTSILA, MAN, SULZER, PILSTIK, DEUTZ, B&W, CAT, MTU) and all the mechanical components present on board ships such as pumps, compressors, mooring winches, heat exchangers valves, hydraulic systems and their components, fans, telescopic cranes, launch systems and hatches.

In recent years, thanks to its consolidated experience in hydraulics, Cartubi has become an authorized PARKER STORE center by setting up a workshop dedicated to the construction of hydraulic systems as well as service on behalf of PARKER ITALIA.





# Piping workshop

Any pipe needed  
we can build

*Cartubi works on yachts, offshore vessels, cruise ships, merchant ships and military vessels in the construction of new projects, for naval refitting and on-board maintenance.*

Our piping department can build any type of pipe. In fact, Cartubi has numerical control machines, numerical control oxy-acetylene or plasma pipe cutting machines and band saws for cutting pipes up to 711.2 mm as well as for manual cuts without size limits.

Cartubi is specialized in the production both in workshop and in place, of pressure oil flow pipes, pipes for CO2 systems, steam coils, stainless steel and copper details for naval, civil and industrial plant engineering.

The welding department that assembles accessories using continuous wire (MIG, MAG) electrode and TIG welding is certified by the main Shipping Registers such as RINA, Lloyd Register ABS, Bureau Veritas, Germanischer Lloyd and other inspection and control bodies.

Cartubi is equipped and certified for the construction of systems with New Technologies: Pressfittings, Acquaterm, Cunipres, PVC, Fiberglass, Polybutylene, Polypropylene and Victualic technology.







# Carpentry without limits

## Indoor construction of structures prefabricated without weight limit

*We have considerable experience and know-how in the design and construction of complete superstructures of major cruise ships, mega-yacht superstructures and entire hulls as own builds and for main Italian shipyards.*



The carpentry department occupies an area of over 6,000m<sup>2</sup> covered with a sliding roof that allows the indoor construction of prefabricated carpentry structures without weight limit.

Cartubi has:

- 3 bridge cranes with a capacity of 25 tons,
- 3 rail-sliding tower cranes of 60 tons each that can work in pairs,
- 180 welding stations,
- 60 connections for technical gases,
- 60 connections for compressed air.

