

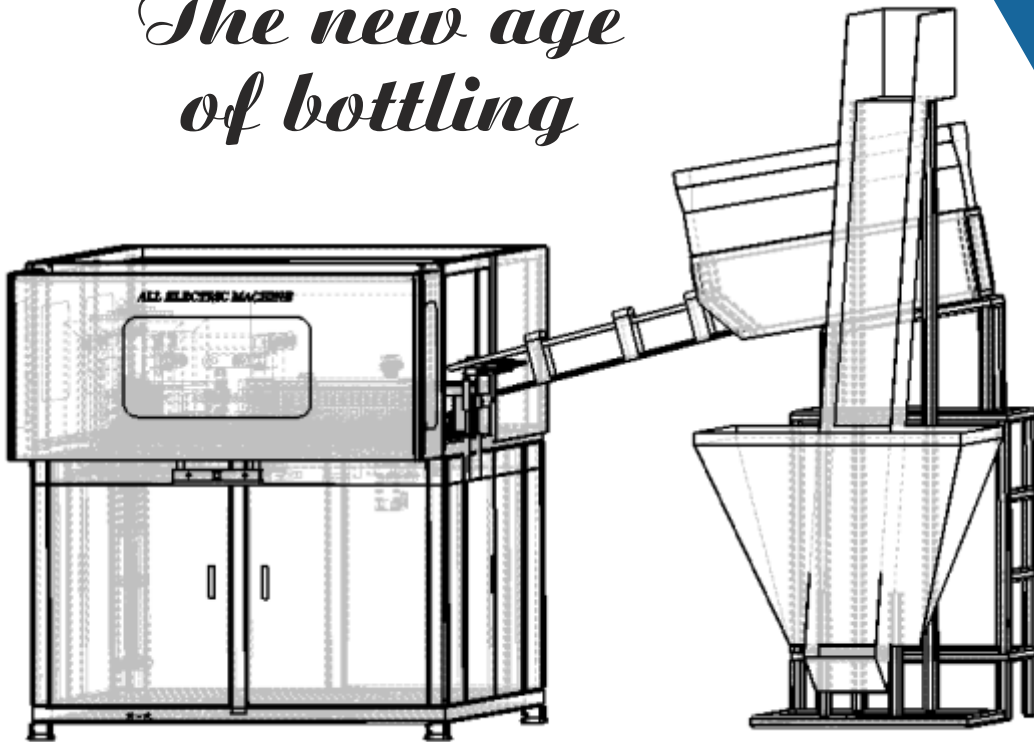


ISO 9001 : 2015 COMPANY



ALL ELECTRIC MACHINES
SERVO TECHNOLOGY

*The new age
of bottling*



INDIA'S
Most Advanced
PET Blow Moulding Machines



About Us

'PET PLAST INDIA' AN ISO 9001:2015 COMPANY is India's leading Pet Blowing machines manufacturer for a decade now and catering to various Liquid packaging industries like Mineral Water Plant, Juices, Edible oil, Liquor, Soft Drinks, Cosmetics, Home Care, and Confectionaries etc. Our Automatic Series are **INDUSTRY 4.0 READY** with all Revolutionary/Innovatory/ Digital/ Ultra Modern features in place. Our Happy Customer across the National and International borders have always been source of Inspiration for us to bring something new every time.

State of the art manufacturing unit consist 50,000 sq.ft. area and expanding which is Strategically located in the machinery manufacturing hub of India; Faridabad, Delhi-NCR, having this we are catering the ever changing needs of the liquid packaging industry all across the Globe.

OUR PHILOSOPHY :

QUALITY : Each and Every Product, components are of best quality and precision work.

RELIABILITY : We ensure that our Product are most reliable in its class.

ECONOMY : The product we offer should be true value for their Money & Most Economic Running Cost.

WHY US ?



DEDICATED CUSTOMER CARE



INHOUSE DESIGNERS



MEETING ROOM



SHOP FLOOR



SPARE PARTS IN STOCK



CNC TOOL ROOM

Salient Features :

All Electric Servo Based

All Major Functions (Indexing, Stretching, clamping) are on Servo Ensures High Production, High Accuracy proved Rejection Free & Maintenance Free Machines.



Low Power Consumption

Servo Technology need no Air hence 80% Low Air of LP, also high speed gives more output together ensures power saving upto 40% in comparison with Pneumatic Machines.



