

More about Baoji →

台州宝集科技有限公司
Taizhou Baoji Technology Co., Ltd.



ABOUT US

Baoji Machinery is integrated with industry and trade. Our factory specializes in manufacturing plastic machinery and pet molds more than 15 years from 2008.

We are mainly engaged in making automatic PET blow mould machine, semi-automatic PET blow machine, cap compression machine, injection molding machine, pet preform mold, plastic cap mold, auxiliary equipment etc

We have been committed to the design of plastic bottle making machine, especially the fully-automatic PET blow mould machine, from 300ml- 20L.

Our machine complying with CE certification has good quality with praise by our customers. The main markets are Southeast Asia, Africa, South America, Asia etc
Welcome to visit our factory !



2008

18 YEAR OF RICH EXPERIENCE

2026

OFFICE DISPLAY



SAMPLE ROOM



FACTORY MEETING ROOM



WORKSHOP SHOW



PRODUCTION PROCESS



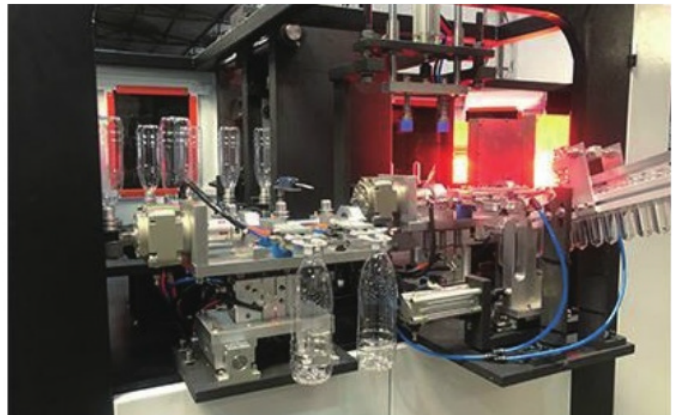
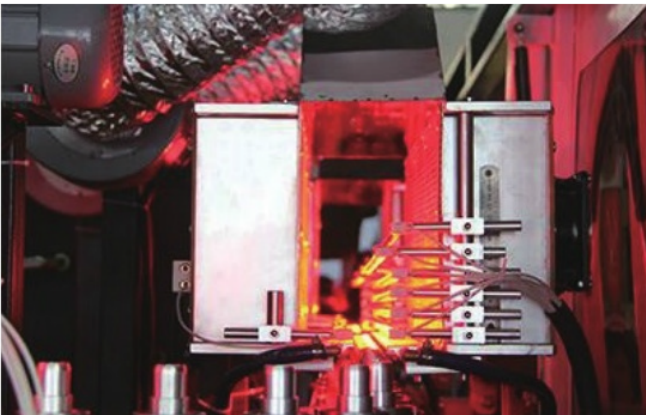
Welding



Machining Parts



Parts Heat Treatment / Painting / Assembling



Testing & installation

CMFBAOJI series HIGH SPEED BLOW MOLDING MACHINE



Item	Unit	CMF-BAOJI	CMF-BAOJI	CMF-BAOJI	CMF-BAOJI	CMF-BAOJI	CMF-BAOJI
Max.Volume	L	2.0	0.6L	2.0	0.6	0.6	0.6
Shift Servo		√	√	√	√	√	√
Stretch Servo		√	√	√	√	√	√
Clamping Servo		√ × 2	√ x2	√ x2	√ x2	√ x2	√ × 2
Separate Preform servo		√	√	√	√	√	√
Transport		√	√	√	√	√	√
Theoretical capacity	bph	8000	13000	11000	16000	20000	24000
Mould Cavity	pcS	4	6	6	8	10	12
Heating Pitch	mm	38.1	38.1	38.1	38.1	38.1	38.1
Heating Unit Group	set	2	3	3	4	6	6
Infrared Lamp	pcS	16	21	24	28	42	42
Number of Bottle Holder	pcS	124	148	148	166	188	216
Preform Baked Count	times	10	10	10	10	10	10
Max.Neck Dia	mm	30	30	30	30	30	30
Max.Bottle Diameter	mm	112	72	112	72	72	72
Max.Bottle Height	mm	320	260	320	260	260	260
Max.Preform Height	mm	160	120	160	120	120	120
Action Air Consumption	m/min	2	3	3	4	4	4
Pressure of Action	Mpa	0.8-0.85	0.8-0.85	0.8-0.85	0.8-0.85	0.8-0.85	0.8-0.85
Blowing Air Consumption	m/min	8	10	10	12	16	20
Pressure of Blowing	Mpa	2.8-3.2	2.8-3.2	2.8-3.2	2.8-3.2	2.8-3.2	2.8-3.2
Chiller Specification	HP	8	10	10	10	16	16
Machine Power	KW	<28	<36	<45	<52	<60	<65
Installed Power	KW	66	106	110	108	148	156
Size	m	3.8X1.8X2.1	5.1X1.7X2.1	5.7X1.8X1.9	5.4X1.8X2.1	6.2X1.8X2.1	6.3X1.9X2.0
Weight	kg	5000	6000	6500	7500	8200	8200

