

## **OTTO JUNKER augments the performance of a strip flotation furnace in an existing degreasing, annealing and pickling line**

In March 2018, Otto Junker GmbH completed a modernization project on an existing strip treatment line including a strip flotation furnace at **MKM Mansfelder Kupfer und Messing GmbH**.

A leading manufacturer of copper and copper alloy primary and semifinished products, the customer thus invested in an upgrade that raises the output of a proven installation as part of a production expansion scheme.

The degreasing, annealing and pickling line can handle strips in the 0.075 to 1.5 mm gauge and 300 to 850 mm width range and delivers a maximum furnace temperature of 850 °C.

The conversion and upgrade steps performed by Otto Junker GmbH included optimizing the strip tension in the annealing process with replacement of the dancer roll, and improving the heat transfer by enhancing flow conditions in the existing interior furnace casing which has been in service for around 10 years. Moreover, the furnace's heating capacity was increased and the burner control system was modernized.

In addition, the existing strip stitcher was serviced as part of the project.

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