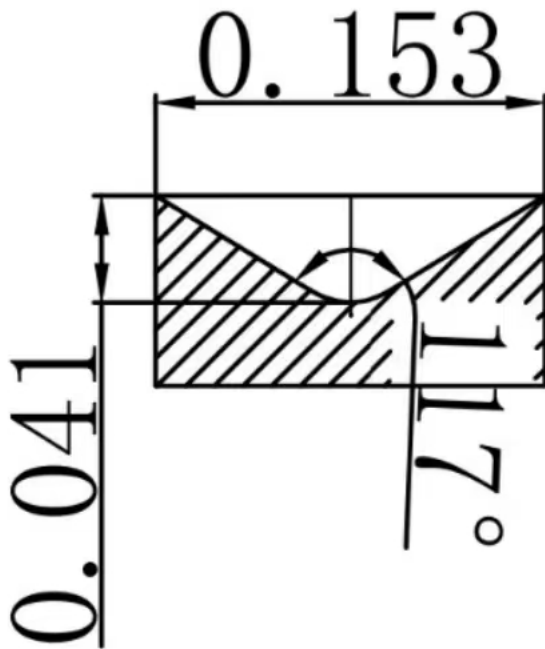
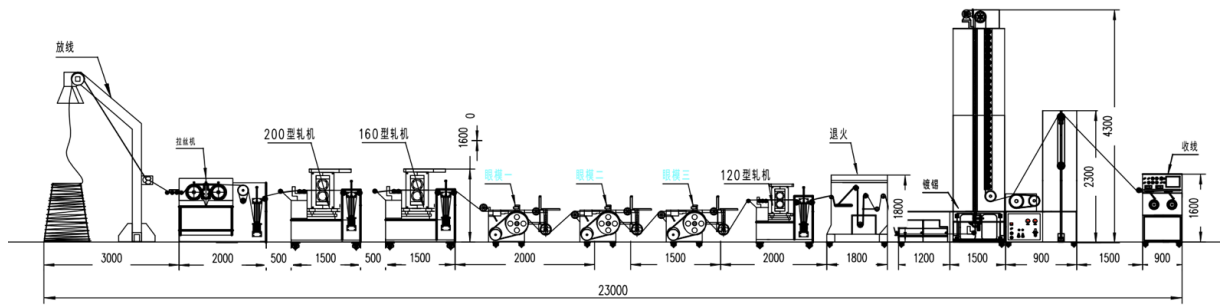


Client need give the following data as the drawing.



Layout:23*2*4.2m



Characteristics and performance parameters of the structure:

1. Structural features

(1) Power control: The host motor is controlled by a variable frequency drive with continuous speed regulation, which can be adjusted freely within 0-150RPM. The touch screen displays the current host speed. The wire drawing and unwinding, flattening, annealing, and winding motors are separately equipped with a frequency converter. The precision resistor is transmitted through the rotation of the tension rod, and the signal of the resistance value change is automatically calculated under the control of the PLC. The frequency converter is commanded to immediately adjust the motor speed to keep the tension rod stable and adjust the optimal tension to maintain uniform diameter of the outgoing wire. Drawing+rolling+flat drawing+textured finish roller+annealing+tin coating+wire winding, mechanically independent individual, movable combination.

(2) Wire payoff method: 9 drawing dies with large pulling and variable diameter actively follow the wire payoff.

(3) Flattening method: Precise roller synchronous pressing, laser online detection.

(4) Annealing method: Short circuit full wave DC annealing.

(5) Using special high-quality products:

A.bearing adopts NSK, JNS, Ha axis and other brand bearings.

B.Habersi flat belt, Nita toothed belt.

C.Wannan series motors and sine servo+PLC.

D.Display screen adopts the sine brand.

2. Performance parameter

(1) Input wire: 1.5-3.5 copper round wire

(2) Rolling range: thickness 0.2-0.5mm/width 2.0-10.0mm

(3) Mechanical speed: 150RPM/Max

(4) Wire drawing motor: 15KW induction motor

(5) Rolling motor: 11KW*2+5.5KW AC motor and tension type frequency converter

(6) Flat drawing motor: 4kw*3 motor and tension type frequency converter

(7) Annealing transmission motor: 2HPAC motor and tension type frequency converter

(8) Annealing transformer: 65KW autotransformer frequency converter, full wave rectification, DC output

(9) Wire winding: 3HPAC motor and tension type frequency converter

(10) Traverse: 0.75KW servo motor

(11) Installation power \approx 125KW

(12) **Power consumption:40KW.H**

3. Composition and function of the machine:

(1) Pulling up pay off machine: 1 unit

(2) D9-gear drawing machine: 1 unit

(3) 200 roller: 1 unit

(4) 160 roller: 1 unit

(5) 400 single-mode flat drawing machine: 3 units

(7) 120 textured finish roller: 1 unit

(7) Annealing (including chiller): 1 unit

(8) Hot tin coating machine with flux: 1 unit

(9) Tension controller: 1 unit

(10) Double spools Take up: 1 set

(11) Electric control cabinet: 1 unit