

COMPANY PROFILE

3S S.r.l. was established in 1973.

Since from its origin the Company was oriented to the design and production of equipment components which are widely used in all thermal heat exchange industrial applications, through the construction and supply of heat exchangers tested in accordance with the different international standard regulations.

3S Srl has more than fifty years of experience on the market. Our experience is characterized by a continuous technical improvement in terms of design and equipment construction, supported by appropriated business decisions, that have allowed us to follow the development of the European and international markets through the use of innovative technologies for the production of all our components.

Our company has several production units for a total area of 12000 sqm where more than over 60 persons work.

The finned block heat exchangers are designed and built in Trezzano Rosa.

In this site are also located our Administrative and Executive offices including the Technical department.

Another unit is based in Cambiago where a warehouse for raw materials storage is located and where the Production Department performs the assembling and manufacturing of heat exchangers with spiral fins tubes or smooth pipes and other special constructions.



APPLICATIONS

- HVAC
- Heat pumps
- Marine-and-Offshore
- Textile-plants
- Paper industry
- Refrigeration
- Liquid coolers and Condensers
- Energy recovery system

- Heat recovery from hexhaust gases
- Gas turbine air intake coils
- Fiilter protection
- Oil cooler
- Clean room
- Industrial proceases
- Special applications







FINS BLOCK COILS (Materials)

Copper/Aluminium

Aisi316L/Aluminium

Copper/Copper

Aisi304L/Pre-painted Aluminium

Copper/Pre-painted Aluminium

Aisi304L/Copper

Copper/Al-Mg2,5

Aisi316L/Aisi316L

Cupronickel/Copper

Aisi316L/Aluminium

Tinned Copper / Tinned Copper

Aisi316L/Pre-painted Aluminium

Copper/ Tinned Copper

Aisi316L/Copper

Aisi304L/Aisi304L

Titanium/Copper

Aisi304L/Aluminium

Titanium/Aisi316L

Aisi304L/Pre-painted Aluminium
Fe/Al

Aisi304L/Copper

Fe/Fe

Aisi316L/Aisi316L



SPIRAL FINS COILS (Materials)

- Copper/Aluminium
- Copper/Copper
- Cupronickel/Copper
- Copper/ Copper Sn
- Aisi304L/Aisi304L
- Aisi304L/Aluminium
- Aisi304L/Copper
- Aisi316L/Aisi316L
- Aisi316L/Aluminium
- Aisi316L/Copper

- Aisi316 Ti
- Saf
- Sanicro
- Titanium/Copper
- Titanium/Aisi316L
- Fe/Al
- Fe/Fe
- Pre-galvanized Fe
- Fe/Fe hot dip galvanized

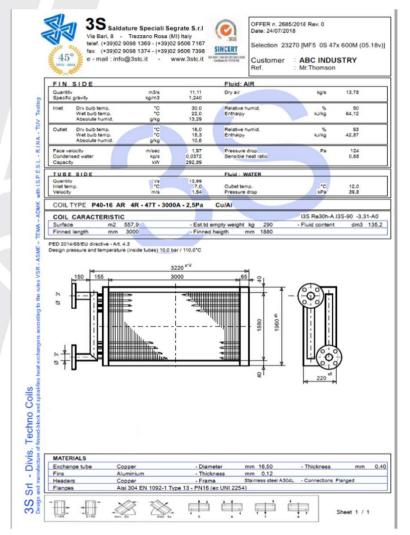


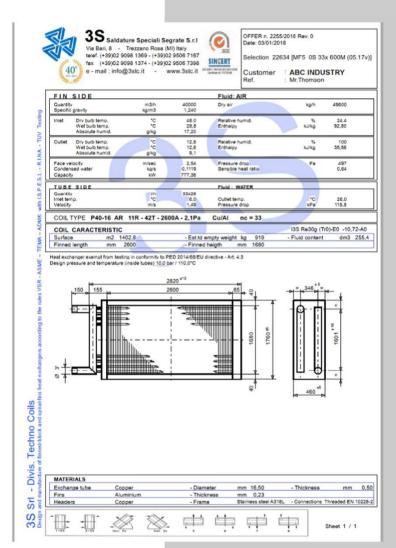
BARE TUBE COILS (Materials)

- Copper
- Cupronickel
- Stainless Steel 304L
- Stainless Steel 316L
- Titanium
- Carbon Steel
- Carbon Steel hot dip galvanized



COILS SELECTION SOFTWARE

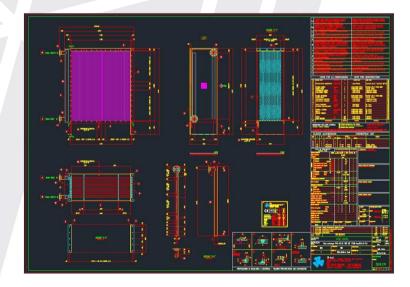




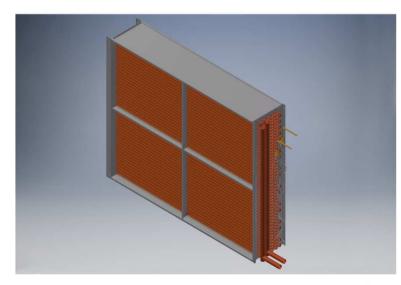
PROJECT AND CONSTRUCTION

Our Technical Department work with modern drawing technology systems CAD 2D and 3D Modeling.

