



INDIA'S Most Advanced Pet Blow Moulding Machines



ABOUT US

We, "PET PLAST INDIA INC." AN ISO 9001:2008 COMPANY, are 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.

Strategically located in the machinery manufacturing hub of Faridabad, Haryana, we are catering the ever-changing needs of the industry not only in India but all across the World.

PET PLAST INDIA has been selected by NSIC, Govt. Of India, for installation and supply of PET Bottle Making Plants in Their Incubator Center for Export in Africa Regions, which directly resembles the Quality of products of PET PLAST INDIA.

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.

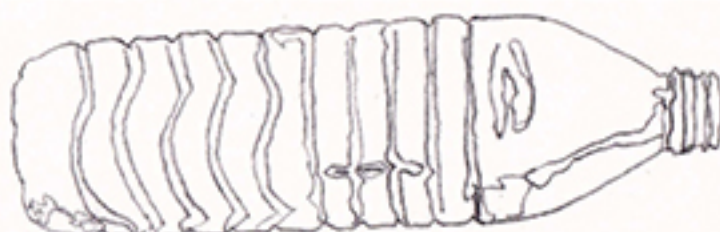
Our continuous efforts ensures to provide less running cost, energy saving feature, faster productivity and minimize breakdown on our products.

RESEARCH & DEVELOPMENT:

Dedicated to Research and Development we ensure continuous improvement of product range we offer, using advance CAD/CAM software, tools and machinery we keep on improving and innovating. With a well organised and efficient Research and Development platform we are able to launch new products with in short period of time.

TEAM WORK SPIRIT:

Focused on our philosophy PET PLAST INDIA aspire that their act pursuit to reach certain height and ahead of their market.



GROW
YOUR BUSINESS
WITH US !



INDIA'S
Most Advanced
Pet Blow Moulding Machines



WE OFFER

- ⇒ Fully Automatic PET / PP Blow Molding Machine.
- ⇒ Semi Automatic PET/ PP Blowing Machine.
- ⇒ Partialy Automatic PET Blowing Machine.
- ⇒ Turnkey Solutions And Consultancy For Beverage Plants.
- ⇒ Shrink Wrap Carton Making Machine.
- ⇒ Ancillaries For Pet Blowing Machines.
- ⇒ LED Bulb PC Globe Blowing Machine.

Compressors | Water Chiller | Pet Moulds
Refrigerator air dryer | Cooling Towers



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Fully-Automatic Blow-Moulding Machine

Suitable for producing PET Bottles/ Containers in all shapes up to 6000ml 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.

Silent Features :

- Fully Pneumatic High Accuracy Precision work based on toggle system ensures highest production.
- Auto temperature controller ensures most efficient energy utilization and minimum rejection.
- Touch screen PLC by Delta 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 Schneider, Germany Make.



T e c h n i c a l S p e c i f i c a t i o n s	ITEM	MODEL	A-1CB1500	A-2CB2000	A-3CB3000	A-4CB4000	A-6CB6000	A-1CK600
		Product Volume	1000 ML	2000 ML	1000 ML	1000 ML	1000 ML	6000 ML
		Electrical System	415 v/50-60Hz 3 Phase					
Moulding	Power	18 kw	30 kw	40 kw	50 kw	60 kw	35 kw	
	Use Power	10 kw	16 kw	20 kw	30 kw	38 kw	15 kw	
	Cavities	1	2	3	4	6	1	
	Clamping Stroke	140 mm	140 mm	125 mm	120 mm	120 mm	200 mm	
	Mould Thickness	160 mm	200 mm	180 mm	160 mm	160 mm	260 mm	
	Stretching Stroke	410 mm	410 mm	360 mm	370 mm	370 mm	450 mm	
Product	Theoretical Output	1500 BPH(*)	2500 BPH(*)	3000 BPH(*)	4000 BPH(*)	6000 BPH(*)	800 JPH(*)	
	Product Diameter	20-90 mm	20-105 mm	20-80 mm	20-80 mm	20-80 mm	100-180 mm	
	Product Height	50-350 mm	50-350 mm	50-350 mm	50-330 mm	50-330 mm	50-400 mm	
	Neck Range Size	10-32 mm	10-32 mm	10-32 mm	10-32 mm	10-32 mm	28-150 mm	
Air System	Working Pressure	10 bar	10 bar	10 bar	10 bar	10 bar	10 bar	
	Air Consumption (m ³)	1	1.2	1.6	2	2.4	1.2	
	Blow Pressure	30 bar	30 bar	30 bar	30 bar	30 bar	30 bar	
	Air Consumption (m ³)	1.2	1.6	1.2	3	3.5	1.2	
Cooling Water	Temperature (°C)	5-10	5-10	5-10	5-10	5-10	5-10	
	Flow Rate	20-30L / min	20-30L / min	20-30L / min	20-30L / min	20-30L / min	20-30L / min	
Machine	Size (L x W x H) mtr.	1.4 x 2.0 x 1.8	2.6 x 2.0 x 1.9	3.1 x 1.5 x 2	3.8 x 2.2 x 1.9	3.8 x 2.2 x 1.9	2.8 x 2.2 x 1.9	
	Weight	1500 kg	2000 kg	2200 kg	3500 kg	4400 kg	2000 kg	

