



US Currency Single-screw Extruder Machine for Plastic PP PS ABS HIPS Production Line

Our Product Introduction

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Basic Information

- Place of Origin: Shandong, China
- Brand Name: Changyue
- Certification: CE
- Packaging Details: Export Film Packing / According To Customer
- Delivery Time: 15 Days (1 - 1 Pieces) To Be Negotiated (> 1 Pieces)



Product Specification

- Model NO.: SJ 90
- Board Layers: Multilayer
- Screw No.: Single-screw
- Automation: Automatic
- Computerized: Computerized
- Customized: Customized
- Condition: New
- After-Sales Service Provided: Engineers Available To Service Abroad
- Sheet Width: 700 - 3000 Mm
- Extruder Size: 90 / 33
- Loading Port: Qingdao Port
- Installation Power: 150 Kw
- Sheet Thickness: 0.2-2 Mm
- Transport Package: Film



More Images



Product Description

Product Description

plastic sheet extruder machine / PP PS Thermofroming roll sheet Extrusion Machine

video: https://youtu.be/8Q4qR0ux_FQ

Product description

Raw Material:

1. can be virgin plastic material. PP, PE PS, ABS, HIPS, PLA
2. can be recyclable material, like PP, PS granules FLAKES

SHEET SPECIFICATION:

Usual Sheet Width: 600-800-1000-1500 mm

Usual Sheet Thickness: 0.2-2.2 mm

APPLICATION:

1. This line is specially used for producing PP, PE PS, ABS, HIPS, PLA sheet.
2. Surface Treatment: Adding some additives can improve intensity/toughness/rigidity, flame retardant, embossing, frosting, etc.
3. Application: Packing, printing, stationery, art works etc.
4. Main Products: Gift/ad/file bag/lamp cover/food packaging

MAIN FEATURES:

1. Screw with special mixing and plasticization function.
2. Coat hanger T-type die head with two throttle design enable to regulate the sheet thickness accurately.
3. Horizontal. vertical, 45 degree incline type 3 Roller Calendars may be lifted freely, sheet thickness shall be regualted by screw and pressing roller.
4. Separate roller temperature control system to control the temperature of pressing roller to gain even sheet thickness.
5. Exact slicing machine, excellent cross surface.
6. Winder with big torque motor, and it's speed and tension force adjustable.
7. Automatic metering to set the length of the products.

Product Parameters

Technical data

Summary

Suitable resin

PP/PE/PS /ABS / HIPS

Sheet width

400-2000mm(customized)

Sheet thickness

0.2-5mm(as requirement)

Capacity

150-1000kg/h

Power supply

380v 3phase 50HZ

Detailed Photos



1. drier & mixer volum: 1000 kg / 1500 kg

2. material: SS

- . vacuum auto loader
- 2. single screw extruder
- 3. one extruder or two extruder for single / multilayer sheet
- 4. exhausted screw
- 5. sheet width: 600-300 mm
- 6. sheet thickness: 0.5-5 mm
- 7. main motor: Siemens Beide
- 8. melting pump if needed
- 9. gear box brand: Jiangyin



- 1. . hydraulic mesh changer / filter & hydraulic station
- 2. T die: brand: JC times T die
- 3. meting pump to control production steady

- 1. vertical three roller calender / 45degreee calender
accodring to the
sheet spefication
- 2. roller diameter: 400 / 450 / 500 mm
- 3. flange type rotating jointor
- 4. roller temperature controlling unit
- 5. roller mirror treatment
- 6. Surface hardness: HRC55-58
- 7.Surface roughness: $Ra \leq 0.025\mu m$
- 8. up & down movement by motor
- 9. the rollers can do embossment





1. cooling bracket length: 12 m
2. transmission rollers: aluminium
3. edge cutter 2 pcs
4. online edge crusher : for choice

1. automatic cutting
2. automatic rolling
3. automatic roll changing
4. roll diameter: 600 mm / 800 mm
5. PLC control,



control panel

PLC control / not PLC control

inverter: ABB / Delta / according to customer requirement

contactor & relays: Siemens

switch: CHNT

touch screen: Siemens

PLC: Siemens



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