

## SBP100 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 (except the special material) |
| Product width           | < 100mm                               |
| Product thickness range | 0.3 - 0.8mm                           |
| Capacity                | 0.5-2kg/H                             |
| Total power             | 6kw                                   |
| Weight                  | 500kg                                 |
| Dimension               | 2000×650×1500mm(length×width×height)  |

### —. Technical Parameters

|  |       |
|--|-------|
| 1、 SJ25/25 single screw extruder         | 1 SET |
| 2 . Plastic sheet mould                  | 1 SET |
| 3. Calender, include traction and winder | 1 SET |

### III. Main Parts Specification

|  |                                  |
|--|----------------------------------|
| 1、 SJ25/25 single screw extruder   |                                  |
| Barrel screw diameter  | Φ25mm                            |
| Screw L/D  | 25 : 1                           |
| Barrel screw material  | 38CrMoA1A                        |
| Barrel heating way   | Electric heating                 |
| Motor  | Converter motor                  |
| Motor power  | 2.2kw                            |
| Speed adjusting  | Frequency control                |
| 2、 Mould   |                                  |
| Mould materials effective width  | 200mm                            |
| Mould lips thickness adjust range  | 0.2-0.5mm                        |
| Port foam  | Clothes Rack                     |
| 3、 Three rollers cylinder  |                                  |
| Three rollers cylinder style   | Vertical                         |
| Roller diameter  | Φ 99mm                           |
| Roller length  | 250mm                            |
| Frequency control  | Inverter                         |
| Roller structure   | In-out water in one head         |
| 4、 Haul-off machine  |                                  |
| Rubber roller number   | 2 steel roller and rubber roller |
| Rubber roller material   | Natural rubber                   |
| Rubber roller run type   | Air cylinder drive               |
| 5、 Winder  |                                  |
| Winder station   | One station                      |
| 6、 Electric control system   |                                  |
| Frequency transformer)   | HOLIP                            |
| Contactor  | SIEMENS                          |
| Tachograph   | QUANSHENG                        |
| 6、 Safty protection  |                                  |
| The control box has the power light, the stop switch, the emergency stop button. all the dangerous and running place are marked. |                                  |