*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 Blow-Moulding Machine**



Sailent Features:

- High Accuracy Precision work ensures smooth operations.
- Touch screen makes operating user friendly.
- Frequency conversion, constant temperature and layered heating system ensures uniform heating hence minimizes rejections.
- Provision of Auto Fault Detection.
- Compact modular design ensure ease to operate and low maintenance cost.
- Auto temperature controller ensures minimum rejection.
- Suitable for Liquor/Packaged/Drinking Water/Juice/Edible oil/Softdrink/Cosmetics/Pharma Industries etc.

T e c h n i c a l S p e c i f i c a t i o n s	ITEM	Model	UNIT	HA-1CB1200	HA-2CB2000
			Max. Volume	L	1
Product Specification		No. of Cavities	pcs	1	2
		Max. Bottle Diameter	mm	100	100
		Max. Bottleheight	mm	280	340
		Max. Neck Size	mm	46	46
		Theoretical Output *	bph	1200	2000
	Machine Specification		Clamping Stroke	mm	125
		Mold Thickness	mm	180	180
		Total Power	kw	15	18
		Actual Power	kw	5 to 8	8 to12
		Dimensions (LXWXH)	meter	2.3*1.3*1.8	3.1*1.5*2
		Weight	kg	1000	2200
Air System		Working Pressure	bar	10	10
		Working Air Consumption	cfm	20	25
		Blowing Pressure	bar	30	30
		Blowing Air Consumption	cfm	25	40
Cooling Water		Operating Pressure	bar	5 TO 10	5 TO 10
		Temperature Range	°C	10	10
		Flow Rate	L/min	20	30

*Depends on preform size / weight / bottle shape.

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Suitable for Bottles and Jar production to fulfill the requirement of numbers of industries like food beverages / household chemicals/pharmaceuticals / cosmetics/minral water etc.

Sailent 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.
 - Separate low pressure and high pressure line for efficient energy utilization.
 - High accuracy precision work ensures smooth operation .
 - 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.



T e c h n i c a l S p e c i f i c a t i o n s	ITEM	MODEL	UNIT	RACER	SUMO PET	SUMO PP/PC	JUMBO	
	Product Specification	Volume Range		ml	50-2000	100-7000	50-1000	10000-20000
		No. of Cavities		pcs	2	2	2	1
		Max. Product Diameter		mm	100	180	180	300
		Max. Product Height		mm	360	360	360	500
		Neck Size Range		mm	20-32	25-120	25-46	46-83
		Theoretical Output *		bph	800-1200	400-800	400-800	100
	Machine Specification	Clamping Force		ton	16	16	16	32
		Operation		Fully Pneumatic	Fully Pneumatic	Fully Pneumatic	Fully Pneumatic	Fully Pneumatic
		Clamping Type		Toggle System	Toggle System	Toggle System	Toggle System	Toggle System
		Max Mold Thickness		mm	200	250	250	320
		Max Stretching Stroke		mm	350	350	350	450
		Total Power		kw	12	18	18	24
Actual Power			kw	8 to 10	12 to 16	12 to 16	18-22	
Air System	Working Pressure		bar	10	10	10	10	
	Blowing Pressure		bar	30	30	30	30	
Cooling Water	Operating Pressure		bar	5 TO 10	5 TO 10	5 TO 10	5 TO 10	
	Temperature Range		°C	10	10	10	10	
	Flow Rate		l/min	20	30	30	30	

*Depends on preform size / weight / bottle shape.

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Partial-Automatic Blow-Moulding Machine

These Machine are Suitable for high production of PET Bottles for Liquor / Mineral Water / Fruit Juice / Pharmaceuticals / Cosmetics Industries etc. at low initial cost and with unskilled men power.

