

## Automatic Mould Blowing Machine



HY-3000 series automatic mould blowing machine is suitable for producing PET/PC/PP/PE, plastic containers and bottles in all shapes. It is widely used to produce the bottles for carbonated drinking, mineral water, cosmetics, juice, etc.

- Feeding and conveying the bottles automatically ;
- Infrared oven adopts the quartz lamp to heat the PET tubes ;
- Fully automatic process with low cost and high efficiency ,safe operation and easy for troubleshooting ,maintenance ;

Type	Item	Unit	Technical Specification	
			2-Cavity	Four Cavity
Bottle Shape	Bottle Material		PET/PP/PC	PET/PP/PC/PE
	Bottle Volume	L	0.05-2.53-6(1-cavity)	0.05-2.53-6(2-cavity)
	Theoretical Output	Pcs/Hr	6L:450/2L:1200/0.5L:1500/0.1L:2000	6L:750/2L:1900/0.5L:2500/0.1L:3000
	Perform Length	mm	50-220	50-220
	Max Height of Bottle	mm	350	350
	Bottle Embryo Inside Diameter	mm	15-60/60-180(1-cavity)	15-60/60-180(2-cavity)
	Bottle Outdiameter	mm	35-110/110-230(1-cavity)	35-110/110-230(2-cavity)
Moulding	Max Mould Plate Dimension	mm	350*450	420*500

	Max Mould Thickness	mm	180-250	180-250
	Clamping Force	KN	150	280
	Mould-Opening Stroke (Adjustable)	mm	80-250	80-250
Compressor	High Pressure Compressor	m <sup>3</sup> /Mpa Kw	≥0.60/3.0*1set/11	≥0.60/3.0*2set/11
	Low Pressure Compressor	m <sup>3</sup> /Mpa Kw	≥1.25/1.0/7.5	≥1.63/1.0/7.5
Dryer	Air Dryer	m <sup>3</sup> /Mpa Kw	1.0/3.0	1.0/3.0
Main Electricity	Power	KW	15.5	25.5
	Voltage/Frequency	V/HZ	380-240-110/50-60(3-phase)	380-240-110/50-60(3-phase)
Dimension and Weight	Main Machine Dimension(L*W*H)	M	2.00*1.40*2.00	2.00*1.97*2.07
	Main Machine Weight	T	2.0	3.5
	Conveyer Dimension (L*W*H)	M	2.00*1.05*2.18	2.00*1.05*2.18
	Conveyer Weight (L*W*H)	T	0.4	0.4
	High Pressure Compressor (L*W*H)	M	1.90*0.75*1.50	1.90*0.75*1.50*2 sets
	Low Pressure Compressor (L*W*H)	M	1.85*0.07*1.50	1.85*0.07*1.50
	High Pressure air Receiving Tank(D*H)	M Mpa	0.70*2.55/3	0.70*2.55/3
	Air Dryer(L*W*H)	M	0.85*0.50*0.95	0.85*0.5*0.95
	Air Filter	kg	10*2pcs	10*2pcs
	Mould Lifting rack	kg	15	15

Safty	Auto-emergency Alarm	Safety Inter-Loching Device
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