



# HEAVY EQUIPMENT

## OIL & GAS



# About us

## Profile

ATB Group, an industrial group based in Italy and operating in over 20 countries with more than 1.500 employees, is a leading player with worldwide experience and expertise in the following sectors:

- **Hydro Mechanical Equipment** and Penstocks Main contractor for hydropower plants
- **Heavy Equipment** manufacturer for Oil & Gas and Power Generation industries
- **Construction** of industrial complexes, **infrastructure** works and the **management** of full-cycle iron and steelmaking plants
- Electromechanical equipment for **small hydropower** plants and **small wind** turbines supplier

## History

The activity began in 1981 when Sergio Trombini, sole shareholder and Chairman of ATB Holding S.p.A, established his first company. In 1990, the group expanded his activities in the Civil Constructions & Industrial Services, through the establishment of Semat Spa, now present in six European Countries with consolidated references as reliable partner specialized in the construction of industrial complexes, infrastructure works and the management of full-cycle steel plants.

In 2003, the Group has formed ATB Riva Calzoni through the acquisition and merging the decades-long of technical skills and facilities of Acciaieria e Tubificio di Brescia (ATB) and Riva Calzoni Impianti. Since their establishment, between the mid-18th and the early 20th centuries, ATB and Riva Calzoni have excellent results at worldwide levels in the construction of major energy projects and manufacture of components for power generation and Oil & Gas Industries.

In 2016, the group has acquired Hydro Energia, an Italian company recently renamed ATB Riva Calzoni Rinnovabili, with more than 30 years of experience and references and with a proprietary expertise for the design and manufacturing of hydroelectric turbines and Water to Wire packages.

# AN INTERNATIONAL PLAYER FULLY FOCUSED ON ENERGY

HEAVY EQUIPMENT - OIL & GAS  
products & services:



PROCESS EQUIPMENT



EQUIPMENT LIST



SERVICE FOR O&M

**ATB Group operates today in the following business sectors:**

HEAVY  
EQUIPMENT

HYDRO  
MECHANICAL  
EQUIPMENT

RENEWABLES

CIVIL  
CONSTRUCTION





# Process equipment

Process Equipment Business Unit takes advantage of ATB long and successful operational experience as world leader in the design, fabrication and inspection of equipment utilized in the Oil & Gas, Refinery and Petrochemical plants, which operate in the most severe conditions of pressure and temperature under corrosion and hydrogen attack.

ATB design experience covers almost the **complete range of components required for Upstream, Midstream and Downstream applications**. Due to the continuous improvement required by refineries and petrochemical plants productivity, the thickness, diameter and weight of reactor and vessels have

increased drastically and reached the limits of the current manufacturing technology.

Very well equipped facilities and skilled workers made it possible for ATB to **specialize in the manufacturing of Reactors and Heavy Wall Pressure Vessels**.

ATB has become one of the world leaders in manufacturing Cr, Mo Steel alloys including the last generation of Vanadium Modified alloys and has developed special expertise in welding stainless steel and duplex Urea grade corrosion resistant materials.



**MORE  
THAN  
2600  
EQUIPMENT  
SINCE  
1960**

**ITALIAN  
KNOW  
HOW**



Reactors and Heavy Wall Pressure Vessels delivered dimensions:

## **Max thickness**

**HCK REACTOR with thickness of 358 mm**

## **Max weight**

**MHC REACTOR with weight of 1620 tons**

## **Max length**

**HEAVY COLUMN with length of 100 m**

**AN AVERAGE  
PRODUCTION  
OF 7000 TONS  
PER YEAR**



# Equipment list

## MADE IN ITALY

- Hydroprocessing Reactors and Separators
- Ammonia Converters and Urea Reactors
- Heavy Wall Columns
- Heavy Wall Process Separators
- Large Diameter Columns & Towers
- Process Separators
- Storage Bullets
- Utility Pressure Vessels and Drums
- Process Tanks
- Launchers & Receivers
- Shell & Tube HE (Low and Medium Pressure)
- Air Coolers
- Process Skids and Packages