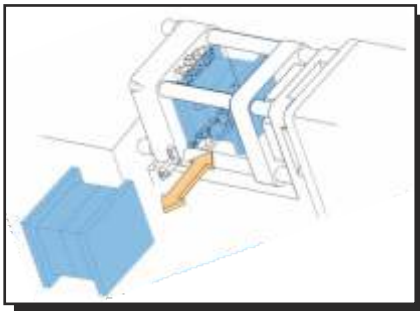
Industry 4.0 Ready Machine

Machines are Internet connected Ready, keep check of Health regularly and has Predictive Maintenance Indicator, Alarm History and all related features which make Machine SMART.



Easy Mould Change

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



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.



Low Air Required

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



Low Maintenance

Indexing is on 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 ensures zero rejection when power goes off.



Our Valuable Partners



Benefit of Servo Technology:

Speed

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

Accuracy

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

Safety

Security monitoring system and various safety features.



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.

Less Maintenance

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

More Speed....More Saving....More Life

Fully Automatic ALL ELECTRIC MACHINE SERIES

- ☞ Multi-Servo Based High Speed All Electric Machines Saves Energy upto 40%
- ☞ INDUSTRY 4.0 READY MACHINE - Machines are Internet Connected Ready.
- ☞ Auto Temperature Controller Maintains Room Temperature so minimizes Rejection.
- ☞ Machine Can store Parameters for 50 Moulds & Unique guide chain so reduces mould Change time.
- ☞ Auto Air Recovery System to Save Low Pressure air Upto 40%. Air Compensation System for Extra Locking.
- ☞ Servo Based Mould Open Close System gives High Production, Zero jerk on machine. Maintenance free long life to Machine.
- ☞ Auto Air Recovery System To Save Low Pressure air Upto 40%.
- ☞ Servo Based Stretch Unit Accuracy for Bottle Faster Production, No PIN Hole Issue.
- ☞ Servo Based Preform Divider System Provides High Accuracy and Speed.
- ☞ Mould Recipe Memory, Event LOG, Hardware Diagnostic, Troubleshoot Guide Software Inbuilt.
- ☞ Auto Lubrication System. Provision of Autofault Detection.



TECHNICAL SPECIFICATIONS**

Model	UNIT	AE-2CB3200	AE-4CB5400	AE-6CB6600	AE-6CB7500	AE-8CB10500
Cavity	PCS	2	4	6	6	8
Neck Size	MM	25-28	25-28	25-28	25-28	25-28
Volume Range	ML	1000	1000	1000	750	500
Production* (500 ml)	BPH	3200	5400	6600	7500	11000
Clamping force	Nm	12.5	12.5	15	15	15
Clamping type	SERVO BASED					
Stretching System	SERVO BASED					
Indexing Operation	SERVO BASED					
Working Pressure	BAR/CFM	10/20	10/30	10/50	10/45	10/75
Blowing Pressure	BAR/CFM	32/85	32/130	32/150	32/150	32/275
Total Load	KW	36	45	62	62	96
Running Load	KW	18	25	40	28	48
Optional Features	Inline Feed conveyor Direct Bottle to Filling Machine.					
	Mobile App Based Remote Diagnostic					
	Watt - Hour Meter					
	Air Recovery System					
	On Line UPS System					

*Depends on preform size/weight/bottle shape. **Note : Due to continuous improvement programe by R&D Department, PPI reserves the right to alter specification without any notice.

Fully Automatic Series With Servo Technology



- ☞ INDUSTRY 4.0 READY MACHINE - Machines are Internet Connected Ready.
- ☞ Remote Diagnosis System through mobile application for machine diagnosis
- ☞ Extra locking- special air compensation system ensures that mould is fully locked
- ☞ Servo Indexing Ensures 20%-30% Higher Production and less Maintenance
- ☞ Event Log system- to keep one month data of Fault/Event with troubleshooting guideline
- ☞ Low Air Required:-Air Recovery System saves up to 50% Ip air
- ☞ Low power consumption with (ATC) Auto Temperature Control System
- ☞ Easy Maintenance- each element is manufactured on CNC/VMC Machine
- ☞ Provision of Auto Fault Detection.

TECHNICAL SPECIFICATIONS**

Model	UNIT	A-2CBSB2000	A-4CSB4000	A-6CSB6000
Cavity	PCS	2	4	6
Neck Size	MM	25-28	25-28	25-28
Volume Range	ML	2000	1000	1000
Production* (500 ml)	BPH	2600	4600	6600
Clamping force	TON	16	16	16
Clamping type	FULLY PNEUMATIC TOGGLE SYSTEM			
Indexing Operation	SERVO ELECTRIC SYSTEM			
Working Pressure	BAR/CFM	10/30	10/40	10/60
Blowing Pressure	BAR/CFM	25/75	32/120	32/180
Total Load	KW	24	40	56
Running Load	KW	12	22	28



Fully Automatic Handfeed Series

- ☞ Highest production 6 cavity 6000 BPH guaranteed
- ☞ Remote diagnosis system through mobile application for machine diagnosis
- ☞ Servo indexing Ensures 20%-30% higher production and less maintenance
- ☞ Event log system- memory to keep one month data of fault/event, online troubleshooting guide
- ☞ Predictive Maintenance Indicator ensures zero maintenance required to make Machine SMART.
- ☞ Low power consumption with (ATC) Auto Temperature Control System
- ☞ Easy Maintenance- each element is manufactured on CNC/VMC Machine
- ☞ Provision of Auto Fault Detection.



