



**INDIA'S
Most Advanced
PET Blow Moulding Machines**



About Us

'PET PLAST INDIA' AN ISO 9001:2008 COMPANY, is one of the eminent business entities engaged in manufacturing, supplying and exporting a wide range of PET/PP/PC Blowing Machines (Fully Auto and Semi Auto) and its required Ancillaries.



MEETING ROOM

State of the art manufacturing unit consist 30,000 sq. ft. area which is Strategically located in the machinery manufacturing hub of Faridabad, Haryana, having this we are catering the ever changing needs of the liquid packaging industry all across the Globe.

PET PLAST INDIA has been selected by NSIC, Govt. of India, for installation and supply of PET Bottle Making Plants in their Incubator Centre in Africa Regions, which directly resembles the Quality of products of PET PLAST INDIA. We are a comprehensive partner for companies working in beverage and PET Production industry worldwide.



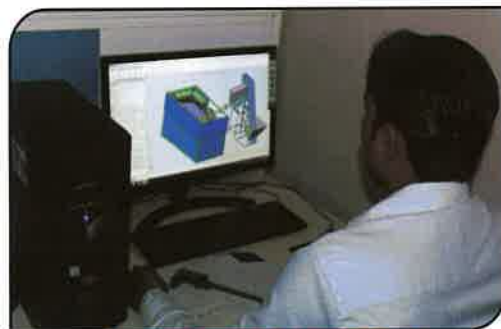
SHOP FLOOR SEMI MACHINE



SHOP FLOOR AUTO MACHINE



CNC TOOL ROOM



INHOUSE DESIGNER



DEDICATED CUSTOMER CARE



IN HOUSE SOLAR POWER

OUR PHILOSOPHY :

- QUALITY** : Each and Every Product, Components are of Best Quality and Precision Work.
- RELIABILITY** : We ensure that Our Products are most Reliable in its class.
- ECONOMY** : The product we offer should be True Value for their Money.

Our continuous efforts ensures to provide less running cost, energy saving feature, faster productivity on our products.

UNIQUE FEATURES

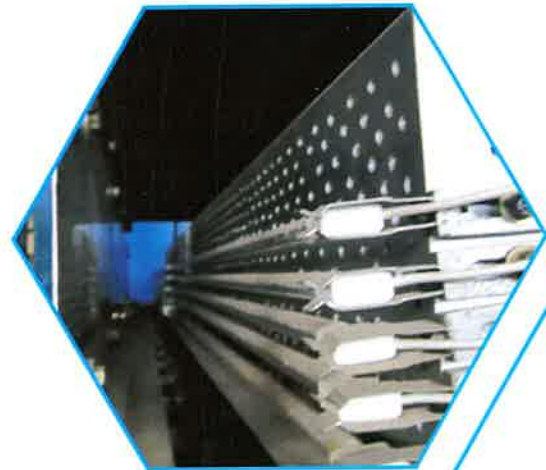
Servo Indexing Ensures High Production

Servo Motor for preform movement in heating area ensures uniform and fast heating hence it increases the production capacity by 30 %



Low Power Consumption

We have designed enclosed heating chamber. We use ceramic coated heaters along with auto temperature controller device which ensures power saving upto 40%.



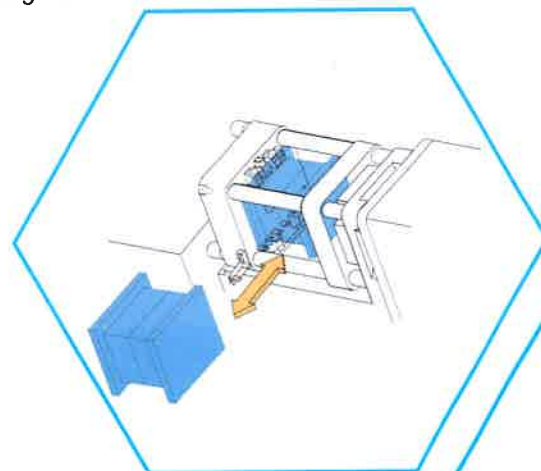
Low Air Required

Air recovery system in machine is available for High pressure recovery at time of blowing.



Easy Mould Change

Our unique system for loading and unloading of mould ensures easy mould change, so reduces mould change time and efforts.



Our Valuable Partners

Mobile Application Based Remote Diagnose Production Chart:

Remote access of machine data enables the manager to have quick and accurate reporting and remotes status of machine.

PET PLAST INDIA can only take remotely access the machine with permission of users to reduce any fault.



Mould Memory:

Machine can store all operating parameters for any given mould upto 50 nos, which reduces mould change time whenever you use same mould again.



