OTTO JUNKER technology ensures high throughput and efficiency when tin-coating copper strip

Sofia Med SA, based in Sofia / Bulgaria, now also produces tin-coated copper strip for the connector market using proven OTTO JUNKER technology.

The company operates a foundry, a rolling mill and an extrusion plant on a floor space of 250,000 m² and supplies a wide range of products made from rolled and extruded copper and copper alloys. Sofia Med is a subsidiary of the Greek company ElvalHalcor, which in turn belongs to the holding company Viohalco.

Sofia Med SA has been operating an OTTO JUNKER degreasing, annealing and pickling line with horizontal strip flotation furnace for copper strip since 2008. The company has now added an OTTO JUNKER line for tin-coating strip based on the hot-dip tinning principle that went into production in 2019.

The line, which is capable of an annual throughput of up to 15,000 t, is designed for copper and copper alloy strip between 200 and 400 mm wide and 0.1 and 1.2 mm thick. Belt speeds up to 100 m/min are achievable.