



凱美塑膠機械股份有限公司
KAI MEI PLASTIC MACHINERY CO., LTD.

MIB-SERIES

INJECTION-STRETCH BLOW MOULDING



This model of one-stage, three station injection stretch blow molding machine is made by KAI MEI plastic machinery co. ltd. It has the possibility to economically produce high quality containers using various of many kinds of material in PET, PP, PC, TRITAN, PES, etc. and save energy. It lets our customers obtain the most profits with the fast cycle time from this injection stretch blow-molding machine.

PROCESSING WITH 3 STATION ROTARY TABLE

The process of this machine is by using a rotary disk to cycle three stations. At the first station, there is a high clamping force on the injection mould of this machine to ensure obtaining a good performance quality. At the second station, we assigned a controller to adjust the temperature so that our customers could obtain the best quality bottles. At the third station, it is in process of the stretching and high pressure blowing shape. At the last station, high quality bottles can be easily taken out.

3 STATIONS PRODUCTION PROCESS



STATION 1: PREFORM INJECTION MOULDING STATION

The clamping mould of this machine is quickly clamped by using two small hydraulic cylinders and is finally clamped by a large diameter cylinder with a high clamping force that can reach 30 tons. The material is injected into the mold of the hot runner system and cooled down rapidly to 95-100 C. and that it is cleanly shaped.

STATION 2: STRETCH BLOW STATION

To stretch the perform by using a thin long stick and holding the button on to blow at high pressure to shape.

STATION 3: PRODUCT EJECTING STATION

The products here are at the final station. Using pneumatics to open the neck mould, the products can simply be taken out.





SPECIFICATION OF MACHINE

Model	Unit	MIB 75	MIB 65	MIB 55	MIB 45
Screw Dia.	mm	75	65	55	45
Injection Capacity	cm ³ / shot	884	565	333	175
Screw Heating Capacity	kw	12.5	10	7	4.2
Injection Clamping Force	ton	102	102	61	33
Blowing Mold Clamping Force	ton	55	43	34	18
Maximum Blowing Air Pressure	bar	30	30	30	30
Air Pressure System	bar	8	8	8	8
Hydraulic Pack Pump Motor	hp	75	60	50	40
Operating Hydraulic Pressure (max)	kg / cm ²	140	140	140	140
Total power consumption	kw	82.5	64.5	50.5	35
Machine Size	L×W×H(m)	6.5*3.4*5	5.8*3*4.7	5.4*2.4*4.2	4.2*2.0*3.4
Machine weight	ton	20	16	11	7

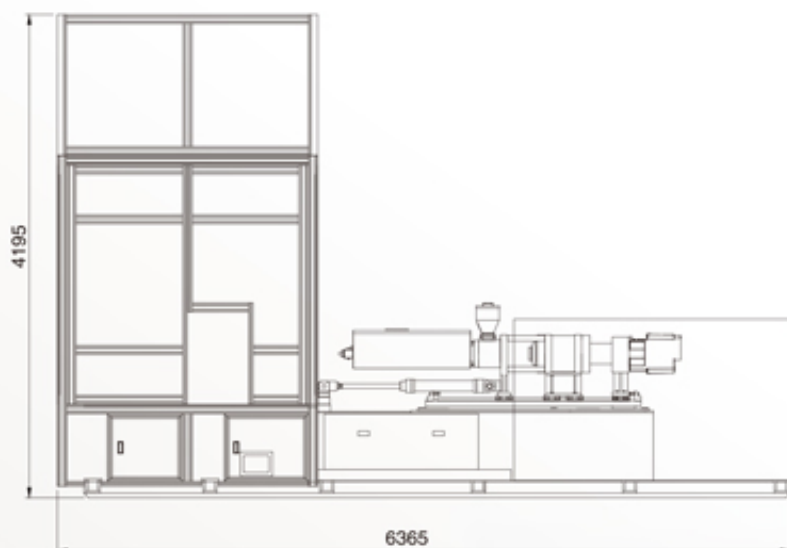
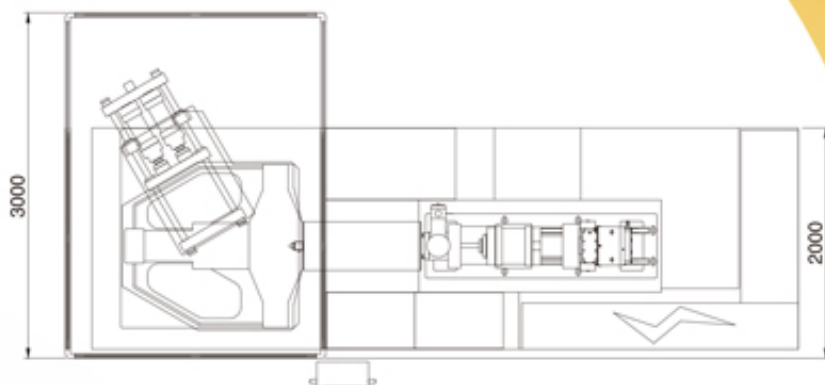
- For more detailed information, please contact manufacturer
- All specifications and designs are subject to change without notice.

PRODUCT DIMENSIONS

Model	Number of Cavities	1	2	4	6	8
MIB 45	Approximate Capacity	2	1.5	0.5		
	Neck Diameter	70	55	40		
	Body Diameter	105	100	55		
	Height	300	300	250		
MIB 55	Approximate Capacity	5	2.5	1.5	0.6	
	Neck Diameter	80	75	55	35	
	Body Diameter	170	130	90	66	
	Height	350	350	320	250	
MIB 65	Approximate Capacity		3	2	0.8	0.35
	Neck Diameter		80	70	40	35
	Body Diameter		130	105	80	50
	Height		350	335	270	250
MIB 75	Approximate Capacity		5	2.5	1	0.5
	Neck Diameter		80	70	50	35
	Body Diameter		170	130	80	55
	Height		350	350	300	250

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FOUNDATION DRAWING



Since 1977

凱美塑膠機械股份有限公司 KAI MEI PLASTIC MACHINERY CO., LTD.

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