



CV CARMEL HILL MACHINERY

CM-A4 Four Cavity Automatic Blow Molding Machine



Features:

CM-A4 Full automatic blow molding machine is suitable for producing PET plastic containers and bottles in all shapes. It is widely used for producing the carbonated bottle, mineral water bottle, pesticide bottle, oil bottle, cosmetics bottle, wide-mouth bottle and hot filling bottle etc.*Reasonable design, full automatic control, save power and labor. *Feeding

system carries the preforms by robot arms automatically.*Infrared oven heater adopts the quartz lamp to heat the PET tube.*Fully automatic process with low investment, high efficiency, quick and safe for operation, easy for maintenance..*Adopting high quality components

HP Air Compressor Air Storage Air Filter Air Dryer Air Filter Water Chiller LP Air Compressor



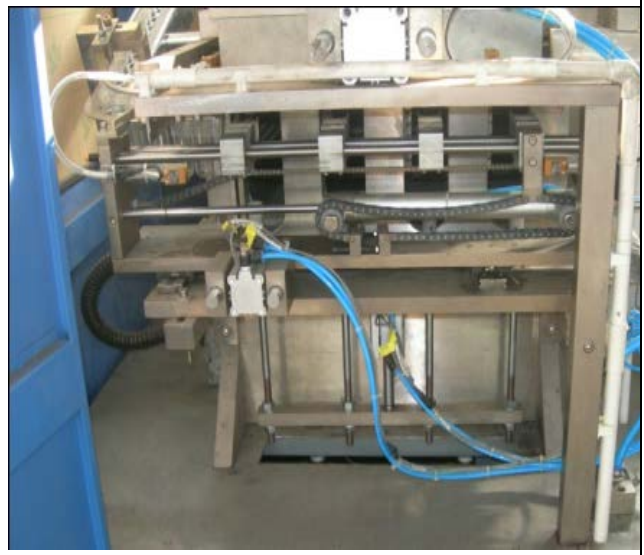


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Ajust preform



Into the oven



Heating preform



Blowing





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Output bottles	Mould
	

Main Parts of CM-A4

Main part:		
Pneumatic part	Valve	FESTO
	Cylinder	
Electric part	PLC	MITSUBISHI
	Operating system	DELTA/WEINVIEW
	Relay	OMRON / SCHNEIDER
Note	All of the electrical components adopts CE、UL、CCC approved international advanced high-tech product.	

II. Equipment and price list

(Cold filling)-3200-3800P/H/set

Max volume of product: 2.0 Liter



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ITEMS	NAME	MODEL	QTY	AMOUNT USD
1	Blow Molding Machine	CM-A4(49KW)	1set	1,200,000,000
2	Preform unscrambler			
3	Hp compressor	2.4m3/min 30kg(30KW)	1set	
4	LP compressor	2.0m3/min 10kg (15KW)	1set	
5	Air Dryer	2.0m3/min 30kg(2.0KW)	1set	
	Air filter	2.0m3/min 30kg	2sets	
6	Water chiller	3HP(3.5KW)	1set	
7	Air tank	0.6m3/min 30kg	1set	
8	Blow Mold	500ml	1set	
9	PRICE ON BOARD	FOB SURABAYA PORT		

III. Description

HP and LP air compressor



Air compressor	Unit	2.4M ³ /min 30KG	2.0M ³ /min 10KG
Volume	M ³	2.4	2.0
Pressure	Kg	30	10
Speed	r/min	800	870
Power	KW	2*15	15
Overall Dimension	mm	2300*1900*1500	2000*1050*1900
Weight	kg	1650	780



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CM-A4

Main parameter:		
Model	CM-A4	
Productivity	Depend on bottle design	3200-3800PCS/H
Product type	Body diameter	20mm-100mm
	Height	50mm-350mm
	Neck diameter	15mm-38mm
Mold	Cavity	4cavities
	Mold thick	240mm
	Mold	500*500mm
Main machine power	Electrical source power	380v 3Phase /220v 3Phase 50/60HZ
	Rated Power	49kw
	Really use power	14kw
Air source	LP air compressor	2.0m3/min 1.0MPa 15KW
	HP air compressor	2.4m3/min 3.0MPa 30KW
	Air dryer	2.0m3/min 3.0MPa 1set
Cooling water	Cooling water	3HP
Size	L*W*H	1908*1860*1930mm
	Weight	3600kg
Auxiliary equipment (preform unscrambler)	L*W*H	2000*950*2480mm
	Weight	250kg
Resin available		PET

