

Enamelling Machine

Enamelling machines are the latest machine for various kinds of enamelling copper wire with superior technology. And enamelling machines are with top quality and mature technology which are widely used in many cable factories. Stability of enamelling machines satisfy people for making high quality wires.

Enamelling machines have compact design and simple operation and easy to install in the plant. The machine can stability produce high quality of magnet enamelling wire.

Enamelling machines generally consist of Pay-off, Inline drawing machine, Annealing system, Enamel supply and application, Baking system, Cooling system, Coating system for lubricant of finished products, Steam generator, Take-up and traversing system, Electric control.

Enamelling machines can be utilized in-line drawing machine and spark tester as normal equipment. They also can be utilized horizontal automatic wind-up machine for 25kg or 90kg spooling depending on need.

Fine wire enamelling machines are designed for all conventional enamels, enamelling the wire in a horizontal oven tube. The compact clear modular design of the machine, with constant curing conditions, allows the economic production of high quality enamelled wires. Due to the modular design the machine can be adapted to all production requirements.

Enamelling machines have some features as below

- Optimized circulating air system with radiant heating and enamel drying zone
- Compliance with regulations on emissions by means of a catalytic combustion unit
- Minimal energy requirement
- Simple operation where all machine parameters can be adjusted individually
- In-line drawing unit for optimal copper wire structure and economic wire stock control
- Smooth running wires
- Quality control by process monitoring and adjustment

Enamelling machines have horizontal and vertical type. Horizontal machines deliver the best performance: from ultra fine wire for microelectronics to medium wire for motors or compressors. Vertical machines are the first choice for the production of everything ranging from heavy sizes for chokes to big rectangular wires for transformers.

Horizontal type:



Vertical type

