

PRESS RELEASE

Düsseldorf, November 08, 2017

Jiandong Alloy orders most productive CONTIROD^{®*} copper wire rod plant for Chinese market from SMS group

High energy efficiency and high product quality



View from the CONTIROD^{®*} line to the shaft furnace.

Jiandong Alloy Technology Co. Ltd. based in Nantong City, in the Chinese province of Jiangsu, has placed an order with SMS group to supply a CONTIROD[®]

*plant of type CR 3500.

The CONTIROD[®]* line, designed for casting and rolling wire rod in one continuous process, will have a production capacity of 35 tons of copper wire rod per hour. The CONTIROD[®]* CR 3500 will mainly be used to produce ETP (Electrolytic Tough Pitch) copper wire, a semi-finished product for the manufacturing of electrical conductors.

The scope of supply will include a shaft melting furnace, a twin-belt casting machine with a large cross-sectional area of 6,510 square millimeters, a rolling mill with separate individual drives for all twelve stands, a deoxidation and cooling line as well as a wire coiling station, an automatic strapping unit and a foil packaging plant for the produced copper wire rod coils.

The applied casting and rolling technique provides very good prerequisites for the downline drawing process – especially for the production of enameled wire and fine wires in an environment of continuously growing demands on drawing speed and technological features.

With its new, energy-efficient technologies (lambda control on the shaft furnace, AC motors, deoxidation and cooling lines with separate media circuits) and high performance capability, the CONTIROD[®]* CR 3500 sets a new standard, qualifying for the SMS group Ecoplants label for environmentally friendly technologies.

Commissioning is scheduled for the first quarter of 2019.

*CONTIROD[®] is a registered trademark of Aurubis Belgium.

SMS group is a group of companies internationally active in plant construction and mechanical engineering for the steel and nonferrous metals industry. It has some 13,500 employees who generate worldwide sales of more than EUR 3 billion. The sole owner of the holding company SMS GmbH is the Familie Weiss Foundation.