

## SBP200 PLASTIC SHEET EXTRUSION 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	PP/PE/PS(except the special material)
Product width	< 160mm
Product thickness range	0.5 - 1.0mm
Capacity	2-8kg/H
Total power	12kw
Weight	1000kg
Size	3900×1000×1500mm(length×width×height)

### —. Technical parameters

1. SJ35/28 single screw extruder	:1 SET
2. Plastic sheet mould	:1 SET
3. Calender, include traction and winder )	:1 SET

**三. Main parts specification**

<b>1、 SJ35/28 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	0.5-1mm
Port foam	Clothes Rack
<b>3、 Three rollers cylinder</b>	
Three rollers cylinder style	Horizontal/Vertical
Roller diameter	Φ 165mm
Roller length	300mm
Frequency control)	Inverter
Roller drive	Independent drive
Roller structure	In-out water in one head
<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、 Electric control system</b>	
PLC	SIEMENS
Screen	SIEMENS
Frequency transformer	SIEMENS
Contactor	SIEMENS
Tachograph	QUANSHENG
<b>7 , Safty protection</b>	
The control box has the power light, the stop switch, the emergency stop button	
Marked: all the dangerous and running place are marked	