
RDG 360

CONTINUOUS CASTING TECHNOLOGY FOR CuOF COPPER WIRE ROD



25,000 - 30,000 tonnes per year; 24 - 32 strands

8.0 - 30mm diameter

CuOF (oxygen-free high conductivity copper)

Induga GmbH melting technology

Drum-type cathode melting furnace; induction heating holding furnace with graphite components; enclosed metal transfer

Automatic cathode feed

Rautomead casting technology; including withdrawal & tooling

PLC controlled coil formation

Coil weight 4,000 kgs

Space required : 20m x 50m

The RDG 360 continuous casting line features Rautomead casting, cooling, withdrawal, controls and coiling technology combined with drum type induction heated cathode melting furnace, with enclosed liquid metal transfer to a holding & casting furnace. Melting technology provided by Induga GmbH of Germany.

Melting furnace :

- holding capacity 32 tonnes; tapping weight 14 tonnes
- connected load 1450 kVA; nominal load 1200 kW
- no. of inductors : 2

Holding furnace :

- holding capacity 14 tonnes; tapping weight 4 tonnes
- connected load 300 kVA; nominal load 250 kW

Rautomead scope of supply normally includes the complete plant:

Automatic cathode feed, furnace, withdrawal, platform, controls, coilers, primary water circuit and all interconnecting wiring & plumbing.

After delivery, assembly, installation, start up & commissioning are supervised by Rautomead engineers. Comprehensive training in the operation and maintenance of the casting equipment is provided during commissioning.

DETAILED QUOTATIONS AVAILABLE ON REQUEST: sales@rautomead.com

Including: technical specification, layout drawing, services required and operating cost per tonne.

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