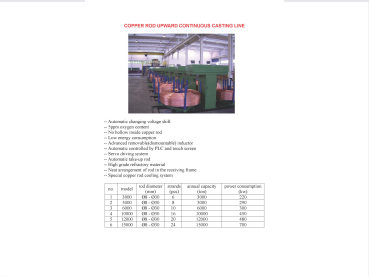
Copper Rod Continuous Casting Line

This copper rod upward continuous casting line is designed for the continuous production of high-quality copper rods. It maintains a low 5ppm oxygen content and ensures rods are free from internal hollows.



COPPER ROD UPWARD CONTINUOUS CASTING LINE

– Automatic changing voltage shift
– 5ppm oxygen content
– Low-cost graphite mould tool
– Low energy consumption
– Advanced removable(horizontable) inductor
– Automatic controlled by PLC and touch screen
– Servo driving system
– Special cooling system
– High grade refractory material
– Neat arrangement of rod in the receiving frame
– Special copper rod casting system

no.	model	rod diameter (mm)	strands (pcs)	annual capacity (ton)	power consumption (kwt)
1	3000	DB - 6500	6	3000	220
2	5000	DB - 6500	8	5000	290
3	6000	DB - 6500	10	6000	300
4	10000	DB - 6500	16	10000	450
5	12000	DB - 6500	20	12000	480
6	15000	DB - 6500	24	15000	700

Overview

High-Efficiency Upward Continuous Casting

The Copper Rod Upward Continuous Casting Line is engineered for the high-quality, continuous production of copper rods. This advanced system utilizes a servo driving mechanism and PLC-based touch screen control to ensure precision, while maintaining low oxygen content (5ppm) and preventing internal hollows. Designed for efficiency, the line features a removable inductor, specialized cooling systems, and an automatic take-up mechanism for neat rod arrangement.

Technical Features

Key Performance Metrics

5 ppm
Oxygen Content

8 mm
Min Rod Diameter

30 mm
Max Rod Diameter

System Capabilities	Automatic Voltage Shifting, Servo Driving System, PLC Control, Touch Screen Interface, Automatic Take-up, Removable Inductor

Model Specifications

Model Comparison

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3000	6	3000	220
5000	8	5000	290
6000	10	6000	300
10000	16	10000	450
12000	20	12000	480
15000	24	15000	700