

## SCM25-PLC Film Blowing Machine

### Description

The national patent small laboratory blowing machine is suitable for the bonding of various materials ,the scientific institution, the college and the production factory lab, also can be used for small production.



### —. Using condition

Electric resource	220V, 1PHASE, 50HZ
Plastic raw materials	PE(except the special material)
Film thickness	0.01-0.1mm ( by the material )
Blowing width	80--120mm
Capacity	0.5-2Kg/h
Total power	8 kw
Weight	270kg
Control system	PLC
Size	1850×700×1900mm(length×width×height)

### 二. Technical parameters

1、 SJ25/30 single screw extruder	1 SET
2、 Mold	1 SET
3、 Blowing system	1 SET
4、 Winding device	1 SET
5、 Electric control system	1 SET



### 三. Main parts specification

1、SJ25/30 single screw extruder	
Barrel screw diameter	Φ25mm
Screw L/D	30 : 1
Barrel screw material	38CrMoAlA
Nitriding depth	0.4~0.7mm
Surface hardness	HV940~1050
Screw surface treatment	Hard chromium plating
Screw structure	Mixing structure
Barrel heating way	Electric heating
Speed	10 ~ 60rpm
Motor type	Servo motor
Motor power	2.3 kw
Speed adjusting	Servo governor
Reduction box	Epicyclic gearbox
Temperature control	SSR
Control model	PI control
Temperature area	3
2、Mould	
Blow type	Blow upward
Mold diameter	Φ30mm
Mold structure	Spirane structure
Channel processing	Internal and external electroplating-Polishing treatment
Heating type	Electric heating
3、Blowing system	
Blowing width	100--150mm
Traction Roller diameter	Φ 85mm
Traction Roller length	300mm
Passive roller	Chromium plating roller
Traction Roller drive	Rubber roller
Traction Roller drive	Independent drive
Traction motor	JSCC
Traction reducer	JSCC
Inverter	JSCC
4、Winding device	
Winding mode	Friction winding
Friction roller	Antistatic roller
Winder motor	AC motor
Motor	JSCC
Speed control	Frequency control--JSCC
5、Electric control system	
Control type	PLC+Touch screen
Touch screen	SIEMENS
PLC	SIEMENS
SSR	GOLD
Contactor	SIEMENS
Speed controller	Servo control