CMFBAOJI series
HIGH SPEED BLOW MOLDING MACHINE

台州宝集科技有限公司
CMF&BAOJI

Item	Unit	CMF-BAOJI	CMF-BAOJI	CMF-BAOJI	CMF-BAOJI	CMF-BAOJI	CMF-BAOJI
Max.Volume	L	5L	5L	20L	10	20	20
Shift Servo		√	√	√	√ × 2	√	√ × 2
Stretch Servo		√	√	√	√	√	√
Clamping Servo		√ × 2	√ × 2	√ × 2	√	√	√
Separate Preform servo		※	√	√	√	√	√
Transport		√	√	√	※	※	※
Theoretical capacity	bph	2000(5L/100g)	3800(5L/100g)	800	1200	550	1100
Mould Cavity	pcS	2	4	1	2	1	2
Heating Pitch	mm	63.5	63.5	100	1016	120	101.6
Heating Unit Group	set	4	8	4	4	4	4
Infrared Lamp	pcS	44	88	52	36	56	56
Number of Bottle Holder	pcS	91	162	60	138	40	140
Preform Baked Count	times	24	26	28	26	24	28
Max.Neck Dia	mm	45	45	80	55	80	80
Max.Bottle Diameter	mm	210	210	240	224	196	196
Max.Bottle Height	mm	350	350	480	460	380	380
Max.Preform Height	mm	180	180	298	210	298	298
Action Air Consumption	m/min	3	4	2	2	2	2
Pressure of Action	Mpa	0.8-0.85	0.8-0.85	0.8-0.85	0.8-0.85	0.8-0.85	0.8-0.85
Blowing Air Consumption	m/min	10	16	6	4	4	8
Pressure of Blowing	Mpa	2.8-3.2	2.8-3.2	2.8-3.2	2.5-3.0	2.5-3.0	2.5-3.0
Chiller Specification	HP	10	16	10	5	5	8
Machine Power	KW	<28	<50	<50	<38	<40	<50
Installed Power	KW	165	286	188	pp	122	126
Size	m	3.7X2.25X2.15	8.4X2.2X2.15	4.0X2.0X2.0	4.7X2.1X2.1	3.3X1.9X2.3	5.9X2.0X2.3
Weight	kg	6000	13000	7000	5000	4500	8500

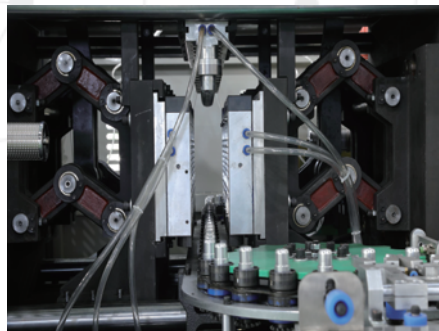
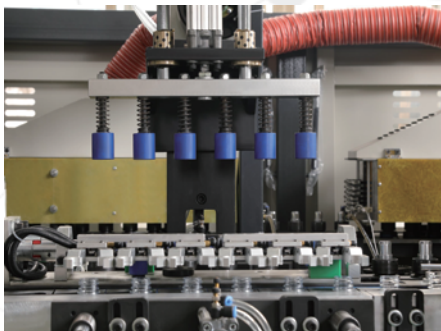
01

