



ISO 9001 : 2015 COMPANY

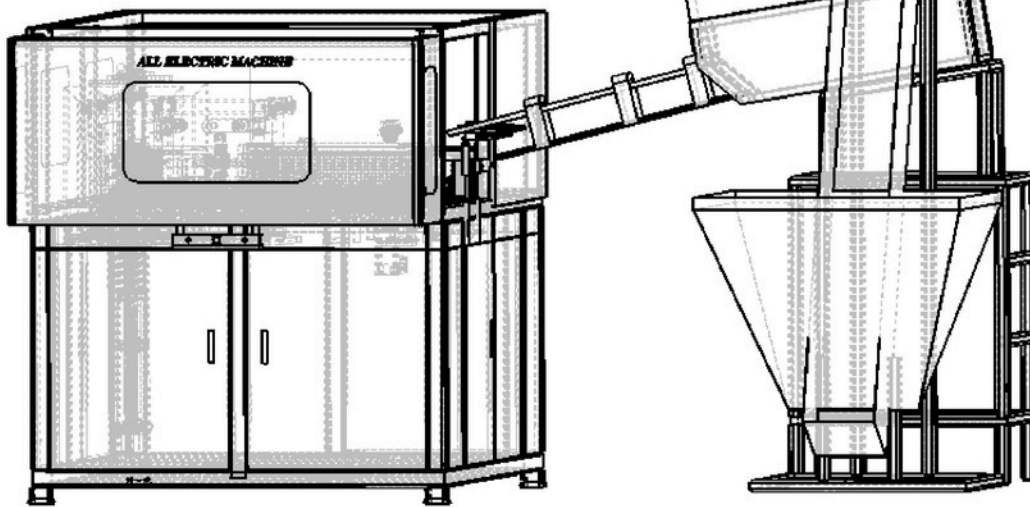


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ALL ELECTRIC MACHINES
SERVO TECHNOLOGY

*The new age
of bottling*



For Video



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

State of The Art Manufacturing Units



Unit 1



Unit 2

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 90,000 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.

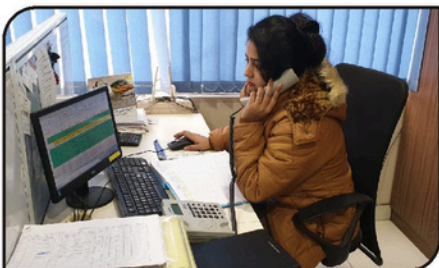
OUR PHILOSOPHY :

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



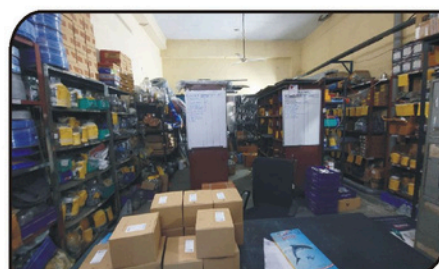
INHOUSE DESIGNERS



MEETING ROOM



SHOP FLOOR



SPARE PARTS IN STOCK



CNC TOOL ROOM

Salient Features :

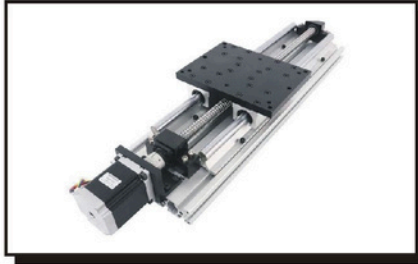
All Electric Servo Based

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 needs No Air hence 40% Low Air of LP, also high speed gives more output together ensures power saving upto 40% in comparison with Pneumatic Machines.



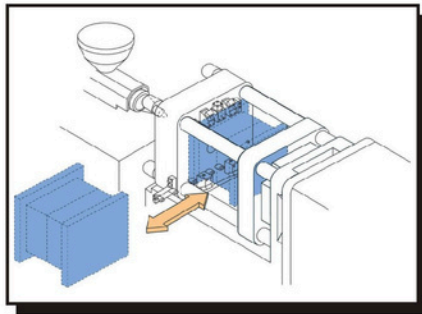
Industry 4.0 Ready Machine

Internet Ready, keep check of Health regularly, Predictive Maintenance Indicator, Alarm History and 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.



