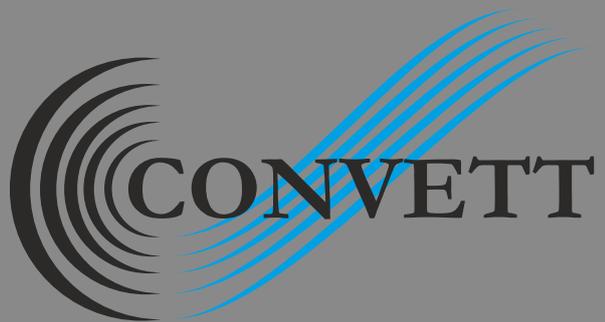




TANK



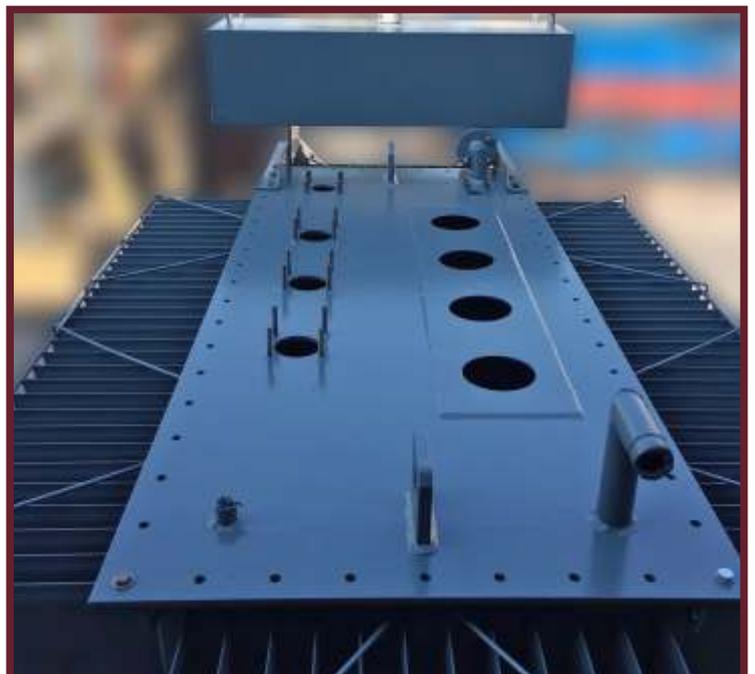
TANKS

Convett's corrugated wall tanks are manufactured in accordance to customer drawings, and are produced not only as individual tanks but also in serial production. The range manufacture is from 50KVA to 12MVA. We can provide **hermetically sealed tanks or expansion tanks**, and our corrugated walls design will change in accordance to the type of transformer.



Hermetic tanks in fact need elastic corrugated wall design, while expansion tanks require more rigid design with spot-welded corrugated walls and a conservator mounted on the top.

Conservators, cable boxes, covers, accessories and reinforcements can be manufactured with the tanks following customer design.



Surface Treatment and Corrosion protection

Convett tanks painting process is in accordance to ISO 12944: C3,C4,C5-I, C5-M. We sand-blast 100% of tanks and components in our blasting machine to obtain a perfect surface cleanliness and preparation. This assure an excellent paint adhesion.

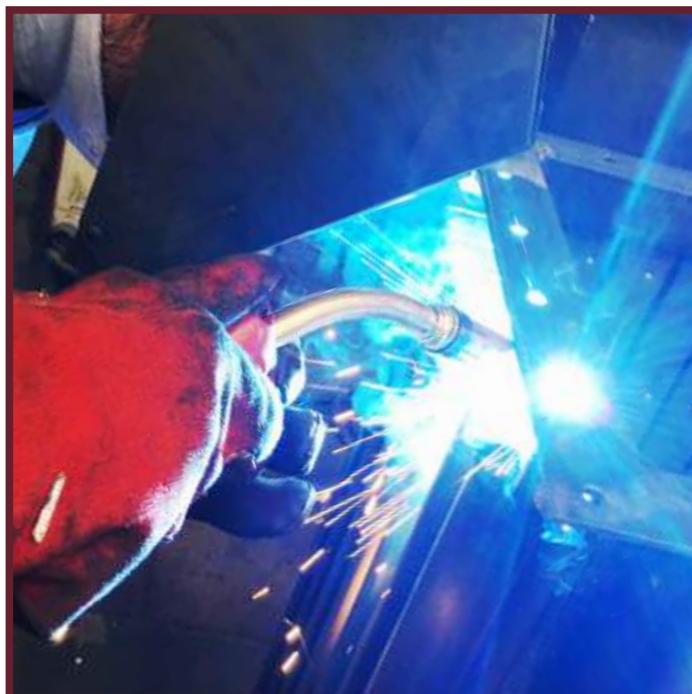
A robust painting cycle based on a two-component high content epoxy primer then guarantee an excellent salt spray resistance in accordance to the ISO 12944.

We use flow-coating and spray coating painting method but the tanks may also be supplied with Hot Dip Galvanized finish.



Convett Tanks Quality is guarantee by:

- High quality certified raw material of the corrugated walls, which assures the mechanical resistance during transportation and operations and the elasticity of the thin walls during the heating and cooling process of the transformer
- Outstanding automatic welding process of corrugated walls, manufactured by the best in class technology (CMT Fronius, LAE Equipment)
- Strict Welding Procedure Qualification Records (WPQR) and highly experienced welders certified by Accredia Qualification Test Certificates
- Double leakage control test of the welded tank before and after the automatic shotblasting
- 100% control of the entire welding, testing and painting process by our quality inspectors.



Measures, parameters and design, are for reference only and those have to be always verified with our technical office. CONVETT srl might change some of them without notice.

Cooling the way



CONVETT srl is a worldwide-recognized manufacturing company of cooling systems for power and distribution transformers. Our mission is the continuous improvement of our business, innovating our products with a particular focus on quality, service and competitiveness.

A short description of our milestones shows how we follow the mission since the beginning:

- 1981 - the company was founded and radiator business was started up
- 1985 - first radiator automatic line
- 1990 - second radiator automatic line
- 1991 - start up of corrugated wall business with the 2nd worldwide LAE complete machine
- 1995 - certified ISO 9000
- 2000 - built a brand new plant of 3500 m2 with 400 m2 of offices
- 2000 - second corrugated walls automatic lines
- 2001 - technology change from solvent base to water based painting process
- 2005 - start up of production of Oil Forced Air Forced systems
- 2006 - new painting dipping automatic equipment with a water base technology
- 2008 - new LAE corrugated walls press and seam welder MACPO1600
- 2009 - third radiators automatic line with Kuka Robot technology
- 2009 - new LAE spot welding and strip welding machine
- 2010 - new robotic welding line for radiators
- 2011 - new equipment for finned tubes and building expansion for OFAF systems
- 2012 - new 4 steps pre-treatment tunnel for painting line
- 2013 - start up of tank assembly business and new strip welding machine
- 2014 - Certified OSHAS 18000
- 2015 - start up of expandable radiators business
- 2015 - new LAE corrugated walls press and seam welding unit MACPO1000
- 2016 - new OMSG Sand blasting machine and new painting line with flow coating unit
- 2017 - Certified ISO 14001



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CONVETT srl has increased the business in a major way, and has invested in new automatic assembly lines, human resources (recruiting and training), safety and quality.

We now offer the entire range of cooling systems from the corrugated walls, the corrugated tanks, the radiators, the expandable radiators, and the oil forced-air forced heat exchangers.

These products are successfully exported worldwide.

CONVETT R&D is also developing an Aluminum radiator.