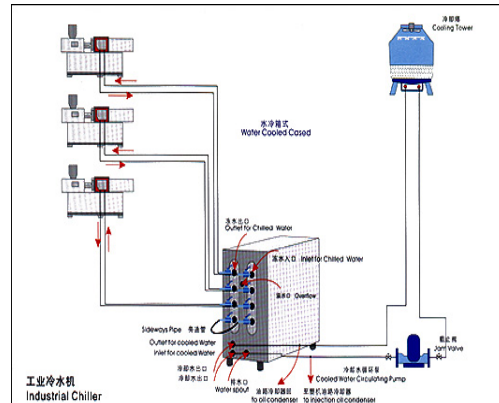
Air Cooling Drier:

	Refrigeration Dryer	Air	Unit	2.0M ³ /3.0Mpa
	Flow capacity		Nm ³ /min	2.0
	W.P		Mpa	3.0
	Inlet Temp.		°C	≤80
	Dew point		°C	23
	Ambient Temp.		°C	≤38
	Power supply		V/HZ	220/50
	Compressor power		Kw	1.0
	Cold Medium			R22
	Overall Dimension		mm	1200*700*1180
	Weight		Kg	200



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Mold Chiller:



Model		03WCI
4.4/38℃ Cooling capacity(Kcal/h)		75800
Compressor		All-closed vorticity
Compressor power (KW)		2.5
Refrigerant		R22
Chilled water pump power(KW)		0.75
10℃ Max. flow rate of chilled water(L/min)		55
Flow water inlet and outlet pipe		1"
Condensing water rate L/min		≥36
Chilled water inlet and outlet pipe		1"
Exterior dimension	Length(mm)	850
	Width(mm)	560
	Height(mm)	870
Water tank capacity	L	38
Weight	Kg	180

Air Filter:



Refining-Filter	Unit	2.0M ³ /30Kg
Flow Capacity	M3/Min	2
Max. work pressure	Mpa	3.0
Inlet Temp.	℃	5-56℃
Pressure lossMpa	Mpa	≤0.005
Overall Dimension	mm	108*252*850



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Air Storage Tank:

	Air storage tank	Unit	0.6M ³ /3.0Mpa
	Volume	M ³	0.6
	Pressure designed	Mpa	3.0
	Temp. designed	°C	100
	Work pressure	Mpa	3.0
	Test pressure	Mpa	4.13
	Weight	Kg	505
	Overall Dimension	mm	1200*1100*2650

IV. Service:

Provide whole drawing for the perform mould and bottle mould. Free charge for word design on the mould. We can help you install the machine; from setting machine, testing, and to check the machine is on the good working condition. There is a litter charge, only for flight charge and accommodation.

V. Delivery time:

90-120 days upon deposit and approval to the bottle drawing.

VI. Payment:

For machine:30%T/T deposit. The balance of 70%T/T will be paid before shipment.

VII. Guarantee:

We response for one year warranty for the machine, however, it without any human conduct. And provide one-year free spare part for client. And send engineer to client's company, help install the machine, teaching their staff operate the machine and also, we do have a private school which help our client sending their staff to china, help them training.

VIII. After sales service:

The buyer pays travel expenses; hotels, airfares, meals and ground transportation and any other expenses related to installation and training at customers facility.

Attached:

Functions of auxiliary equipments:

- (1) Air compressor is the air source for PET stretch blow molding machine, carrying out the process of compressing air from atmosphere to the required pressure.
- (2) Air dryer is to remove the moisture from the compressed air and lower temperature of the compressed air in the heat exchanger.



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- (3) Air filter is to clear up the impurities out of the compressed air, like carbon-hydrogen, tiny dust and solid particles.
- (4) Air tank is to receive and supply air for the machine as storage.

Best Regards,
Bayu Setiawan P.