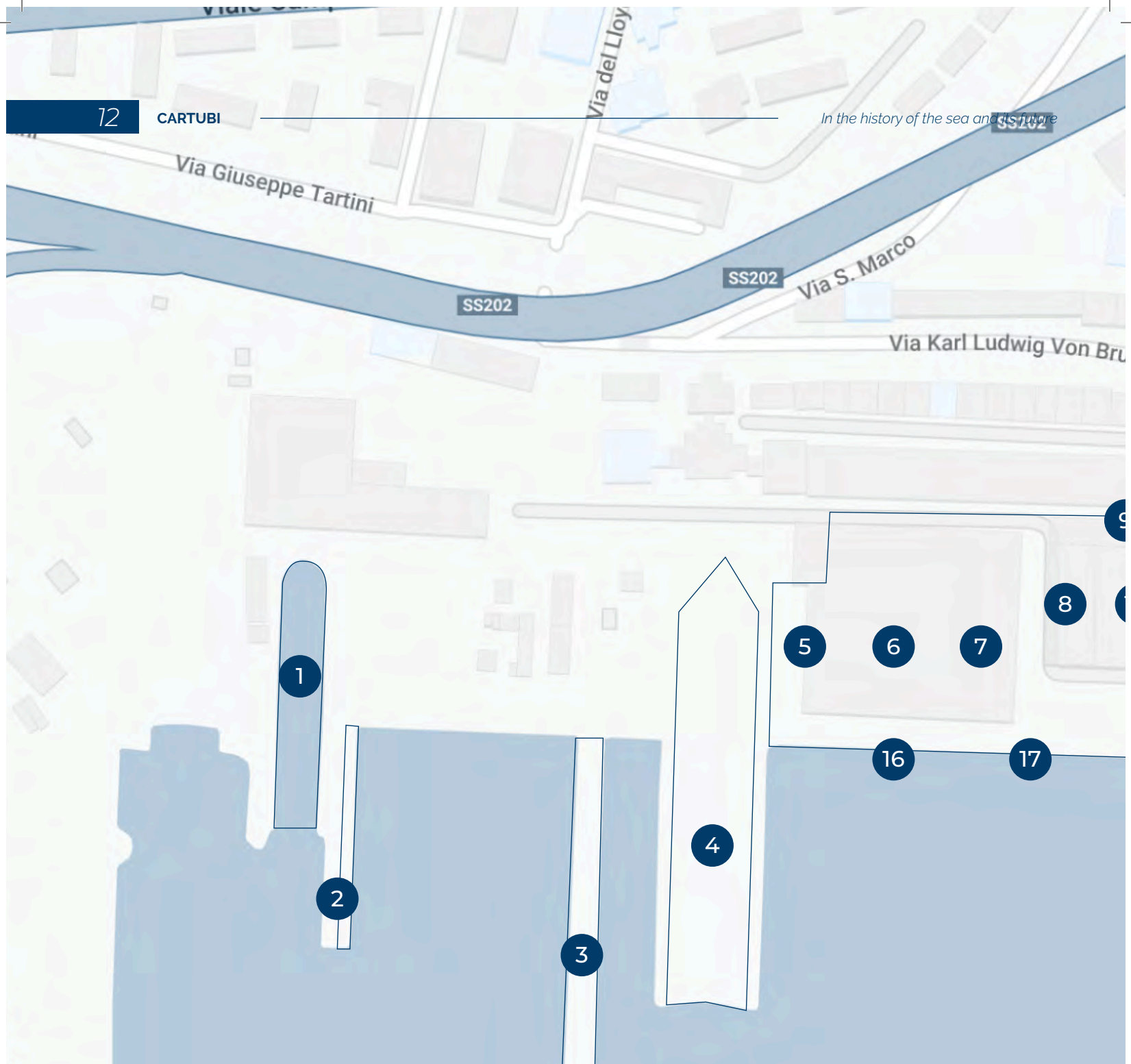
The carpentry department specializes in the construction of light alloy products in aluminium, of any thickness from 2 mm upwards, as well as being specialized in the construction of artifacts made of extruded aluminium panels.

In recent years Cartubi has acquired considerable experience and know-how in the design and construction of complete superstructures of the main ships from cruise, mega-yacht superstructures and entire hulls on own account and for main Italian shipyards as well as in the construction of entire aluminium smokestacks, complete with equipment for all cruise ships Co. building in Italy.

The Carpentry department is also specialized in steel processing; we make entire boat hulls as well as heavy carpentry structures for the Oil & Gas and industrial sector.