Salient Features :

- Fully pneumatic operation to ensure higher production rate, and low maintenance requirements.
- Advanced Pneumatic control Toggle System for clamping unit ensures highest productivity.
- High accuracy precision work ensures smooth operation.
- All movements on HIWIN, Taiwan Make linear rail guide system for frictionless movements.
- Frequency conversion, Infrared Heating System ,constant temperature maintained by PID controller and ensures uniform heating hence minimizes rejections.
- UPS power backup for minimizing rejections.
- Modular design for long life of machine and making it easily maintainable.
- Easy to operate due to Auto Drop Features.



T e c h n i c a l S p e c i f i c a t i o n s	ITEM	MODEL	UNIT	RACER PLUS AUTO DROP				RACER TWIN SERIES
	Product Specification	No. of Cavities		pcs	2 Cavity	2 Cavity with Auto Load	4 Cavity	4 Cavity
Volume Range			ml	100-2000	100-1000	100-1000	100-2000	500-2000
Theoretical Output *			bph	900-1200	1400-1800	1600-2400	1600-2000	1600-2000
Neck Size Range			mm	25-28	25-28	25-28	25-28	25-28
Max. Product Diameter			mm	100	100	100	100	100
Max. Product Height			mm	360	360	360	360	360
Machine Specification	Operation		Fully Pneumatic	Fully Pneumatic	Fully Pneumatic	Fully Pneumatic	Fully Pneumatic	Fully Pneumatic
	Clamping Force		ton	16	16	16	16	16
	Clamping Type		Toggle System	Toggle System	Toggle System	Toggle System	Toggle System	Toggle System
	Max Mold Thickness		mm	200	200	200	200	200
	Max Stretching Stroke		mm	350	350	350	350	350
Air System	Working Pressure		bar	10	10	10	10	10
	Blowing Pressure		bar	30	30	30	30	25
Cooling Water	Temperature Range		°C	10	10	10	10	10
	Flow Rate		l/min	50	50	100	100	100
Power Requirements	Total Power		kw	12	12	12	12	12
	Actual Power		kw	14	14	14	14	14

*Depends on preform size / weight / bottle shape.

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TURN KEY PROJECTS :

Turnkey project execution is the flagship business of the Pet Plast India Group and we have successfully executed many plants we are proud to have customers from all around the world benefitted from our turnkey solutions. As the name suggest, turnkey project execution involves end to end responsibility from concept to commissioning to providing staff assistance for smooth operation and handover of the plant . we carefully study requirement of our customer and then our expert team of professionals put their best effort to make sure successful execution of entire process.

Some major turnkey project cater by us are:

- PET/PP BOTTLE/JAR Making Plant
- LED Bulb Globe Manufacturing plant
- Mineral Water plant
- Packaged drinking water plant
- Fruit juice plant
- And many more....
- Liquor packaging plant
- Carbonated Drink(soft drink) plant
- Dairy Product
- Mustard oil Plant
- Coconut water packaging plant

Our only emphasis in order to provide Turn Key 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*.....

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 productivity, with advanced photorealistic rendering, automated cost estimation, Professional collaboration capabilities, automated design and drawing checking features to meet requirements of customers .

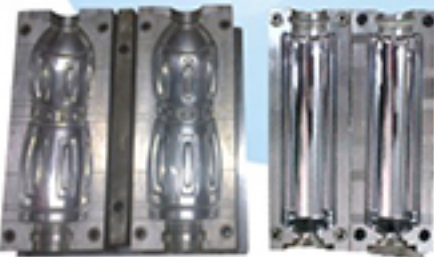


HIGH PRESSURE AIR COMPRESSORS:

Our compressor unit is Headed by Mr. S.B. Singh, having rich experience of more than 30 years in compressor manufacturing, and he has worked as General Manger of INGERSOLL RAND INDIA LTD.

We offer comprehensive range of compressor from 1 to 350Hp in low, medium and high pressure upto 200kg/cm2. We have latest machine tools for in house manufacturing of various parts like Piston Rods, Cylinders, Crankcase, Connecting Rods etc.

Designed for high pressure applications, these compressors have extra heavy duty components and are designed and developed for minimum maintenance and maximum performance.



PET MOLDS :

Our Mould Manufacturing unit has an advanced setup of CNC/VMC/EDM machines of BFW and JYOTI 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 area 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.