Low Maintenance

Indexing is an high accuracy chain. Each element is manufactured on CNC machine. Chain is driven by servo motor which minimizes the maintenance.



UPS Power Backup

UPS Power backup insures zero rejection when power goes off.



Our Valuable Partners



Fully-Automatic Series

With Servo Technology



Suitable for producing PET Bottles in all shapes up to 2000ml capacity with high speed production ranges from 1500BPH to 6000BPH with complete automation. It is widely used for mass production of PET Bottles for Carbonated Drinks/Mineral Water/Liquor/Juices/Oil and Cosmetic products.



TECHNICAL SPECIFICATIONS

ITEM	Model	A-1CB1500	A-2CB2000	A-4CB4000	A-4CB4000B	A-6CB6000
Product Specification	Product Volume	1000 ML	2000 ML	1000 ML	2000 ML	1000 ML
	Theoretical Output	1500 BPH(*)	2500 BPH(*)	4000 BPH(*)	4000 BPH(*)	6000 BPH(*)
	Product Diameter	20-90 mm	20-90 mm	20-80 mm	20-100 mm	20-90 mm
	Product Height	50-350 mm	50-350 mm	50-350 mm	50-350 mm	50-330 mm
	Neck Range Size	10-32 mm	10-32 mm	10-32 mm	10-32 mm	10-32 mm
Moulding	Cavities	1	2	4	4	6
	Clamping Stroke	140 mm	140 mm	120 mm	120 mm	120 mm
	Mould Thickness	200 mm	200 mm	200 mm	200 mm	200 mm
	Stretching Stroke	380 mm	380 mm	380 mm	380 mm	380 mm
Electrical	Electrical System	415 v/50-60Hz 3 Phase				
	Power	18 kw	22 kw	25 kw	25 kw	35 kw
	Use Power	10 kw	14 kw	15 kw	15 kw	20 kw
Air System	Working Pressure	10 bar	10 bar	10 bar	10 bar	10 bar
	Air Consumption (m ³)	1	1.2	2	2	2.4
	Blow Pressure	30 bar	30 bar	30 bar	30 bar	30 bar
	Air Consumption (m ³)	1.6	1.6	3	3	3.5
Cooling Water	Temperature (°C)	10-12	10-12	10-12	10-12	10-12
	Flow Rate	20-30L / min	20-30L / min	20-30L / min	20-30L / min	20-30L / min
Machine	Size (L x W x H) mtr.	2.5 x 1.5 x 1.8	2.5 x 1.5 x 1.8	4.8 x 4.8 x 3.2	4.8 x 4.8 x 3.2	5.0 x 5.0 x 3.2
	Weight	1500 kg	2000 kg	3500 kg	3800 kg	4400 kg
Optional Features		Inline Feed conveyor Direct Bottle to Filling Machine. Mobile App Based Remote Diagnostic Watt - Hour Meter Servo Stretching System Air Recovery System On Line UPS System				

Salient Features

- Fully Pneumatic High Accuracy Precision Work based on toggle system ensures highest production.
- Auto temperature controller ensures most efficient utilization and minimum rejection.
- Touch Screen PLC by Delta / B&R ensures ease use of operation.
- Compact modular design ensure ease to operate and low maintenance cost.
- Provision of Auto Fault detection.
- High Quality Pneumatic from FESTO / PARKER / SMC.
- Electricals are from Shneider, Germany Make.

*Depends on preform size / weight / bottle shape.

**Note : Due to continuous improvement programme by R&D Department, PPI reserves the right to alter specification without any notice.

Fully-Automatic Handfeed Series

With Servo Technology



Speed

Preform Rotation Mechanism is By Magnetic High Speed Servo Motor Ensures Faster Response Enhances Speed By 30% From Other Systems.

Power Saving

Since it Reduces Pneumatic Function So Less Air Consumption Faster Cycle Time & Consumes Less Power



More Reliable

Servo Mechanism has longer MTBF & MTTF Which Makes Machine More Reliable.

Accuracy

Servo Drive is More Accurate All Time Gives Perfection to Each Cycle Hence Rejection is Negligible

Less Maintenance

Servo Mechanism Requires No Maintenance, Removes Other Mechanical Function and Have Less Footprint.



