
RFS-2200

CONTINUOUS CASTING TECHNOLOGY FOR COPPER WIRE ROD OR STRIP



3,000 tonnes per year
8.00mm - 30mm diameter
CuOF (oxygen-free high conductivity)
Graphite Crucible Technology
Electric Resistance Heating
Single Furnace
Integrated Melting & Casting
Manually operated feed
Feedstock : mixture of pre-cut cathode & clean dry bare wire "scraps", baled & compressed, free from inclusions & impurities
Touchscreen Controls
PLC Controlled Coil Formation
Coil Weight up to 4,000 kg

End Use Applications Include:

- Communication Wire
- Transformer & Commutator Sections
- Feedstock for Continuous Extrusion

Services Required:

- 300 kVA Mains Power
- Diesel Generator & UPS Data
- Secondary Water Cooling
- Emergency Water Supply
- Nitrogen Gas (5 ppm O₂)

Rautomead scope of supply normally includes the complete plant :

Manually operated 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 and 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 1