

OTTO JUNKER GMBH receives an order from HENAN TONGREN Aluminium Industrial Co., Ltd.

The Chinese company **Henan Tongren** has placed an order with Otto Junker GmbH, Lammersdorf, jointly with its subsidiary, Otto Junker Metallurgical Equipment, Shanghai, for the supply of a horizontal solution heat treatment (HHT) line with water quench for aluminium plates for the aircraft industry.

Measuring approx. 150 m in overall length, the line will be able to handle plates up to 38 m long and up to 4.4 m wide. The minimum plate thickness to be annealed is 4.5 mm.

The 14-zone furnace has a special airflow system ensuring uniform plate heating. The process includes the application of hot air to the top and underside of the plates.

The main quench is a special two-in-one system, i.e., a hard quench and soft quench are integrated with each other so as to provide a different cooling process (in terms of heat transfer, cooling gradient, etc.) according to demand. While the furnace heats the product in batches, quenching is performed as a continuous process.

Start of production for the new line is scheduled for the first quarter of 2020.

OTTO JUNKER GMBH
Jaegerhausstrasse 22
52152 Simmerath
GERMANY

Tel.: +49 2473 601 0
Fax: +49 2473 601 600
E-Mail: info@otto-junker.com