Technology for Copper Strip Production

1. Continuous Casting: cathode to round rod
2. Continuous Rotary Extrusion: round rod to strip or shaped wire
3. Roll/Draw straighten & cut to length: hard and half hard lengths of strip

Applications include

- Busbar Strip
- Transformer Strip
- Commutator Sections
- Shaped Wires
- Lightening Conductors
- Copper Profiles

Continuous casting

- Cathode to round rod: 12.5mm, 16mm & 25mm diameter
- CuOF & CuAg
- Clean, bright rod surface without wax or protective coating
- Up to 5,000 kg coil weight
- Recycling “extrusion process flash”
Continuous Rotary Extrusion

- Round rod to shaped section
- Machine model extrusion wheel diameter determined by product dimensions
- Production: 500 – 3,000 kg/hr depending on model and product dimensions
- Recommended feedstock: oxygen free copper rod
- Continuous production of strip section shape up to 5,000 kg

Draw/Roll straighten and cut to length

- For Busbar manufacture
- Automated production. Equipment specification influenced by the level of desired automation
- Strip lengths up to 6.0m long

Turnkey Project Management

Available on request from Rautomead

- Project definition consultancy
- Specification of equipment & scope of supply
- Coordination of equipment purchase, delivery, installation, start up and commissioning
- Coordination of Technical service support

Project Finance

Financing of Turnkey Project investment over 3 – 5 years is available (conditions apply)

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