
RS 3000

CONTINUOUS CASTING TECHNOLOGY FOR COPPER & CONDUCTIVITY COPPER WIRE ROD



5,000 - 6,000 tonnes per year
8.0mm - 30mm diameter
CuOF (oxygen-free high conductivity)
CuAg, CuSn, CuCd, CuMg
Graphite Crucible Technology
Electric Resistance Heating
Single Furnace, Integrated Melting & Casting
Automated Cathode Feed
Touchscreen Controls
Comprehensive Alarm System
PLC Controlled Coil Formation
Coil weight up to 4,000 Kg
Coiler model 0800 : max. 12.7mm diameter
Coiler model 0832 : max. 30mm diameter
Options :
- remote plant monitoring; automatic alloy dosing/grain feeding

End Use Applications include:

- Enamelled Wire
- Superfine Wire < 0.05mm
- Data Communication Wires, Telephone Wires
- Transformer & Commutator Sections
- Feedstock for Continuous Extrusion
- Trolley wire

Services Required:

- 360 KVA mains power
- Diesel Generator & UPS
- Secondary Water Cooling
- Emergency Water Supply
- Nitrogen Gas (5ppm O2)
- Dust extraction

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. The equipment is assembled, installed, inspected and tested before being dismantled and packed for export.

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.

version 3