

## SBL200 PLASTIC SHEET EXTRUSION LINE

### Description

This casting 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, small production and etc..



### —. Using Condition

|                         |   |
|-------------------------|---|
| Electric Resource       | 380V, 3PHASE, 50HZ                      |
| Plastic Raw Materials   | PE and etc(except the special material) |
| Product Width           | 200mm                                   |
| Product Thickness Range | 0.02 - 0.10mm                           |
| Capacity                | 1-5kg/H                                 |
| Total power             | 12kw                                    |
| Weight                  | 1000kg                                  |
| Dimension               | 3500×800×1500mm(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 |

### 三. 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 200mm--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、 Safety protection</b>   |   |
| The control box has the power light, the stop switch, the emergency stop button. all the dangerous and running place are marked |   |