

## SBL 200 CASTING LINE

### Description

This sheet testing line is the National patent products, can be used for the sheet and film by different thermoplastic plastic materials.

This line is mainly applied to the material color, new product development and research, technology research, advanced teaching experiment, masterbatch testing and etc..



### —. Using Condition

Electric resource	380V, 3PHASE, 50HZ
Plastic raw materials	PE and etc
Product width	200mm
Product thickness range	0.02 - 0.15mm
Capacity	1-5kg/H
Total power	12kw
Weight	1100kg
Dimension	3800×1000×1500mm(length×width×height)

### —. Technical Parameters

1、 SJ30/28 single screw extruder)	1 SET
2、 Mould	1 SET
3、 Casting device, include traction and winder	1 SET

### **III. Main Parts Specification**

<b>1、 SJ30/28 single screw extruder</b>	
Barrel screw diameter	Φ30mm
Screw L/D	28 : 1
Barrel screw material	38CrMoA1A
Barrel heating way	Electric heating
Motor	Converter motor
Motor power	5.5kw
Speed adjusting	Frequency control
<b>2、 Mould</b>	
Mould materials effective width	200mm
Mould lips thickness adjust range	0.2-0.5mm
Port foam	Clothes Rack
<b>3、 Casting device</b>	
Roller diameter	Φ 265mm--steel
Roller length	280mm
Roller drive	Independent drive
Frequency control	Inverter
Roller structure	In-out water in one head
Roller diameter	Φ 150mm ( rubber thermostability roller )
<b>4、 Haul-off machine )</b>	
Rubber roller number	2 ( steel roller and rubber roller )
Rubber roller material	Natural rubber
Rubber roller run type	Air cylinder drive
<b>5、 Winder</b>	
Winder motor	Torque motor
Winder station	One station
<b>6、 Safty protection</b>	
The control box has the power light, the stop switch, the emergency stop button. all the dangerous and running place are marked	