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# RDG 240

CONTINUOUS CASTING TECHNOLOGY FOR CuOF COPPER WIRE ROD

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15,000 - 20,000 tonnes per year; 16 - 20 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 kg

Space required : 20m x 40m

The RDG 240 continuous casting line features Rautomead casting, cooling, withdrawal, controls & 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 24 tonnes; tapping weight 8 tonnes
- connected to load 850 kVA; nominal load 700 kW
- no. of inductors : 2

## **Holding furnace :**

- holding capacity 13 tonnes; tapping weight 4 tonnes
- connected load 250 kVA; nominal load 200 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](mailto:sales@rautomead.com)

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

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