



Suzhou Newlead Augmented Intelligence Equipment Co.Ltd
NEWLEAD TRADE SUZHOU CO.,LTD

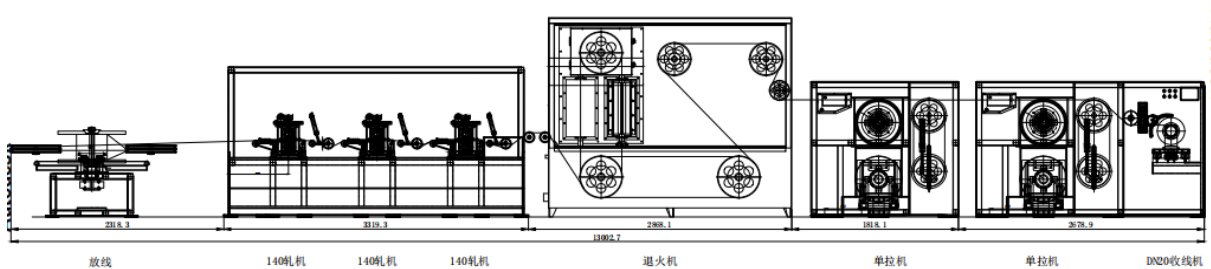
Brass Flat Wire Rolling mills with drawing machine



Procution range:

1. Finished products: Width 2-5M, thickness 0.45-4.0 MM , Tolerance W/T : (+0.00 & -0.02mm)
- 2.Finished products: Width 0.6-2M, thickness 0.45-1.0 MM , Tolerance W/T : ((+0.00 & -0.01mm)
- 3.Finished products: Width 0.3-1M, thickness 0.035-0.25 MM, Tolerance Width : (+0.0100 & -0.0100mm, Tolerance Thickness+0.0025 & -0.0025mm

Layout



I.Machine composition:

- (1) Wire active payoff: 1 unit
- (2) 140 rolling mill: 3 units (including 3 sets of tensioners)
- (3) 75KVA induction annealing machine: 1 unit option
- (4) 500 single wire drawing machine: 2 units

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- (5) Wire winding machine: 1 set
- (6) Water tank system: 1 set
- (7) Electrical control system: 1 set

II. Structural Features

(1) Power Control: The main motor is controlled by a frequency converter for stepless speed regulation, allowing for arbitrary adjustment within the range of 50 to 150 meters per minute. The touch screen displays the current main motor speed. The motors for wire feeding, rolling, flat wire drawing, and wire winding are individually equipped with frequency converters. Through a pneumatic tension rod, the signal of resistance value change is automatically calculated under the control of PLC, instructing the frequency converter to immediately adjust the motor speed, ensuring the tension rod remains stable and adjusting to the optimal tension, maintaining uniform thickness of the outgoing wire diameter.

- (2) Payoff: Vertical type, active motor drive
- (3) Rolling mills: Precision rollers synchronously press together.
- (4) Wire drawing method: vertical Drum, Spray type.
- (5) Wire take-up method: Axial precision wire take-up
- (6) Use of special high-quality products:

A reduction gearbox sourced from Shanghai Teni.

All B bearings (NSK) are either imported or sourced from national first-tier brands (Harbin Bearing Group).