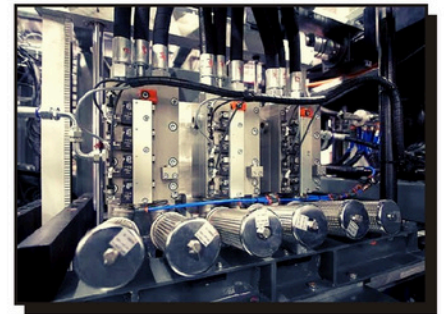
Mobile Application Based Remote Diagnose Production Chart:

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 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



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 Semi Rotary Series With SERVO Technology

- 

ULTRA HIGH PRODUCTION
Fully Electric Model for High-Speed and Stable Operation, Precise Control of Preform Forming, Allowing 8-Cavity Production Capacity To Reach up to 12,500 BPH.
- 

ENERGY SAVING
Heater Distance in the Heating Oven is Minimized to 37mm, Compared With the Conventional Heating Oven, It Saves More Than 30% Electricity Consumption. Equipped with the Air Cycling System and Redundant Heat Discharge System, It Ensures the Constant Temperature in the Heating Zone.
- 

NO VIBRATION & LOW NOISE
With Precision Robust Structure and All Electric Makes it More Smooth While All Movements on Rail Guide System Together Makes it Literally Vibration Free Machine.
- 

INDUSTRY 4.0 READY MACHINE
Machine are Internet Connected and have Auto Lubrication System with the Provision of Auto Fault Detection.
- 

SPECIFIED INDUSTRY
Perfectly Suits for 120 BPM to 360 BPM All Beverages Industries Like Water, Juice, Soft Drinks, County Liquor, Edible Oil Etc.



For Video



For Video

Technical Specifications**

Model	Unit	SR-4SB7200	SR-6SB9000	SR-8SB12500
Cavity	CAV	4	6	8
Neck Size	MM	25 - 28	25 - 38	25 - 28
Volume Capacity	ML	1500	1500	500
Production* (500 ml)	BPH	7200	10500	12500
Clamping Force	TON	32	32	32
SERVO Electric System	ALL MAJOR OPERATIONS ON SERVO MOTORS (5 SERVO)			
Working Pressure	BAR/CFM	10/30	10/40	10/40
Blowing Pressure	BAR/CFM	32/180	32/225	32/225
Total Load	kw	85	89	89
Running Load	kw	40	50	55

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

Fully Automatic All Electric Machine Series With SERVO Technology



HIGHER PRODUCTION

Fully Electric Model for High-Speed and Stable Operation, Precise Control of Preform Forming, Allowing 8-Cavity Production Capacity To Reach up to 10800 BPH



ENERGY SAVING

Major Functions are on Servo Motor Which Saves More Than 40% Electricity Consumption. Equipped with the Air Cycling System and Redundant Heat Discharge System, It Ensures the Constant Temperature in the Heating Zone.



NO VIBRATION & LOW NOISE

With Precision Robust Structure and All Electric Makes it More Smooth While All Movements on Rail Guide System Together Makes it Literally Vibration Free Machine.



INDUSTRY 4.0 READY MACHINE

Machine are Internet Connected and have Auto Lubrication System with the Provision of Auto Fault Detection.



SPECIFIED INDUSTRY

Perfectly Suits for 60 BPM to 300 BPM All Beverages Industries Like Water, Juice, Soft Drinks, County Liquor, Edible Oil Etc.



For Video
8 Cavity



For Video
6 Cavity



For Video
2 Cavity



For Video
4 Cavity

Technical Specifications**

Model	UNIT	AE-2CB3200	AE-4CB6000	AE-6CB7200	AE-6CB8000	AE-8CB10800
Cavity	CAV	2	4	6	6	8
Neck Size	MM	25-28	25-28	25-28	25-28	25-28
Volume Capacity	ML	1000	1000	1000	750	500
Production* (500ml)	BPH	3600	6000	7200	8000	10800
Clamping Force	NM	12.5	20	36	36	36
Clamping type	SERVO BASED/PNEUMATIC					
Stretching System	SERVO BASED					
Indexing Operation	SERVO BASED					
Preform Loading	SERVO BASED					
Working Pressure	BAR/CFM	10/30	10/30	10/50	10/45	10/75
Blowing Pressure	BAR/CFM	32/95	32/160	32/190	32/200	32/275
Total Load	KW	36	45	62	62	96
Running Load	KW	18	25	40	28	48
Optional Features	Inline Feed Conveyor Attachment (Direct Bottle to Filling Machine).					
	Mobile App Based Remote Diagnostic					
	Watt - Hour Meter (Energy Monitoring System)					
	Air Recovery System, Air Compensation System					
	On Line UPS System					

*Depends on preform size/weight/bottle shape. **Note : Due to continuous programme by R&D Department, PPI reserve the rights 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 long 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 Fault Detection.



