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4 - 8 April 2016
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TECALCO

TECHNOLOGY ALUMINIUM CONDUCTOR



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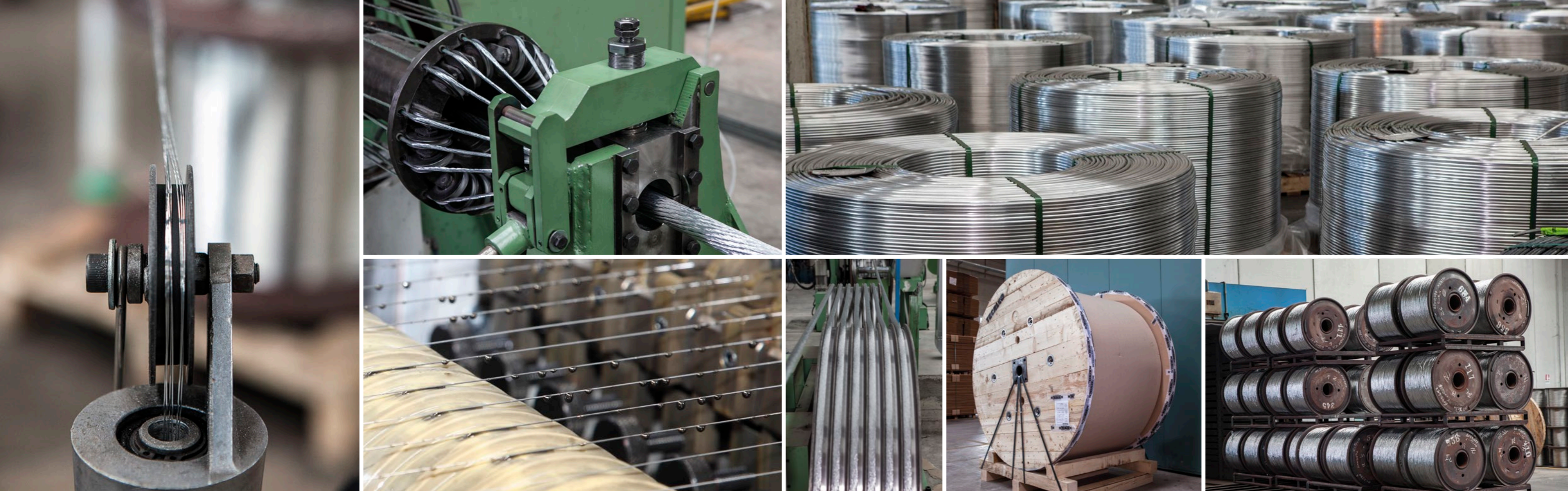

 MADE IN ITALY

Aluminium in electrical conduction

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TECALCO

Our vision

“A future which uses sustainable, lighter and economic materials for distribution of electrical energy”

Tecalco is a very innovative project inside aluminium technology. An high technology content industrial company, specialized into production of wires, multiwires, strands, flexible and rigid ropes intended to electrical conduction in both energy and automotive fields.

It has realized first plant in whole Europe completely dedicated to aluminium flexible conductors production thanks to matured experience of founding members since 1979 into wires and multiwires drawing process.

Plant (10MT/ years capability) is situated inside port area in Gioia Tauro and it is extended over 36000 mq. More then production machineries there is an internal laboratory, offices, huge stocking areas, a research and development pole.

Competitiveness of Tecalco drift mainly by innovative and sophisticated technology of drawing which allow simultaneous production of multiwire (Multiwire Drawing Technology) in formation up to 16 wires.

Conformity of products to achieved standards (CEI, UNI, ASTM, BS, NF, DIN) or technical specifications defined by customers is guaranteed by quality procedures and validations made by internal laboratory.

Certifications ISO 9001 – ISO 14000 - OHSAS 18001 guarantee process quality standards respecting environment and safety of working places. Compliance program 231/2001 is warranty of transparency and legality over management of contracts.

Automotive

Aluminium builds a better vehicle. Used in cars and commercial vehicles is accelerating because it offers the fastest, safest, most environmentally friendly and cost-effective way to increase performance, boost fuel economy and reduce emissions while maintaining or improving safety and durability. In light of time - to - market issues in the automotive industry, aluminium is the best option for reducing the weight of the electrical distribution system. Aluminium wire is an excellent choice for automotive applications in terms of time to market and cost benefits. A range of aluminium cable sizes are available, depending on the intended application:

- Primary cable - 0,5 to 2,5 mm²
- Power/battery cable - 3,0 to 160 mm²

Products

Starting from aluminium coils and alloy aluminium coils Tecalco realizes flexible ropes up to bigger nominal sections requested on the market, made by minimum outside diameter wire of 0,16 mm. Rope construction follows different geometrical structure such as “bunch strand” , “prestrand” , “unilay” , “composed” .

Tecalco realizes even class 2 rope for energy market such as AAC, AAAC, ACSR, made by circular or trapezoidal wire section and also compacted.

Tecalco is able to supply half-processed product such as wires or multiwires, according with any kind of specifications requested by the customer.