FULL-AUTOMATIC PET BOTTLE BLOWING MACHINE

《 BJ-2000/BJ-4000/BJ-6000/BJ-9000/BJ-11000 》



DETAIL DISPLAY



PRODUCT PARAMETERS

Standard configuration: ✓ Fittings Selection: ● Non-configurable: ✖

item	Unit	BJ-2000	BJ-4000	BJ-6000	BJ-9000	BJ-11000
Max volume	L	2liter	650ml or 2liter	650ml or 2liter	650ml	650ml
shift servo		✓	✓	✓	✓	✓
stretch servo		●	✓	✓	✓	✓
clamping servo		✓	✓	✓	✓	✓
Pointsembryo servo		●	✓	✓	✓	✓
Theorycapacity servo	BPH	2000	4000	6000	9000	11000
Mould cavity	cavity	2	3	4	6	9
Distance between centers	mm	106	114	114	114	96
Heating ovens	set	4	4	4	6	8
number of bottle holder	pcs	76	96	120	160	180
heating power (kw)	kw	35	45	55	65	85
bottle diameter max	mm	105	105	105	95	95
bottle neck max(mm)	mm	38	38	38	38	38
bottle height (max)	mm	320	320	320	320	320
Action air consumption (m/min)	mm	1.6	3.2	3.6	4.8	6.4
pressure of action(mpa)	m/min	1.0	1.0	1.0	1.0	1.0
Machine volatge 3phase	Mpa	380v or 220v	380v or 220v	380v or 220v	380v or 220v	380v or 220v
Machine size (mm)	Mpa	2650*1900 *1980	3950*1600 *1750	4150*1700 *1950	4300*2100 *1900mm	6400*2300 *1950
Machine power	KM	< 15	< 28	< 35	< 42	< 50

BJ-1800A/BJ-3500A



2cavity and 4cavity, only support 1neck

PRODUCT PARAMETERS

Model		BJ- 1800A Full Automatic PET Bottle Blowing Machine	BJ- 3500A Full Automatic PET Bottle Blowing Machine
Theoretical output		1800-2000 pcs/h	3000-3500 pcs/h
	Max. bottle volume	100 ml-1500 ml	100 ml-1500 ml
	Max. neck diameter	38mm	38mm
	Max. bottle diameter	90 mm	90 mm
Finished bottle	Max. bottle height	50-270 mm	50-250 mm
	Cavity	2 cavity	4 cavity
	Mold thickness	180mm-240mm	180mm-240mm
Mold specifications	Open stroke	130mm	130mm
	Power voltage	380v/3Phase/50HZ	380v/3Phase/50HZ
	Installation power	24 kw	35kw
Electrical system	Actual power consumption	10 kw	16 kw
	High pressure air compressor	2.4m ³ /min 30Kg	3.6m ³ /min 30Kg
Air source	Low pressure air compressor	1.2m ³ /min 10Kg	1.6m ³ /min 10Kg
	Recommend water chiller	5HP	5HP
Cooling water			
Blowing machine size	Length*width*height/weight	2000*1400*1920mm/1600kg	2500*1700*2100mm/2000kg
Preform loader size	Length*width*height/weight	1900*1100*2200mm/350kg	1900*1100*2200mm/350kg

BJ-880/BJ-500A



CHARACTERISTIC

Can produce 100ml-5000ml PET bottle .It also can produce PC bottle . Oven has water cooling system and air cooling system .Will let the heating system be stable



BJ-880

BJ-500A

PRODUCT PARAMETERS

			BJ-880	BJ-500A
General Information	Clamping Force	T	10	20
	Clamping Stroke	mm	230	280
	Max.Stretching Stroke	mm	300	350
	Number of Cavities	cavity	2	1
	Theoretical Output	BPH	1000	400
	Max mold Thickness	mm	200	250
	Space Between Tie Bars	mm	280*500	280*500
	Voltage Standard	V/50Hz	380	380
Electrical System	Number of heating Zone	Sections	2	4
	Total Power(Full Loaded)	KW	13	17
Container	Max.Container Volume	-	2cav 2L/1cav 6L	2cav 5L/1cav 10L
	Neck Diameter Range	mm	15-60	30-60
	Max.Bottle Diameter	mm	35-150	50-210
	MaxBottle Height	-	300	400
Auxiliary System	Low pressure air pressure	bar	8-10	8-10
	High pressure air pressure	bar	25-30	25-30
	Air Flow Rate	-	1.2/30	1.6/30
Dimension& weight(LxWxH)	Blower	cm	155x73x180	160x76x185
	Oven	cm	140x60x140	80x60x140
	Net weight	kg	900	1300

