



Electrolytic Tin-plating lines

Electrolytic Tin-plating Machine

Usage

The lines are capable of producing round Tin-plating copper wires through electrolytic process. The Tin-plating copper wires can be used for conductor of cables, or producing super fine wires through drawing machines.

Main feature

1. Two models of machines can be available at your random according to the type of take-up unit, which are coiler take-up and spooler take-up.
2. Production capacity: When plating Tin of $5\ \mu\text{m}$ thickness on copper wires of 2mm diameter, the capacity can achieve 1 ton/8h for a working team.

TECHNICAL SPECIFICATION

Diameter of wire	2.8~0.6mm (anneal), 2.0~0.6mm (hard)
Max. thickness of plating Tin	15 μm
Max. density of Tin plating	50A/dm ² , 40A/dm ² (typical)
Max. line speed	180m/min
Water consumption	6L/min
Gas consumption	450L/min (6bar)
Max. plating current	1,200A
Max. plating voltage	9V
Total capacity	30kVA
Specification of pay off unit and take-up unit	PDN400/630 mm
Max. load for take-up unit	500 kg
Dimensions of the lines	15.3(L) \times 4.2(W) \times 2.6(H) m
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