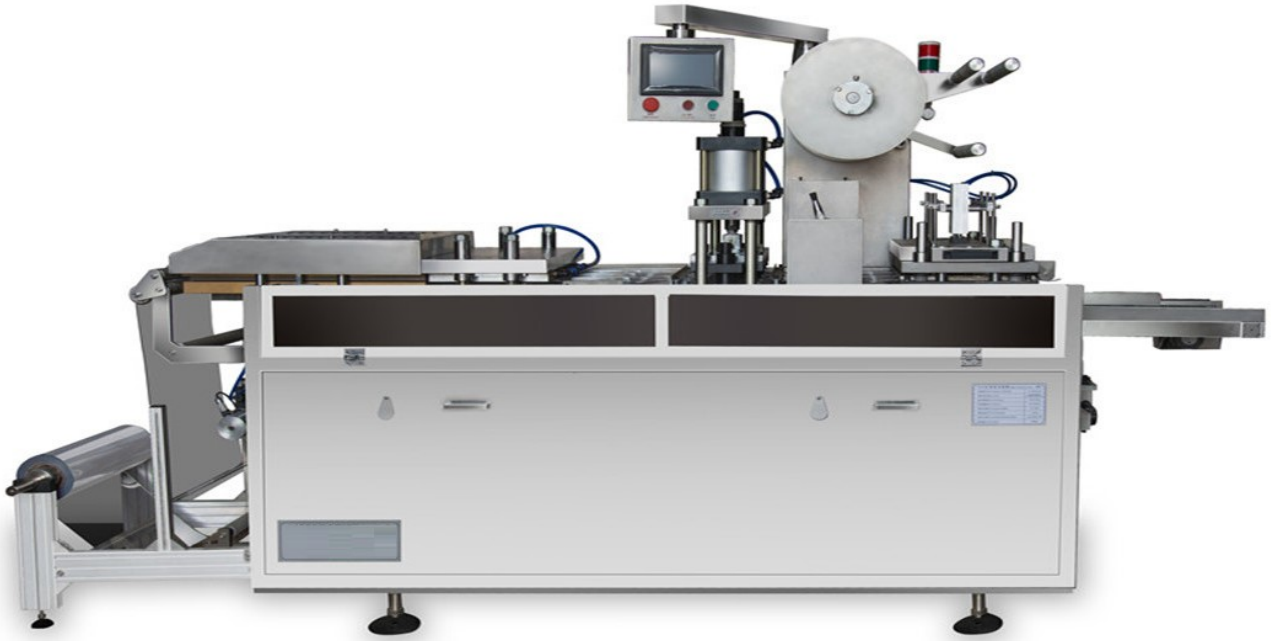


SM PL-35 PLASTIC LID MAKING MACHINE



MACHINE PARTS

		
Raw Material	Heater	Moulds
Unique design makes feeding more stable	Two heating panels save energy by heating the layer	Special moulds according to customer requirements
		
DRILLING PROCESS	die cutting	roller traction
Round holes, cross holes, punching needles are available for you as option		Ready to produce finished products in various sizes
		
stacking	waste collection	on the side
Finished products are stacked for easier picking	Automatic-waste collection to reduce cost	material feeding
		
Feeding Belt	Touch Screen	Cabin
The conveyor belt was extended to give workers time to get things done	Touch Screen provides ease of manoeuvre.	The main engine is mounted in the machine cabin for easy maintenance.

Samples:

Suitable for PVC, PET, PS medical trays, cups and plates, food box plastic products etc..



4. Machine features

1. Automatic control is realized through the programmable Logical control (PLC), human-machine interface, encoder, photoelectric system, etc., and the operation is simple and intuitive.
2. The mechanical transmission uses a reducer to connect to the main rotor, and the forming, punching, traction and punching stations are on the same axis line to ensure process synchronization. (Reduces transmission error)
3. Automatic lifting and loading system is safe and labor-saving, plate-type upper and lower preheating devices have constant temperature control and even heating, there are a variety of molding methods, bubble shell is clear and beautiful, servo motor is intelligent and reliable, punching and punching tools are durable It is burr-free and mold replacement is easy. The host adopts frequency conversion speed regulation for smooth operation.
4. The machine body adopts a steel plate box-type welded structure, which is sturdy and non-deformed. The bracket and box are precision cast under pressure, with high density and no air holes. The appearance is evenly wrapped in stainless steel. beautiful and elegant.
5. Servo roller traction system is used to ensure more stable and reliable operation of the equipment, and the traction length is increased. The traction length and traction speed are not only increased but can be adjusted directly at the human-machine interface via PLC programming. molding area also expands the applicability of the equipment.
6. Can be equipped with cursor matching function.

5. Technical Parameters

Machine Code	SM PL-35
Production Speed	15-35(Ad/Dak)
Maximum Forming area	470X290 mm
Maximum Shaping depth	47 mm
stroke	60-300 mm
Packaging Material	PVC、PET、PS, (roll): 75 mm (Material Sheet): 0.15-0.6X500 mm
Total Power	11.5Kw (380V)
Air Pressure (MPa)	0.6-0.8 MPa
Mold Cooling	20 (tap water or recycled water) (Consumption): 60L/H
Dimensions	3500*1000*1800 mm
Weight	2400Kg

6. Electrical configuration list

No.	Item	Model	Qty	Manufacturer
1	(PLC)	DVP32ES200T	1	Delta
2	(PLC)	DVP04TC-E2	1	
3	servo driver 0.75KW	ASD-B2-0721-B	1	
4	Servo Motor 0.75KW	ECMA-C20807RS	1	
5	Frequency Converter 2.2KW	VFD5A5MS43ANSAA	1	
6	Screen	DOP-107BV 3	1	
7	Power Switch	NES-50-24	1	Taiwan Mingwei
8	Thermocouple Type K	WRNT-2.5	2	China chao guang
9	solid state relay	SSR-60DA	2	Wenzhou South China
	solid cooler		2	
10	Photoelectric Switch	ES18-D01NK-MB	1	Zhejiang Huatian
11	Closing Switchi	J12-D4NK	3	
12	Encoder	E40S6-360-3-N-24	1	Onetoks
13	Compressed air cleaner	CAW5000-06	2	Kamei pneumatics
14	Pressure regulating valve	CAR2000-02	1	
15	Heating roller	SDA50×30	2	
16	Punching roller	SCJ160×60-30	1	
17	Stacking rollers	TN32×75	1	
18	Feed arm roller	SC125×120 13-F-W	1	AirTAC
19	Manuel valf	4L210-08	1	
20	Electromagnetic valve	4V210-08	5	
21	Electromagnetic valve	4V210-15	2	
22	Three phase asynchronous motor	TR68VE2. 2-4P 17.95-M1IX	1	Zhejiang Tongli
23	Feeding motor	5GN-20-K/4RK40GN- CZ	1	Zhejiang Dongbang
24	Waste motor	5RK120GN-CFZ	1	
25	Conveyor motor	5GN-20-K/4RK40GN- CZ	1	

Contact information



+90 552 442 33 07 **** +90 552 632 30 07



info@suramachine.com



www.suramachine.com www.surapack.com

Dudullu OSB District, DES Sanayi Sitesi, 101. Sokak No 8/10, 34775 Ümraniye/İstanbul Turkey



Telefon: +90 216 415 66 55

+90 216 420 47 30

+90 850 305 47 30

+90 552 632 30 07