03

SEMI-AUTOMATIC BOTTLE BLOWING MACHINE SERIES

BJ-1700A/BJ-1700B

BJ-1700A



BJ-1700B



BJ-1700A



PRODUCT PARAMETERS

			BJ-1700A	BJ-1700A	BJ-1700B
General Information	Clamping Force	T	30	30	30
	Clamping Stroke	mm	220	220	220
	Max.Stretching Stroke	mm	300	300	300
	Number of Cavities	cavity	4	4	4
	Theoretical Output	BPH	2000	2000	2000
	Max mold Thickness	mm	180	180	180
	Space Between Tie Bars	mm	450*400	450*400	450*400
Electrical System	Voltage Standard	V/50Hz	380	380	380
	Number of heating Zone	Sections	4	2	2
	Total Power(Full Loaded)	KW	13	20	20
Container	Max.Container Volume	-	4cav 1.5L	4cav 1.5L	4cav 1.5L
	Neck Diameter Range	mm	15-38	15-38	15-38
	Max.Bottle Diameter	mm	40-100	40-100	40-100
	MaxBottle Height	mm	300	300	300
Auxiliary System	Low pressure air pressure	bar	8-10	8-10	8-10
	High pressure air pressure	bar	25-30	25-30	25-30
	Air Flow Rate	-	1.6/30	1.6/30	1.6/30
Dimension& weight(LxWxH)	Blower	cm	160x80x185	160x80x185	185x80x185
	Oven	cm	205x60x150	160x62x140	160x62x140
	Feeder	-	-	180x140x240	180x140x240
	Net weight	kg	1200	1500	1500

03

5GALLON 20LITER WATER AND 30LITER BEER BUCKET

BJ-100A/ BJ-100B



BJ-100A

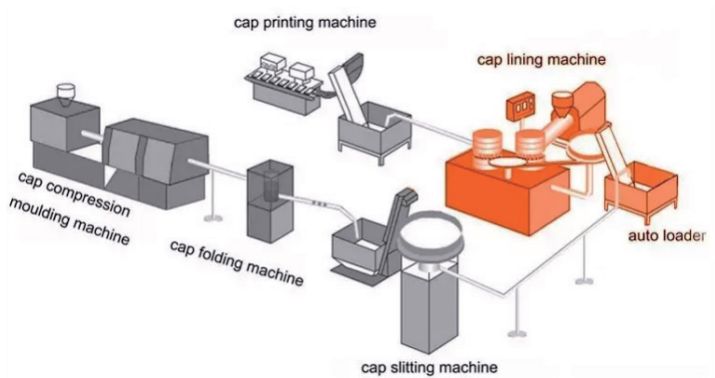
Model	BJ-100A	
Theoretical output	100-120BPH	
Finished bottle	Max. bottle volume	10liter-20liter
	Max. neck diameter	55mm
	Max. bottle diameter	350mm
	Max. bottle height	600mm
Mold specifications	Cavity	1cavity
	Mold thickness	250mm-410mm
	Open stroke	350mm
	Power voltage	380v 50hz or 380v 60hz or 220v 60hz
Electrical system	Installation power	25kw
	Actual power consumption	18kw
Air source	Recommend air compressor	1.6m ³ /min 30Kg
Cooling water	Recommend water chiller	5 HP
Blowing machine size	Length*width*height/weight	2.29*0.77*1.9m/1200kg
Heater size	Length*width*height/weight	2.75*0.69*1.7m/550kg