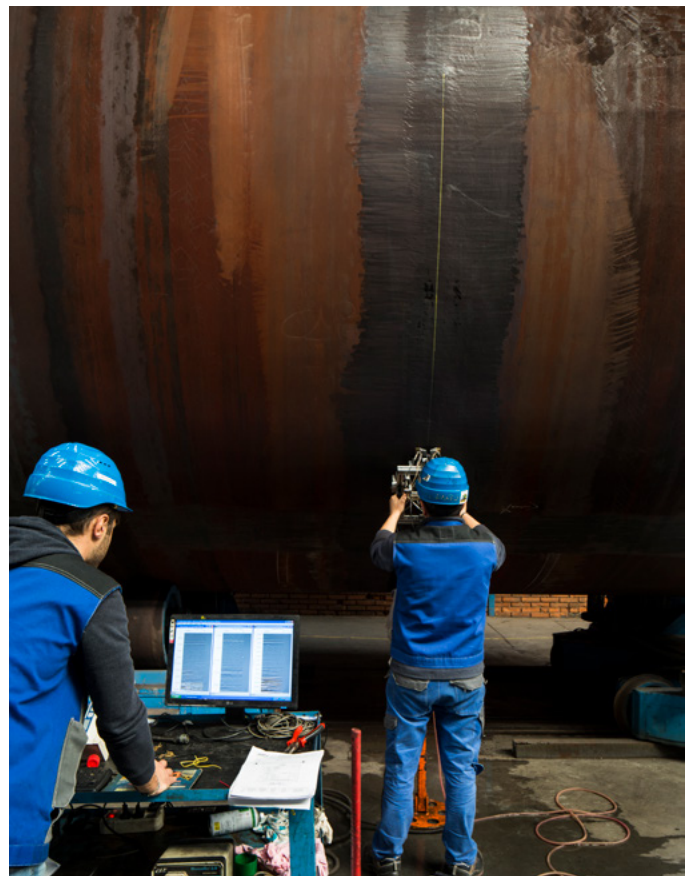
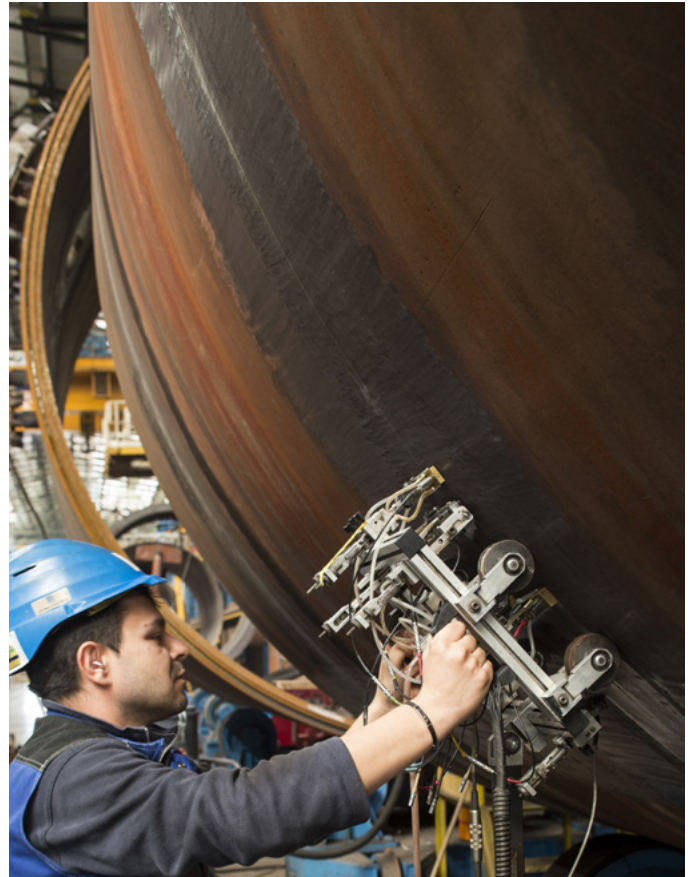
# SERVICE FOR O&M

**ATB Riva Calzoni**, with more than 50 years of worldwide experience and references in design and construction can offer to Customers also through its subsidiaries a set of services for Operation & Maintenance activities, in the following areas:

- **Inspection Activities**
- **Interventions in the field**
- **Maintenance Engineering**
- **Supply and Installation of Spare Parts**
- **Staff Training**

We can provide  
response to your  
requests within  
3 working days.

Please contact  
[service@atbrc.com](mailto:service@atbrc.com)





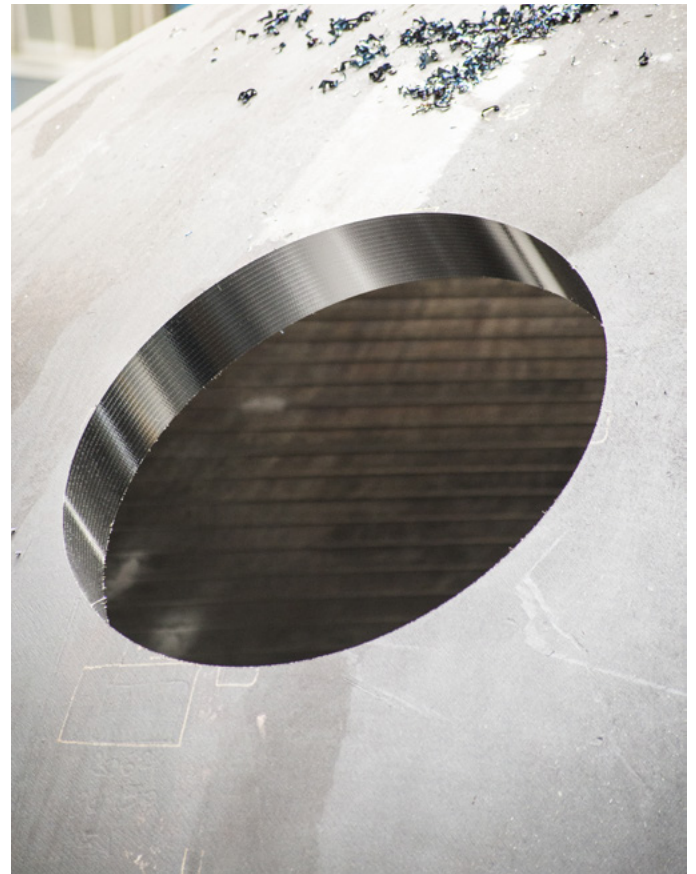
# Industrial Assets



ATB Riva Calzoni manufacturing facilities are located in the Northern part of Italy. **The main workshop location is in Roncadelle, Brescia**, with a total area of about 150.000 sqm out of which about 35.000 sqm are covered.

**The second workshop is located in the Industrial Area of Porto Marghera, Venice**, on a total space of about 24.000 sqm with direct access to seaport facilities without any weight and length transportation limits.

- Rolling up to 300 mm plate thickness
- Head Forming
- Welding (Narrow Gap)
- Cladding (ESW, GTAW, GMAW, SAW)
- Machining
- Laboratory & Test
- Direct access to seaport facilities





# ATB Group world presence



## Facilities



150'000 sqm - Roncadelle - Italy



24'000 sqm - Marghera - Italy



8'500 sqm - Artogne - Italy



9'000 sqm - Girardota - Colombia



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