TECHNICAL SPECIFICATIONS

ITEM	Model	UNIT	HA-2CB1000	HAS-2CJ2000	HAS-4CB750	HAS-4CB1000	HAS-6CB250
Product Specification	No. of Cavities	Nos	2	2	4	4	6
	Max Volume	ml	1000	2000	750	1000	250
	Max. Bottle Diameter	mm	90	110	65	90	65
	Neck Size	mm	28-46	28-83	28	28	28
	Production Range*	BPH	1800-2000	1200-2000	3800-4200	3800-4000	5500-6600
Machine Specification	Clamping	Fully Pneumatic Toggle System					
	Clamping Stroke	mm	150	200	150	150	150
	Clamping Force	Ton	16	16	16	16	16
	Preform						
	Movement Mechanism		Pneumatic/Servo	Pneumatic/Servo	Servo System	Servo System	Servo System
	Mould Thickness	mm	200	200	200	200	200
	Connected Power	Kw	24	40	50	50	32
	Used Power	Kw	12 to 14	20-22	20-22	22-25	12
	Dimension(L*W*H)	m*m*m	2.2*1.4*1.8	4.0*1.6*1.7	4.0*1.6*1.7	4.0*1.6*1.7	4.0*1.6*1.7
	Weight (in)	Kg	2200	3200	3200	3500	3600
Air System	Working Pressure	kg/cm ³	10	10	10	10	10
	Working Air Consumption	CFM	35	35	40	45	50
	Blowing Pressure	kg/cm ³	25	25	25	25	25
	Blowing Air Consumption	CFM	35	50	50	60	60
Cooling Water	Temperature Range	OC	10	10	10	10	10
	Flow Rate	L/Min	30	30	40	40	50
Optional Features		Inline Feed conveyor Direct Bottle to Filling Machine. Mobile App Based Remote Diagnostic Watt - Hour Meter Servo Stretching System Air Recovery System On Line UPS System					

Salient Features

- Touch Screen Makes Operation User Friendly.
- UPS Backup System Minimize Rejection And Protection to Pic When Power Goes Off.
- Auto Temperature Controller Ensures Uniform Heating Hence Minimize Rejection.
- Mould Recipe Features Keep Memory of Different Shape of Products.
- Provision of Auto Fault Detection.
- Compact Modular Design Ensure Ease to Operate and Low Maintenance Cost.
- Hi-Quality International Standard Parts

PNEUMATIC (CYLINDER & VALVE)
SERVO DRIVE
PLC
MEGNATIC SENSOR
RELAY
ELECTRICAL SYSTEM

FESTO /SMC
DELTA
DELTA
SMC/FESTO
OMRON
SCHNEIDER, Germany

*Depends on preform size / weight / bottle shape.

**Note : Due to continuous improvement programme by R&D Department, PPI reserves the right to alter specification without any notice.

Semi-Automatic and Auto Drop Series

Suitable for Bottles production to fulfil the requirement of numbers of industries like food beverages / household chemicals / pharmaceuticals/ cosmetics/ mineral water etc.



Salient Features

- Fully pneumatic operation to ensure higher production rate, and low maintenance requirements.
- Advanced Pneumatic control Toggle System for clamping unit ensures Guaranteed Highest Production.
- All movements on linear rail guide system for frictionless movements.
- Frequency conversion, Infrared Heating System, constant temperature maintained by PID controller ensures uniform heating hence minimizes rejections.
- UPS power backup for minimizing rejections.
- Modular design for long life of machine and making it easily maintainable..... and many more

TECHNICAL SPECIFICATIONS

ITEM	Model	UNIT	Racer Model	Racer Plus Auto Drop		
Product Specification	No. of Cavities	pcs	2 Cavity	2 Cavity	4 Cavity	4 Cavity
	Volume Range	ml	1000-2000	100-2000	100-1000	100-2000
	Theoretical Output*	bph	1000-1200	1200-1400	1600-2400	1600-2000
	Neck Size Range	mm	25-28	25-28	25-28	25-28
	Max. Product Diameter	mm	100	100	100	100
	Max. Product Height	mm	360	360	360	360
Machine Specification	Operation	Fully Pneumatic	Fully Pneumatic	Fully Pneumatic	Fully Pneumatic	Fully Pneumatic
	Clamping Force	ton	16	16	16	16
	Clamping Type	Toggle System	Toggle System	Toggle System	Toggle System	Toggle System
	Max. Mold Thickness	mm	200	200	200	200
	Max Stretching Stroke	mm	350	350	350	350
Air System	Working Pressure	bar	10	10	10	10
	Blowing Pressure	bar	30	30	30	30
Cooling Water	Temperature Range	0C	10	10	10	10
	Flow Rate	l/min	50	50	100	100
Power Requirement	Total Power	kw	12	12	12	12
	Actual Power	kw	14	14	14	14

*Depends on preform size / weight / bottle shape.

**Note : Due to continuous improvement programme by R&D Department, PPI reserves the right to alter specification without any notice.