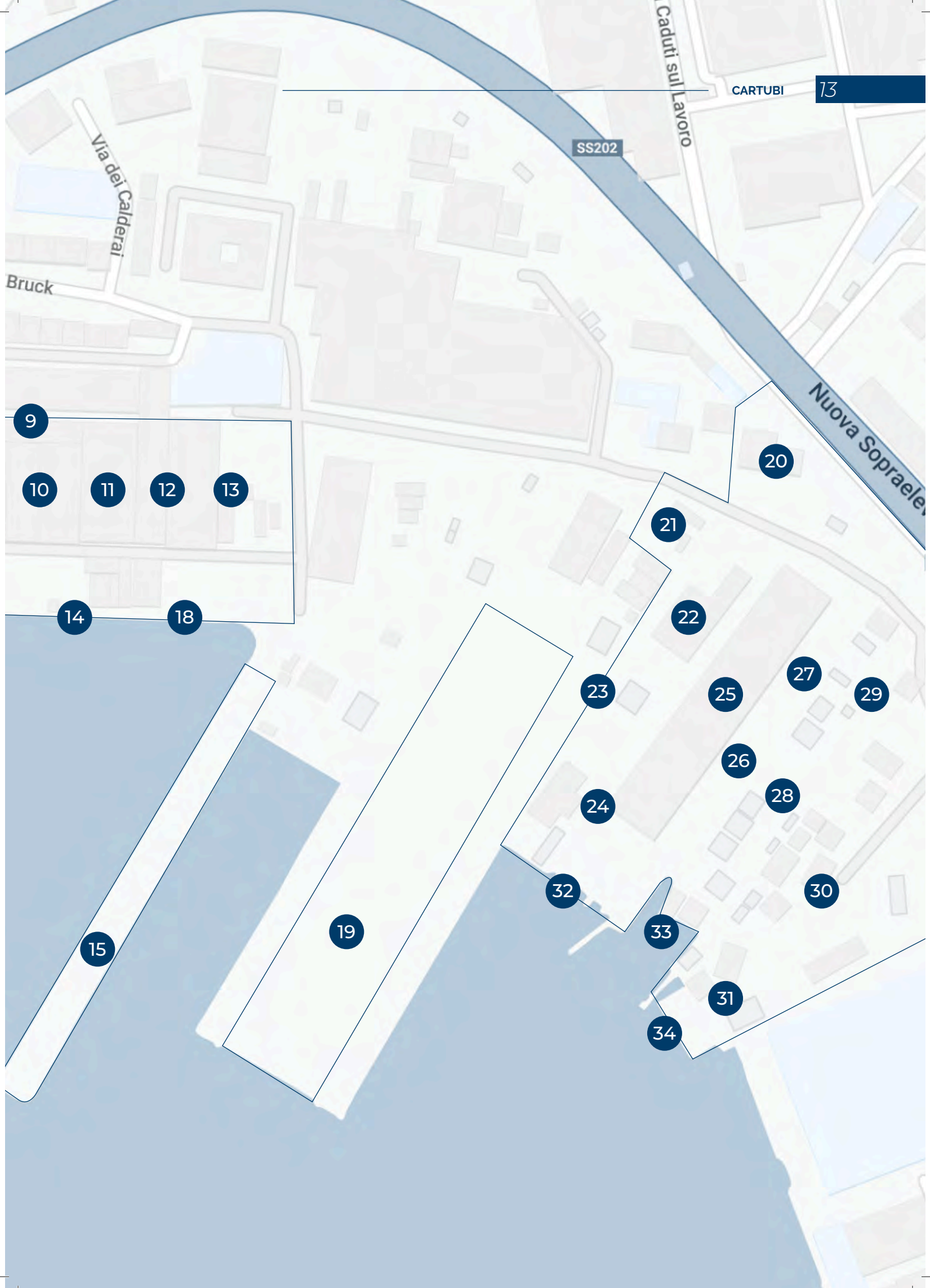
Thanks to its partners and to the STRATEGIC position on the SEA, Cartubi is capable of creating and moving by means of SPMT trolleys large carpentry constructions with sizes up to 2,500 tons by delivering them on board ship or barge at our docks.





## INDEX

- 1 - Dry dock No.1 dimensions 145 x 23 x 4.6 meter
- 2 - Mooring pier 100 meters
- 3 - Mooring pier 170 meters
- 4 - Dry dock No.3 dimensions 207 x 28.4 x 8.2 meter
- 5 - Production Offices
- 6 - Mechanical workshop
- 7 - Mechanical assembling workshop
- 8 - Guesthouse
- 9 - Warehouse
- 10 - Warehouse
- 11 - Warehouse
- 12 - Sand blasting area
- 13 - Painting workshop
- 14 - Mooring pier 300 meters
- 15 - Mooring pier 250 & 280 meters long
- 16 - Semisub Barge "ANT" 91x27 meter 9000 Ton
- 17 - Barge "Lucio I" 35x11 meters 350Ton
- 18 - Barge "Susanna" 50x16 meters 2000Ton
- 19 - Dry dock No.4 dimensions 295 x 56 x 9.2 meter
- 20 - Main Offices
- 21 - Welding consumable/bottle area
- 22 - Pantograph
- 23 - Uncovered building area
- 24 - Crane No.7 60Ton
- 25 - Welding workshop (Covered)
- 26 - Crane No.5 60Ton
- 27 - Crane No.4 60Ton
- 28 - Building slip up to 50.000DWT
- 29 - Crane No.3 60Ton
- 30 - Uncovered yard
- 31 - Mooring dock
- 32 - Barge "Luna" 47x13meters 1200Ton
- 33 - Mooring pier 100meters
- 34 - Crew boat "Nina" 7 meters



