

Aluminum Extrusion Handling Table Conveying form



Type- 4-step Handling Table
Dimensions As per Extrusion Machine Capacity

Water tank

- 1) Length: 2000 mm to 3500mm (L)
- 2) Type: flooded water quenching tank
- 3) Material: stainless steel

II. Initial & lead out table

- 1) Length: As per requirement
- 2) Aluminum rollers with heat resistant sleeve
(Temperature resistant 580°C, material: PBO+Kevlar);

Remark: heat resistant sleeve will be cut into three phases; the purpose is to extend service life;

- 3) Up initial lead table, equip 3 sets of cooling ducts (power: 3KW/set),
Under initial lead table, equip 4 sets of cooling fans (power: 0.37KW/set);

Hot Saw

- 1) Equip 1 set of Hot saw; blade motor
- 2) Equip automatic lubrication system;
- 3) The Hot Saw can continue to cut even if puller not works;

V. Run out Table

- 1) Dimension: As per Customer Requirement
- 2) Transmission type: chain transmission;
- 3) Aluminum rollers with heat resistant sleeve temperature resistant 480°C, material: Kevlar], all rollers will be cut into three phases;

- 4) Adopt push-pull type hydraulic system for up/down process;
- 5) Protective cover is against rotation chain pulley;

VI. Run-out Transfer Table (1st step)

- 1) Dimension: As per requirement
- 2) Heat resistant felt belt Temperature resistant 500°C material: Kevlar]
- 3) Individual felt belt can be changed without dismantling axle;

VII. Cooling Table (2nd step)

- 1) Dimension: As per requirement
- 2) Heat resistant felt belt Temperature resistant 500°C Material: Kevlar]
- 4) Equip 14 sets of cooling fans under table (power: 0.55KW/set);
- 6) Individual felt belt can be changed without dismantling axle;

VIII. Stretcher Detail

- 1) Stretcher Capacity- As per Customer requirement
- 2) Stretcher bed: As per Customer requirement
- 3) Control of stretcher- Pneumatic / Hydraulic as per Customer requirement
- 4) The Stretcher head jaws can be de-twisting (360°);

IX. Stretcher Transfer Table (3rd step)

- 1) Dimension: As per Customer Requirement
- 2) Heat resistant felt belt Temperature resistant 250°C, material: nomex];
- 4) Individual felt belt can be changed without dismantling axle;

X. Batching Table (4th step)

- 1) Dimension: As per Customer Requirement
- 2) Heat resistant felt belt Temperature resistant 250°C material: nomex]
- 3) Individual felt belt can be changed without dismantling axle;

XI. Saw Transfer Table

- 1) Dimension: As per Customer Requirement
- 2) Temperature resistant: 180°C, material: polyester]; other rollers with heat resistant sleeve temperature resistant: 180°C, material: polyester];
- 3) Adopt push-pull type hydraulic system for up/down process;
- 4) Protective cover is against rotation chain pulley;

XII. Product Saw Table

- 1) Saw blade diameter- As per requirement
- 2) Cutting Height- As per requirement
- 3) Auto cutting with a linear walking guide
- 4) Adjustable pneumatic clamp;

XIII. Length Gauge Table

- 1) Effective gauge Length: As per requirement
- 2) Control Type- Full Auto or Manual as per requirement
- 2) Equip aluminum rollers with heat resistant sleeve temperature resistant: 180°C, material: polyester];

XIV. Electrical Control System

- 1) Voltage: 380V to 440V AC, 50HZ;
- 2) Complete with PLC with touch screen fully automatic / semi automatic as per customer requirement

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