



Suzhou Newlead Augmented Intelligence Equipment Co.Ltd

MODLE	NAME	QTY	Unit USD price	Unit USD Price
PVR106/2	BC Cell PV Ribbon Double Lines Drawing Rolling Annealing Tinning Machine With Semi Take up	1		
Total Amount				

Layout:12*2*4m



Characteristics and performance parameters of the structure:

1. structural features

(1) Power control: the industrial controller has no section speed control, which can be adjusted arbitrarily within 300m/rpm, and the touch screen displays the current host speed. The payoff, rolling, annealing, tin coating, traction and take-up motors are equipped with separate controllers. The precise resistance is driven



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by the rotation of the tension rod. The signal of resistance value change is automatically calculated under the control of PLC. The inverter is ordered to immediately adjust the motor speed to keep the tension rod stable, and adjust the optimal tension to keep the thickness of the outgoing line diameter uniform. The winding motor servo+PLC keeps the tension of the winding diameter stable and the winding stable.

(2) Paying off mode: up pulling

(3) Rolling mode: precision rolling, laser detection online correction.

(3) Annealing method: induction annealing.

(4) Cooling mode: air cooled.

(5) Tin coating method: lift air knife hot tin coating. (6) Transmission mode: the whole machine is driven by direct drive and toothed belt.

(7) Take up mode: axial type wire arrangement, automatic line change by translation, independent traction motor, fully automatic upper and lower shafts.

(8) Special quality products:

A the air knife is made of special materials and the air duct stainless steel welding process.

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

C high quality toothed belt and reducer.

D high quality series motors and servo+PLC from domestic first-class manufacturers.

2. Performance parameters:

(1) Inlet wire diameter: Φ 0.8-1.2MM, outlet Φ 0.15MM-0.40MM

(2) Rolling range: width 0.25-1.0mm, thickness 0.05-0.25mm

(3) Mechanical speed: 300m/max. (the minimum acceptance speed is not less than 100m-250m/min)

(4) Maximum number of wind blades: 2 pairs

(5) Number of production strips: 2

(6) Bath: 180 deep MM .

(7) Drawing motor: 4kw-5:1

(8) Rolling motor: 1kw*2

(9) Annealing traction motor: 400w

(10) Take up traction motor: 400w

(11) Take up motor: 1kW servo

(12) Layout servo motor: 400w+plc

(13) Tin coating volume: 5-10 kg/max

(14) Installation power:34KW



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3. Composition of the machine:

3.1 Dual wire drawing machine 24FWD with payoffs.

3.2 106 Rolling mills*2

3.3 Dual wire annealing

3.4 Dual wire tinning with flux device

3.5 Dual Automatic spools changer with HMI