CARTUBI

13

SS202

Via dei Calderai

Caduti sul Lavoro

Bruck

Nuova Sopraele

9

10

11

12

13

14

18

20

21

22

23

25

27

29

26

24

28

30

15

19

32

33

31

34

# Our certifications

**We make the biggest dreams come true with dedication and constancy**

*We belong to the sea, we travel it because it has been our history, our horizon and fuels us to grow and achieve better goals.*



## Quality Policy

- Commitment to achieving complete customer satisfaction, by fully meeting Quality, Time and Cost Requirements for contracted services;
- Commitment to achieving complete customer satisfaction collecting and analysing customer feedback and comments;
- Commitment in promoting continuous improvement plans and adopting a process-based approach designed to ensure the effectiveness and efficiency of the Quality Management System;
- Commitment to guaranteeing stakeholders engagement by ensuring mutual benefits, the full involvement of company personnel and an awareness of the relevance and importance of their individual roles and responsibilities;
- Commitment to implementing a Risk and Opportunity Knowledge Management System and to collecting Information, Experiences, Lessons Learnt in order to ensure the circulation and diffusion of Best Practices within the Companies Group;
- Commitment to having mutually beneficial relationship between Cartubi S.r.l. and its suppliers in order to enhance the ability of both to create value on the market and meet customer expectations.

## ISO 9001:2015 Certification

UNI ISO 9001:2015 is an internationally recognized standard for the creation, implementation and management of a Quality Management System for companies. Cartubi has achieved the eligibility for this certification thanks to the careful quality management of its internal work processes.

## ISO 14001:2015 Certification

UNI ISO 14001:2015 specifies the requirements of a given Environmental Management System so that each organization can identify impacts, environmental risks and related improvement opportunities. The Cartubi company has met the requirements to be included in this legislation in support of environmental sustainability.

## ISO 45001:2018 Certification

UNI ISO 45001:2015 is the regulation "Management systems for health and safety at work - Requirements and guidance for use" which defines the minimum standards of good practice for the protection of workers around the world. Cartubi, always is attentive to the health and safety of its team and is certified according to these standards to best safeguard the work of their teams.

## Company activities are carried out in full compliance with current legislation on environmental protection.

The Company has obtained the AUA Decree from the FVG Region (Decree n. 976/AMB dd. 08.28.2018), and operates according to the provisions of Presidential Decree 59/2013 regarding emissions into the air, water and soil.

The Company's objective is to promote the dissemination of a culture of environmental protection, correct waste management and the implementation of sustainable measures for the prevention of soil, water and air pollution. In February 2022, the efforts put in place took shape with the achievement of the ISO 14001:2015 Certification, promoting the exercise of environmental issues through an advanced management system for the consolidation of environmental requirements and the reporting of situations with potential negative impact.

The integrated management of the system makes it possible not to underestimate the small daily actions, paying great attention to the methods used to carry out the activities underlying the company initiatives, implementing possible actions capable of safeguarding the surrounding environment.

The objective tends to make the image of a company as "green" as possible, with an eye to renewable energies, from the construction of boats with "hybrid" technologies, to the installation of photovoltaic systems and a reduction of plastics in daily working life.

ANNIVERSARY  
1973-2023

# 50<sup>TH</sup> CARTUBI

FINCANTIERI

Benetti

CRN

V.SHIPS

WÄRTSILÄ

SAIPEM

eni

subsea 7

A&S

OCEAN

Carnival

Holland America Line

MSC  
CRUISES

NCL NORWEGIAN  
CRUISE LINE

PRINCESS

ROYAL CARIBBEAN CRUISES LTD.

Costa  
CRUISES

VIKING RIVER CRUISES

SILVERSEA

TUI

Via Karl Ludwig Von Bruck, 32  
34144 Trieste (TS)

T. +39 040 322 0301  
info@cartubi.it

[www.cartubi.it](http://www.cartubi.it)