TECHNICAL SPECIFICATIONS**

Model	UNIT	HFS-2CB1000	HF2C-J2000	HFS-4CB4000	HFS-6CB6000
Cavity	PCS	2	2	4	6
Neck Size	MM	28-46	28-83	28-46	28-32
Volume Range	ML	1000	2000 (Jar)	1000	750
Production* (500 ml)	BPH	2200	2000 (Jar)	4200	6000
Clamping force	TON	16	16	16	16
Clamping type	FULLY PNEUMATIC TOGGLE SYSTEM				
Indexing Operation	SERVO ELECTRIC SYSTEM				
Working Pressure	BAR/CFM	10/20	10/25	10/36	10/40
Blowing Pressure	BAR/CFM	30/55	30/70	30/110	30/120
Total Load	KW	22	40	38	35
Running Load	KW	12	20	20	16

*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 Auto & Auto Drop Series



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.
- ☞ Mould on **Linear Rail Guide System** for frictionless & Jerkless 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
- ☞ Automatic Control Temperature in Order to save your manpower.
- ☞ East to mould changing system with chain.

RACER / SUMO & JUMBO SERIES

TECHNICAL SPECIFICATIONS**

Model	UNIT	RACER	SUMO	JUMBO
Cavity	PCS	2	2	1
Neck Size	MM	25-28	28-120	46-83
Volume Range	ML	50-2000	50-7000	10000-20000
Production* (500 ml)	BPH	1000-1200	400-1000	100
Clamping force	TON	16	16	32
Clamping type	TOGGLE SYSTEM			
Operation	FULLY PNEUMATIC			
Working Pressure	BAR	10	10	10
Blowing Pressure	BAR	30	30	30
Required Power	KW	14	18	24
Consumption Power	KW	12	12 to 15	18 to 20



AUTO DROP SERIES

TECHNICAL SPECIFICATIONS**

Model	UNIT	AUTODROP		
Cavity	PCS	2	4	4 (Flexi)
Neck Size	MM	25-28	25-28	25-120
Volume Range	ML	50-2000	50-2000	50-5000
Production* (500 ml)	BPH	1200-1500	1600-2400	600-2000
Clamping force	TON	16	16	16
Clamping type	TOGGLE SYSTEM			
Operation	FULLY PNEUMATIC			
Working Pressure	BAR	10	10	10
Blowing Pressure	BAR	30	30	30
Required Power	KW	14	14	14
Consumption Power	KW	12	12	12



*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.



BOTTLE & JAR DESIGNING

We Provide Bottle and Jar designing services from simple to most complex design of any volume range, We understand customer's demand, analyze feasibility of design and acceptability of design in the market. We use latest 3D CAD designing software to increase design and productivity with advanced photorealistic rendering, automated cost estimation, Professional collaboration capabilities automated design and drawing checking features to meet requirements of customers.

PET & PREFORM MOULDS

Our Mould Manufacturing unit has an advanced setup of CNC/VMC/EDM machines of HAAS and HARTFORD make for manufacturing Superior quality mould Base and mould inserts using Best Quality of Raw Material. The finished mould base and inserts are assembled in a dust proof assembly are and further tested for functionality and performance. Our in-house Quality Testing Center is equipped with necessary resources and equipment for Preform / bottle Testing. 3D Profile Projectors for in-process checks and end product testing.

TURN KEY PROJECTS

Turnkey project execution is the flagship of the Pet Plast India Group and we have successfully executed many plants. We are proud to have customers from across Globe. We not only deliver quality products but also facilitate staff assistance providing staff assistance for smooth operation and handover of the plant. We carefully study requirements of our customer and then our expert team of professionals put their best effort to make sure successful execution of entire process.

Our emphasis in order to provide Turnkey is to ensure that our customer must grow by using our product and services. We help our customer to convert their Dreams in to Reality....

Fruit Juice Plant



Cold Drink Plant



Mineral Water Plant



OUR FEW VALUABLE CLIENTS



Jamia Millia Islamia



AWARD & CERTIFICATIONS



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