BJ-100B



Model	BJ-100B	
Theoretical output	100BPH for 400g 20liter pet bottle	
Finished bottle	Max. bottle volume	30liter
	Max. neck diameter	60mm
	Max. bottle diameter	280mm
	Max. bottle height	550mm
Mold specifications	Cavity	1cavity
	Mold thickness	250mm-410mm
	Open stroke	350mm
Electrical system	Power voltage	380v 50hz or 380v 60hz or 220v 60hz
	Installation power	30kw
	Actual power consumption	22kw
Air source	Recommend air compressor	1.6m ³ /min 30Kg
Cooling water	Recommend water chiller	5 HP
Blowing machine size	Length*width*height/weight	2.35*0.9*1.9m/1300kg
Heater size	Length*width*height/weight	2.85*0.75*1.8m/580kg

04 CAP COMPRESSION MACHINE /INJECTION MOLDING MACHINE



Model	BJ -24000	BJ -36000
Production Capacity	18000-22000 pcs/ hour	33000pcs/ hour
Cap Diameter	18-38mm	18-38mm
Cap Height	8-35mm	8-35mm
Cap Material	PP/HDPE/LDPE	PP/HDPE/LDPE
Mold Cavity No.	24	36
Power	3phase, 230v, 50hz	3phase, 230v, 50hz
Installation Power	50kw	65kw
Air Consumption	1.2h ³ /Hr, 1.0Mpa	2.0h ³ /Hr, 1.0Mpa
Machine Dimension	4200*1900*2200mm	4500*2100*2300mm

MODEL NO

U98TS、U118TS、U140TS、U158TS、U168TS、U178TS、U218TS、U238TS、U265TS、U300TS、U368TS、U400TS、U438TS、U508TS、U530TS、U590TS、U780TS、U1080TS、U1280TS、U1400TS、U1680TS



FUNCTION

Injection Unit <<<

Nozzie pld temperature contol/Automatic injection and plasticizing failure detection /Mulfi-stage barrel PID temperature controI.(4 to 7 stages)

Clamping part <<<

Five points double roggel clamping unit/Automatic tuning function

Hydraulic System <<<

Oil suck filrer/Automatic system pressure and flow adjustment

Electrcal System <<<

Input 1 outputinspection function/Automatic heat remaining and automatic heating setting function

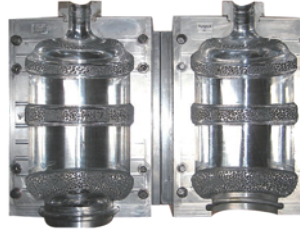
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PREFORM MOLD /CAP MOLD

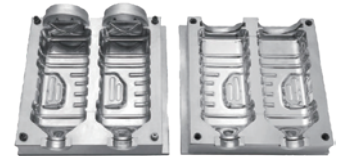




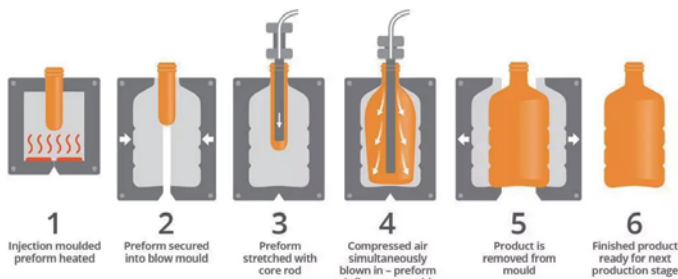
blowing mold



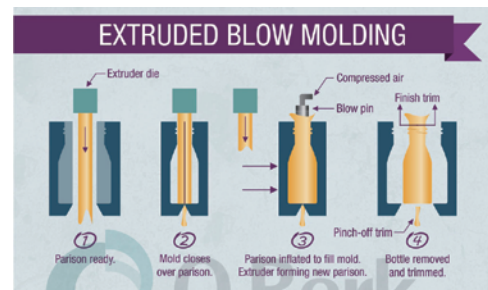
blowing mold



blowing mold



layout 2



blowing mold layout



Low Pressure Air Compressor



High Pressure Air Compressor



Screw Air Compressor



Air Filter



Air Tank



Cooling Tower



Chiller



Dehumidifier



Auto Loader



Color Mixer



Leak Test Machine



Mold Temperature Controller



Air Cooled Dryer



Crusher



Hopper Dryer