



baglioni

Tailor Made for you
since 1948 ■ ■

What makes Astra unique

70 years of experience in Tailor Made Solutions

- Astra was born 1948 with the name 'Officina Oberti'. The activity concerned at first repair and manufacture of radiators
- In 2016, the Acquisition by Baglioni Group results in a great step forward, enabling astra to be a skilled player for complex and large projects

Part of a large and solid international Group

- Baglioni Groups is a worldwide leader in the manufacturing of Pressure Vessels with turnover exceeding M100€
- 10 production plants covering North America, Europe and China

Wide range of products

- Shell & Tube Heat Exchangers (including special types: Double Pipe, Hairpin and Bayonet), Air Coolers, Compressor Gas Coolers, Surface Steam Condensers, Distillation Columns, Reactors (and related Internals), and Charge Air Coolers for Industrial Engines

Skilled Team in Engineering, Quality and Manufacturing

- Certifications and Reference for a wide spectrum of MOC: Carbon Steel, Stainless Steel, Low Alloy, Duplex, Super Duplex, Incolloy, Hastelloy, Titanium, Cu Alloy, Al and other non Ferrous materials
- ISO 9001 (ISO 14001 and OHSAS 18001 in progress)
- ASME U Stamp/National Board, HPO 3834-2, CuTr (032/010/012 EAC) – SELO (in progress)

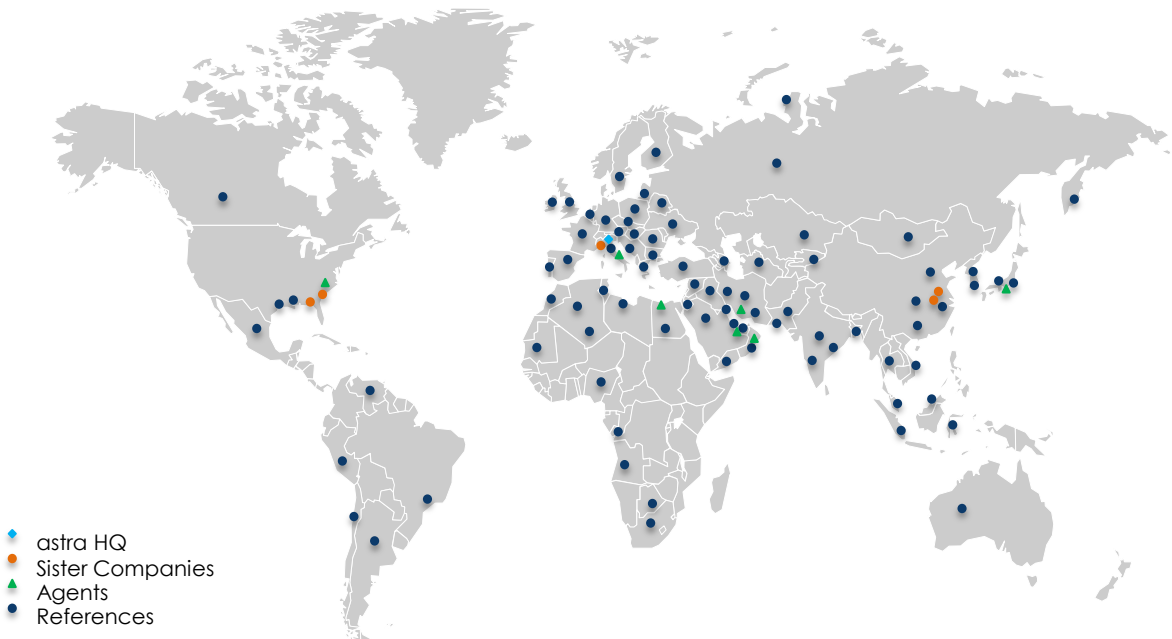
Strong focus on delivery time, with dedicated Project Management

- All Astra projects have a dedicated Project Management structure, with KOM, weekly internal meetings and direct commitment and constant feedback by the project specialists
- Engineering know-how:
 - Thermal Design (HTRI/HTFS)
 - Mechanical Design / Fatigue Stress
 - CFD Simulation / FEM Analysis
 - 3D Design models shared with our clients

Solution oriented approach

- 8'000 m2 covered area / 10'000 m2 external – up to 100 tons capacity
- Drilling (Ø 2'200mm, 150mm thk), Milling (3'500/1'250/1'000), Lathe Ø 2'700mm
- Plate Rolling (3 m X 50 mm) - Welding (TIG / SMAW / SAW / MIG / MAG / Orbital GTAW)
- Welding Overlay - Tubes Expansion - Sandblasting and Painting facilities
- Tailored Solutions for OEM Business

Worldwide installed base



Wide range of products

HEAT EXCHANGERS

Shell & Tube Heat Exchangers, TEMA Type, including Special Heat Exchanger Hairpin, Bayonet type



PRESSURE VESSELS

Pressure Vessels, Reactors (with Internals), Distillation Columns, Separators



AIR COOLERS

Air Coolers API 661 (from desert to full winterized configurations)



STEAM CONDENSERS

HEI Equipment (Steam Surface Condensers, Boiling Feed Water, Gland Condensers)



GAS COOLERS

Process Gas Coolers (Extended Surface Type – State of the Art in Gas Cooling solutions)



CHARGE AIR COOLERS



International clients

- Large EPC Contractors (Wood, Technip, Tecnimont, JGC, Jacobs, UOP, Siirtec Nigi)
- Main Oil & Gas Operators (ENI, Lukoil, Sonatrach, Saras, ADNOC, Reliance, Sabic, Saudi Aramco)
- Main Compressors, Steam and Gas Turbine firms (Baker Hughes/GE, Siemens, Ansaldo Energia, Kobelco, MAN D&T, Atlas Copco, Ingersoll Rand, Neuman & Esser, Alstom, Burckhardt)
- Large air industries firms (Air Liquide, Linde, Air Products, Praxair, SOL)
- Chemical Industries and related licensors (Uhde, M&G, Yara, Solvay, Casale, Mitsubishi, BASF)
- Steel and Copper industries (Ilva, Codelco, Sterlite, Thissenkrupp, Arcelor Mittal, Kobe Steel)
- Pneumatic Conveying sector (Coperion Weschle, Zeppelin, Govoni Sim Bianca)
- Engines Business (Guascor, Wärtsilä, Isotta Fraschini)

a.s.t.r.a. refrigeranti s.r.l.

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