

PRESS RELEASE

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Tenova wins another order in Aluminum Strip Processing Line by Henan Tongren

Castellanza, April 16, 2019 – Henan Tongren Aluminium Co. Ltd – Chinese manufacturer specialized in the production of aluminum products – awarded Tenova – a company of the Techint Group specialized in innovative solutions for the metals and mining industries – with a new contract for a Continuous Annealing and Chemical Pretreatment line for processing strip coils for aluminum market, to be realized in Sanmenxia, Henan Province (China). This adds up to over fifteen references in China, North America and Europe.

The new line will process automotive and aircraft aluminum alloys, family series 2XXX, 5XXX, 6XXX and 7XXX, with a strip width range from 1.000 mm up to 2.650 and thickness range from 0,3 up to 4,5 mm. The envisaged total production for the line is about 100.000 tons/year with a process speed of 60 m/min.

The line is equipped with a double unwinding pay off reels and with a tailor-made stitcher with automatic spray lubrication system. The entry side trimmer is equipped with integrated scrap chopper. The alkali degreasing section is made by a spray tunnel with multistage cascade rinsing section. Entry and exit loopers are horizontal type with double winch motorization.

Chemical process starts with an acid tunnel etching section, followed by a no-rinse spray titanium zirconium passivation and a squeegee roll coater for oxylane product for automotive adhesive bonding application.

The exit side includes a tension leveler, a pre-aging furnace, an automatic surface inspection system, a dry lube smelter and a rotary shear. The thermal portion is supplied by EBNER Industrieofenbau GmbH, one of the leading suppliers in floating furnaces for aluminium heat treatment processing line plant, consolidating the partnership between the two companies in aluminum lines and increasing their top record reference list worldwide.

The line is expected to start its production at the beginning of 2021.

*“This new order confirms Tenova as a reliable partner in processing lines for aluminum thanks to our continuous effort to improve the design and the manufacture of its supply to maximize line availability”, said **Nicola Caverio**, Tenova Senior Vice President Italimpianti & Strip Processing, “We were chosen among several companies and are very proud of this new contract that consolidates our leadership in this field.”*

About Tenova

Tenova, a Techint Group company, is a worldwide partner for innovative, reliable and sustainable solutions in metals and mining. Leveraging a workforce of over three thousand forward-thinking professionals located in 21 countries across 5 continents, Tenova designs technologies and develops services that help companies reduce costs, save energy, limit environmental impact and improve working conditions.

For more information, visit www.tenova.com