These systems permit to us to obtain all the necessary information to program our CNC equipment: Finnpress, Tube bender and Headers drilling machine.







MANUFACTURING CONTROL

Using the **ERP software**, we are be able to check just in time our productive process, including the workload and possible critical situations. This allows us to avoid any delays, so resulting in our customers' satisfaction.

We are also able to offer precise and prompt information about manufacturing progress and delivery status.

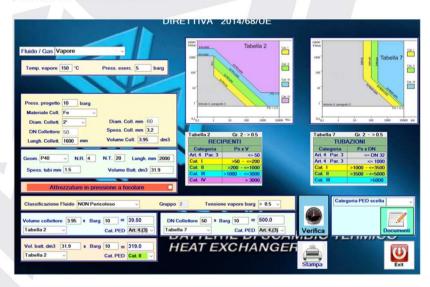


www.3stc.it

TECHNICAL CERTIFICATION

PED 2014/68/UE

We can design and build CE marked pressure vessels and piping in every Class (from I to IV) and Module (A, A1, B+F, G). Our brazing processes are qualified according to the EN 13134 normative. Our operators are qualified according to the EN13133 normative. Our welding processes for iron, copper nickel and stainless steel are qualified according to the EN 288, EN 15614-6, EN 15613 normative or according to the ASME Code Section IX. Our welders are qualified according to the EN 287-1, EN 9606-3, and EN 287-1 normative or according to e ASME Code Section IX.

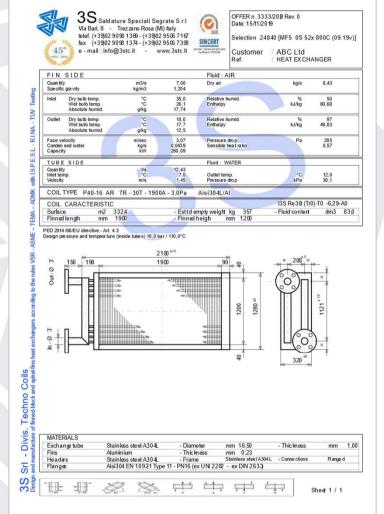


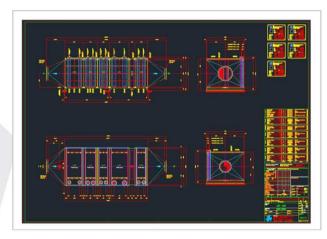
QUALITY SYSTEMCERTIFICATION

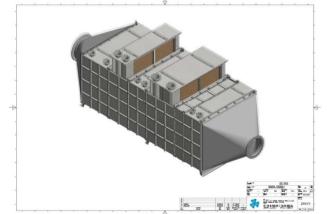
3S S.r.l. has obtained several years ago the ISO 9001/2000 certification in compliance with all quality standards and operative guidelines required by the international regulations.



MANUFACTURING PROCESS











PRODUCT EXAMPLE FIN BLOCK COILS







PRODUCT EXAMPLE FIN BLOCK COILS

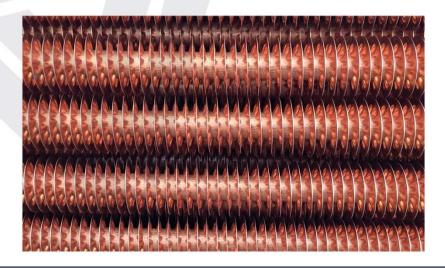






PRODUCT EXAMPLE SPIRALS FIN COILS







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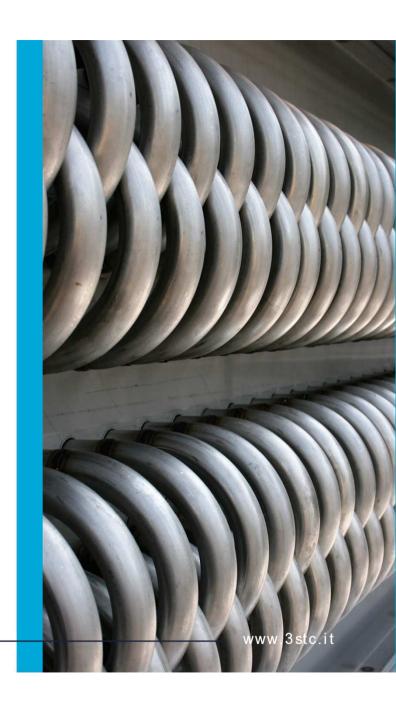




PRODUCT EXAMPLE BARE TUBE COILS







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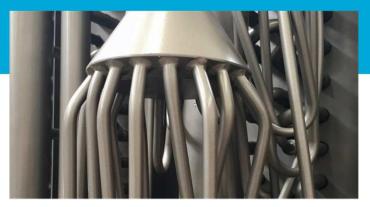




SPECIAL CONSTRUCTION











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