WATER CHILLER:

Our state of the Art chiller manufacturing unit is capable of manufacturing chiller up to 250TR in water cooled and oil cooled options up to -25°C,for this we have High Pressure Press machines, Rolling machines, Bending machines, Pipe Cutting machines, capable of in house manufacturing of cooling tower, cooling coil unit, condensing unit etc. We do thorough testing of chillers before delivering to clients to ensure best quality of product so the products are of their true value.



REFRIGERATED AIR DRYER:

We offer our clients refrigerated air dryers, which are available in self cleaning smooth surface form. Our range of dryers is available with Tube in shell and tube in tube design, which helps in maintaining the heat transfer efficiency throughout the dryer's life. This range of High pressure refrigerated air dryer is available in range of 40cfm.

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PET PLAST INDIA proudly announce India's First LED Bulb Globe Blow Moulding Machine, Outcome of its rigorous testing and R&D efforts, able to Blow PC Preform Successfully and efficiently, running in various esteemed organizations in Electrical Appliance Industry. Machine is able to withstand high temperature almost double than that of PET and all its components are tested on same.

Salient Features:

- Properties of PC has been kept consideration to ensure rejection free operations.
- High accuracy precision work, ensures smooth operation.
- Touch screen makes operating user friendly.
- Specially designed Frequency Conversion, Auto temperature Controller and Layered Heating system ensures uniform heating hence minimizes rejections.
- PLC of Delta, Relays of Omron, Electricals of Schneider / Seimens, Pneumatics of Parker/Festo/SMC have been used to ensure best performance of machine.
- Compact modular design ensure ease to operate and low maintenance cost.
- Auto temperature controller ensures minimum rejection.
- Provide highest Lumens spreaded accros Bulb Globe consistently.
- Provision of Auto Fault detection.



Technical Specifications	ITEM	Model	UNIT	SEMI AUTOMATIC	HANDFEED FULLY AUTOMATIC	
	Product Specification	No. Of Cavities		pcs	2	2
		Max. Product Diameter		mm	55	55
		Max. Product Height		mm	45	45
		Max. Neck Size		mm	45	45
		Theoretical Output *		gph	500	1400
	Machine Specification	Clamping Force		ton	16	16
		Mold Thickness		mm	250	180
		Total Power		kw	18	18
		Actual Power		kw	8to12	8 to12
Dimensions			m*m*m	1.5*1.3*1.6	3.1*1.5*2	
Weight			kg	1500	2200	
Air System	Working Pressure		bar	10	10	
	Blowing Pressure		bar	30	30	

*Depends on preform size / weight / product's shape.

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PET PLAST INDIA Introduces "SHRINK CARTON WRAP MACHINE" Which optimizes overall cost of end product in packaging plants as it reduces the manpower requirement because of high degree of automation of machine.

Salient Features :

- Big Bottles in multy Row Can Be Warped Without Tray
- Can Be Directly Connected To Filling Line.
- Carbon Steel Makes The Machine Corroson And Shock Resistant.
- Silicon Coating Provides Excellent Hail And Impact Resistance, And Alows Working On High Temperatures.
- Saves Around 30-40% Of Packaging Material (Carton) Costs.
- Saves Packaging Labour And Time.
- Eliminates Cash Losses Due To Leakage Of Bottles During Transit / Storage.
- Enhances Display Value Of The Bottle Pack.
- Return On Investment In Machine Is Within Six Months.



Technical Specifications :

Model→	SCW-A20	SCW-S10
Technical Specification		
Sealing Type	Sleeve sealing	Sleeve sealing
Power Supply	380v/50-60hz/3 phase	380v/50-60hz/3 phase
Max. Product Size(L*W*H)	420*300*320	420*300*320
Max. Packaging Capacity	20 packs per minute	8-10 PACKS
Film Type	Polyethylene(PE) film	Polyethylene(PE) film
Max. Size of Film(width*outer diameter)	630*280	630*280
Power Consumption	20.5 KW	14 KW
Tunnel Oven Size(L*W*H)	1800*600*400	1800*600*400
Tunnel Conveyor Speed	15m/min(can be controlled by variable frequency controller)	15m/min(can be controlled by variable frequency controller)
Tunnel Conveyor Mechanism	Chains with silicon coated rods	Chains with silicon coated rods
Working Height	800-850mm	800-850mm
Air Pressure	5 bar	5 bar
Controller	SIEMENS S-7	Micro Controller
Sealing System	Permanently heated seal bar coated with teflon	Permanently heated seal bar coated with teflon
Operating Interface	Eview displayer	Eview displayer
Machime Material	Carbon steel	Carbon steel
Weight of Machine	1050 kg	850 kg



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