TECHNICAL SPECIFICATIONS



For Video



Model	UNIT	A-2CBSB2400	A-4CSB4200	A-6CSB6000
Cavity	CAV	2	4	6
Neck Size	MM	25-28	25-28	25-28
Volume Capacity	ML	1000	1000	1000
Production * (500ml)	BPH	2400	4200	5600
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



For Video

Fully Automatic Handfeed Bottle 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 ensure 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-1CB1000	HFS-2CB1000	HFS-4CB4000	HFS-6CB6000
Cavity	CAV	1	2	4	6
Neck Size	MM	19-28	28-46	28-46	28-32
Volume Capacity	ML	1000	1000	1000	750
Production	BPH	1600	2000	4200	6000
Clamping force	TON	12.5	16	16	16
Clamping type	FULLY PNEUMATIC TOGGLE SYSTEM				
Indexing Operation	SERVO ELECTRIC SYSTEM				
Working Pressure	BAR/CFM	10/22	10/20	10/36	10/40
Blowing Pressure	BAR/CFM	25/44	30/55	30/110	30/120
Total Load	KW	24	22	38	35
Running Load	KW	14	12	20	16

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

Special Mini Auto With SERVO Technology



For Video
Single Cavity
Bottle



ENERGY SAVING

- Redundant Heat Discharge system
- Air Recycling System
- SERVO Based



HIGH SPEED

- SERVO Based
- No Wastage
- 1600 BPH



ECONOMY

- Mould Cost Very less
- Air Recovery System
- Low Running Cost



NO MAINTENANCE

- Auto Lubrication System
- Less Pneumatic
- No Vibration



EASY OPERATION

- 15 Minute Mould Change
- Upto 50 Mould Recipe
- Touch PLC Display



INDUSTRY 4.0 READY

- Remote Diagnostic System
- Auto Fault Detection
- Production Chart
- Alarm History

Fully Automatic Handfeed Jar Series



For 2 Cavity
Jar Video

- Automatic Jar Machines Covers All Range with High Production, High Quality, Less Labour and Minimum Rejection
- Servo Indexing Ensures 20%-30% Higher Production and Less Maintenance
- 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	JAR -1 CAV	JAR -2 CAV	JAR -2 CAV (10L)	JAR -1CAV (20L)
Cavity	CAV	1	2	2	1
Neck Size	MM	46-120	46-96	46	46-83
Volume Capacity	ML	5000	2500	5Lt To 12Lt	20 Lt
Production	JPH	1200	2400	1000	250
Clamping Force	NM	12.5	12.5	40	40
Stretching Type	SERVO ELECTRIC SYSTEM / FULLY PNEUMATIC				
Indexing Operation	SERVO ELECTRIC SYSTEM				
Working Pressure	BAR/CFM	10/30	10/30	10/30	10/30
Blowing Pressure	BAR/CFM	25/60	25/72	32/110	32/110
Total Load	KW	24	24	60	72
Running Load	KW	16	16	32	40

Semi Auto & Auto Drop Series



For Video

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
- ☞ **Automatic Control Temperature** in order to save your man power.
- ☞ Easy to mould changing system with chain in order to save time.

RACER / SUMO & JUMBO SERIES

TECHNICAL SPECIFICATIONS

Model	UNIT	RACER	SUMO	JUMBO
Cavity	CAV	2	2	1
Neck Size	MM	25-28	28-120	46-83
Volume Capacity	ML	50-2000	50-7000	10000-20000
Production	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



For Video

AUTO DROP SERIES

TECHNICAL SPECIFICATIONS

Model	UNIT	AUTODROP		
Cavity	CAV	2	4	4
Neck Size	MM	25-28	25-28	25-28
Volume Capacity	ML	50-2000	50-2000	50-5000
Production	BPH	1200-1500	1600-2000	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



For Video

Automatic Aseptic Standard Cartons Bricks Filling Machine

- Great appearance, nicely workmanship, using high quality steel for food uses, ensure the equipment life.
- Packaging molding stability, adapt to various manufacturers of packaging materials, ensure that the benefits of all users.
- Low loss rate packaging materials, ensure economic efficiency of our customers.
- Precise measurements, low power consumption, saving manpower, very simple operation.
- Large-screen interface, real human-computer interaction.
- Each part of the components are made of well-known brands, the core components of all the world-class brand.
- Advanced aseptic system through multiple protection environments and products.
- Life time after-sales system to ensure that customers no worries.
- Easy maintenance and low maintenance cost.
- CE certificate and all high quality electronic parts.



