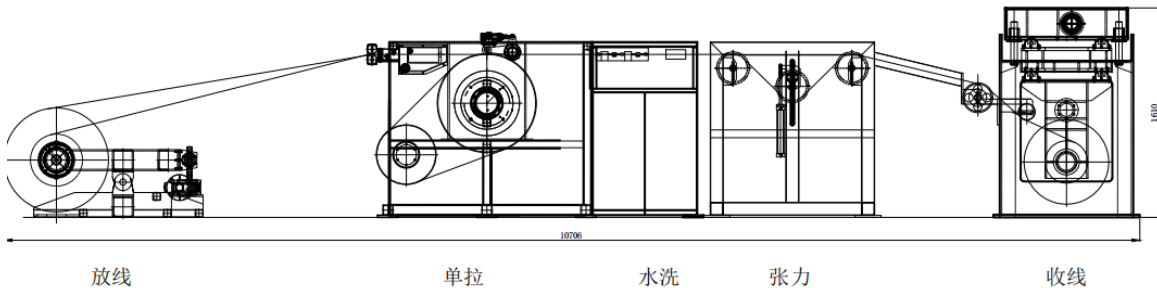




Suzhou Newlead Augmented Intelligence Equipment Co.Ltd

D750 Flat Wire Drawing machine

(Specially designed drawing machines for producing precise sized flat wires)



1、 Construction characteristics

(1) Power control: The motor is controlled by a variable frequency drive with continuous speed regulation, which can be adjusted freely within 75-180 meters per minute. The touch screen displays the current speed of the host. The motor is equipped with a separate frequency converter, and the signal of the change in resistance value is automatically calculated under the control of the PLC through a pneumatic rod ruler. The frequency converter is commanded to immediately adjust the motor speed, keep the tension rod stable, and adjust the optimal tension.

(2) Wire laying method: 800 shaftless rotary arm wire laying.

(3) Drawing method: spray+immersion mode.

(4) Wire tension triangle pneumatic tension.

(5) Wire collection method: 800 axis dynamic gantry precision sorting.

(6) Transmission method: The entire machine is driven by couplings and high tension belts.



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(7) Using special high-quality products:

The A reducer adopts a square box hard tooth surface reducer.

B bearings are all imported or national first-class brand bearings.

(8) Inching device: Place a foot switch, and when threading, the operator can easily move the foot switch to make the machine run at low speed (about 10m/min). When abnormal situations such as disorderly wiring occur during production operation, this switch can be pressed to emergency stop the machine.

2、 Performance parameters:

(1) Entry range: 3-12.5mm wide, 1.0-3.8mm thick flat wire

(2) Mechanical speed: 180 meters/minute/Max. (production speed is determined according to different specifications).

(3) Drawing range: less than 25% reduction in surface area

(4) Flat drawing dies: 1

(5) Flat Puller Outer Diameter: 750mm, Drawing Oil Concentration 15%, PH 8.0-9.5, Conductivity 2000 (6) Mold outer diameter: Flat wire 50MM (25-40 wide).

(7) Flat wire drawing motor: 15HP reducer AC motor and 15HP tension type frequency converter

(8) Wire collection motor: 10HP reducer AC motor and 10HP tension type frequency converter

(9) Cable laying servo motor A: 3KW+PLC

(10) Roll up capacity: 1000 KG/MAX, (spool 800 * 400 * 450 or as specified by the customer)

(11) Brake: Pneumatic disc brake

3、 Composition of the machine:

(1) Magnetic powder tension shaftless arm type pay off machine: 1 unit

(2) 750 drawing machine: 1 set



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- (3) Washing machine: 1 set
- (4) Triangle tension frame: 1 set
- (5) 1000KG axial winding machine: 1 set
- (6) Single pull machine water tank: 1 set
- (7) Washing machine water tank: 1 set
- (8) Electric control system: 1 set