For Video Juice



For Video Liquor

Technical Specifications**

Model	Unit	TP- 3800	G2A-7500
Packing Form		6 Layer Paper cum Aluminum Laminated Brick Shape	
Production Capacity	PACK/HR	3800	7500
Filling Volume	ML	100/160/180/200/250	
Dimensions	MM	4000×1800×4200	5212x2895x3660
Weight	KG	2400	4500
Power Supply	HZ	380v50	
Power	KW	18	24
Compressed Air		3m3/min(0.8Mpa)	
Hydrogen Peroxide		0.5-0.7 L/hr, Type- 35% Aseptic grade	
Operating System		Motion Controller, Human-Machine Interface	

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

One Stop Turnkey Solutions



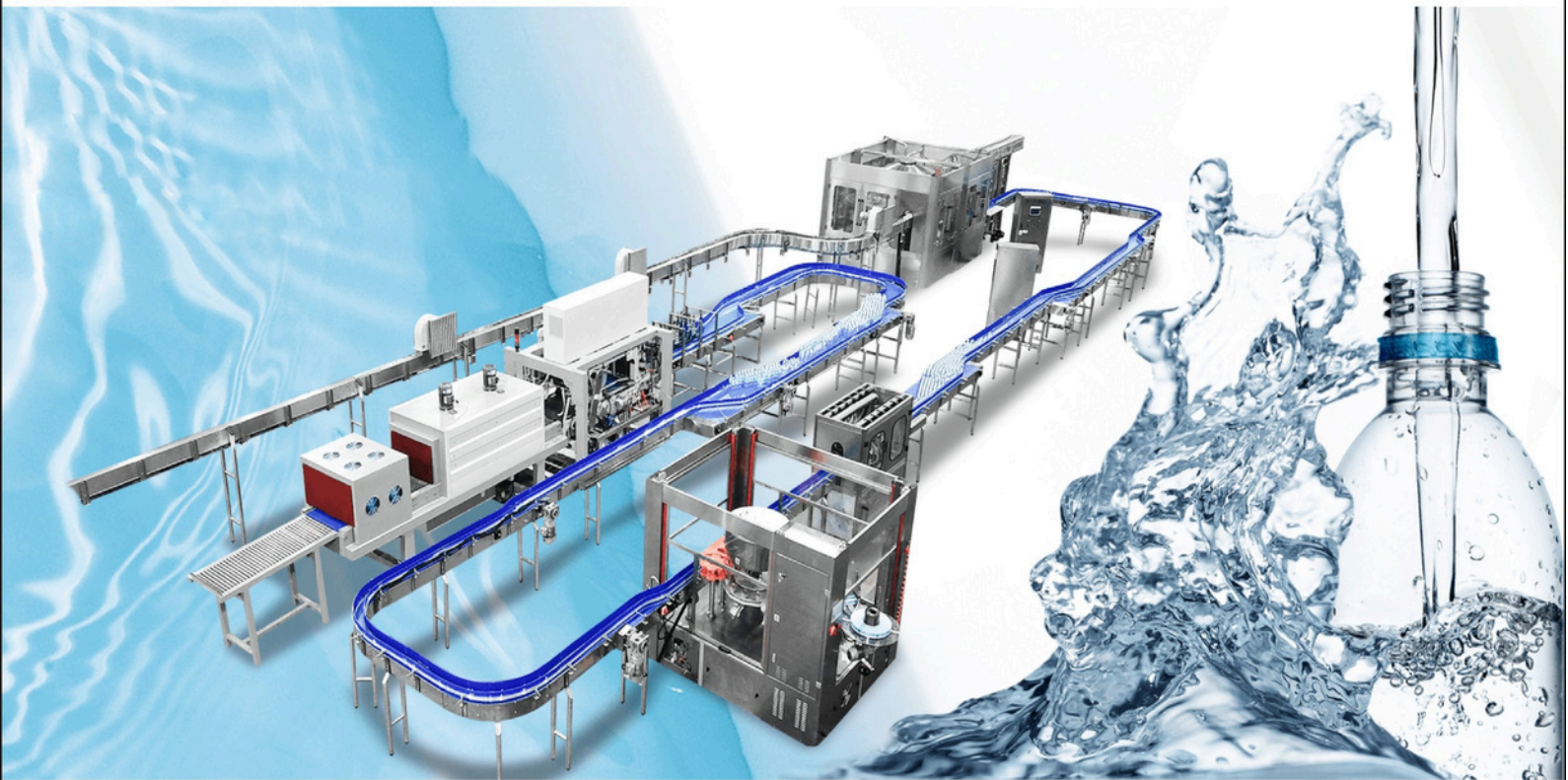
For Video
Juice Plant



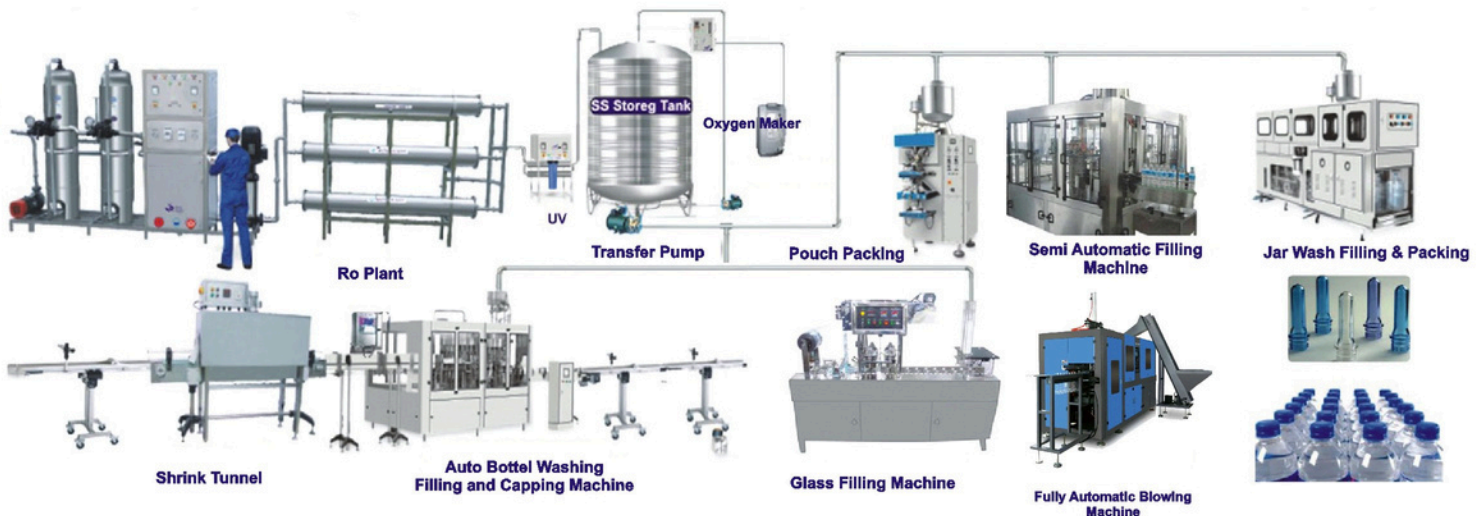
For Video
Water Plant

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 for smooth operation and handover of 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....



Mineral Water Plant



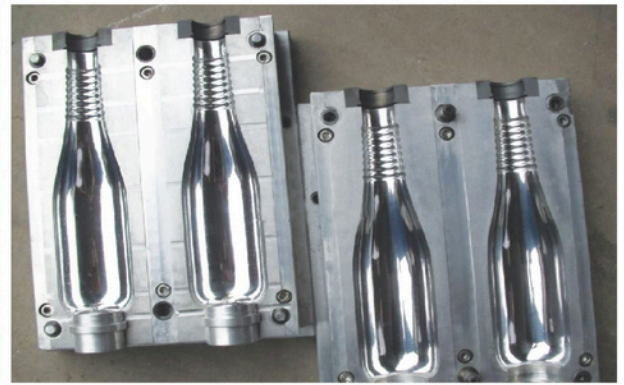
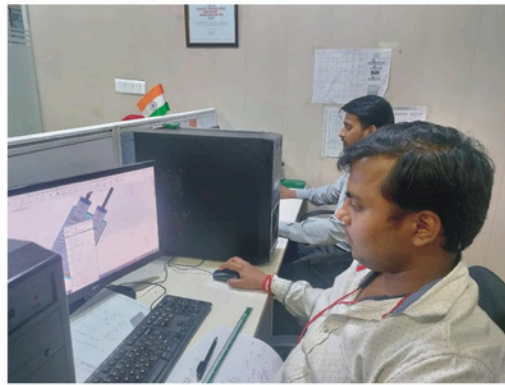
Fruit Juice Plant



Cold Drink Plant



DESIGNING BOTTLE & JAR PET MOULDS



Designing of final Product packaging of PET Bottles and PET Jars are one of the most important criteria in our industry. PET PLAST INDIA inhouse design team is well equipped to shape our customers design need by help of specialized software like Solid works i.e., a designing software. We understand customer's demand, analyze feasibility of design and acceptability of design in the market. We guarantee that only the best materials and cutting-edge technology are used by our experts, together with ultra-modern apparatus, in the production of their products.

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.



For Video
Mould



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.

OUR FEW VALUABLE CLIENTS



AWARD & CERTIFICATIONS



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