



J.P. Machinery



Product Catalogue



AUTOMATIC PET STRETCH BLOW MOULDING MACHINE



Manufacturers & Exporters of : Semi Automatic, Automatic and Fully Automatic Pet Stretch Blow Moulding Machine and Accessories

ABOUT US

The success of any industrial organization closely parallels its ability to meet the needs of the consumer on a consistent and continuing basis. J.P. MACHINERY, is an outstanding example of this. Through its consistent efforts to develop the kind of Machines the consumer wants, the company today holds a position of leadership in the pet bottling manufacturing plants.

J.P. MACHINERY is recognized as a leader in the pet bottling manufacturing plants industry due to its long history of innovation, which has created major new categories of products. Expansion into these new product fields was the result of a long-range planning and development program. It is the company's intention to continually provide innovative new products which meet the needs of today's changing lifestyles, With its vast experience in manufacturing pet bottling plant.

We are committed to attracting, developing, and keeping a diverse work force that reflects the nature of our global business. Our business is global, diverse, and highly competitive. Our success depends on our ability to draw the very best from the entire pool of available talent, unlimited by gender, race, or any of the other characteristics that differentiate us. We are committed to having a work force that is diverse at all levels, reflecting the diversity of our customers and the varied environments in which we conduct business around the world. Our communications with one another are open, honest, and timely.

Quality Assurance in Manufacturing

At JP Machinery, We paired with quality control, quality assurance is part of the ecosystem that ensures customers receive quality products devoid of unexpected defects.

OMRON

FESTO

Schneider
Electric

FE Fuji Electric

NORGREN

P&F

SMC

DELTA

PNEUMAX

Parker

CARLO GAVAZZI

MW
MEAN WELL

VICTOR

AUTOMATIC PET STRETCH BLOW MOULDING MACHINE

Model : JP 1000 4B



Product Volume		100ml - 1000ml
Production Capacity BPH		3600 - 4000
Working Air Pressure Kg/Cm2		8.5 Kg
Blowing Air Pressure Kg/ Cm2		30 Kg
Clamping Force (Locking) Ton		15
Air Consumption CFM	Low Pressure	75 CFM
	High Pressure	85 CFM
Max Mould Opening Stock		110 mm
Mould Cavity No		4
Mould Thickness mm		160 MM
Neck Diameter		25-31 MM
Operating		Pneumatics
Heater Running Load		18 KW
Machine Weight		3200 KG
Heater Type		Infrared
Chiller TR		5 TR
Length mm		3900 mm
Height mm		2200 mm
Width mm		1650 mm
Product Height mm		285 mm
Product Width mm		90 mm

Features

- Optimized bottle shapes: lighter bottles, more complex shapes, and molds designed for very high speeds.
- Customized preform feeder to match machine speed. It uses a large-capacity hopper for longer operation without replenishment (40 minutes on average, depending on preform type)

AUTOMATIC PET STRETCH BLOW MOULDING MACHINE

Model : JP 1000 2B



Product Volume		100ml- 1000ml
Production Capacity BPH		1800 - 2000
Working Air Pressure Kg/Cm2		8.5 Kg
Blowing Air Pressure Kg/ Cm2		30 Kg
Clamping Force (Locking) Ton		15
Air Consumption CFM	Low Pressure	50 CFM
	High Pressure	45 CFM
Max Mould Opening Stock		115 mm
Mould Cavity No		2
Mould Thickness mm		160 MM
Neck Diameter		25-31 MM
Operating		Pneumatics
Heater Running Load		11 KW
Machine Weight		2200 KG
Heater Type		Infrared
Chiller TR		3 TR
Length mm		2800 mm
Height mm		2200 mm
Width mm		1500 mm
Product Height mm		285 mm
Product Width mm		90 mm

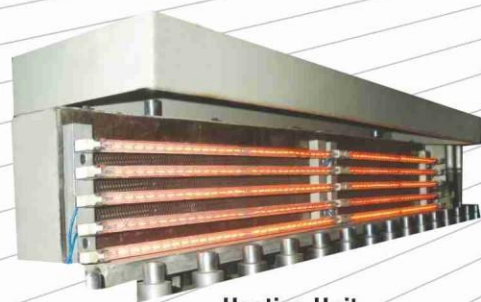
Features

- Additional savings of 15% on air consumption: optional exhaust air recovery system.
- Reduced maintenance times: to help limit machine shutdowns and boost line productivity.



AUTOMATIC PET STRETCH BLOW MOULDING MACHINE

Model : JP 750 4B



Heating Unit



Electric Panel



Product Volume		100ml - 750ml
Production Capacity BPH		3400 - 3800
Working Air Pressure Kg/Cm2		8.5 Kg
Blowing Air Pressure Kg/ Cm2		30 Kg
Clamping Force (Locking) Ton		15
Air Consumption CFM	Low Pressure	60 CFM
	High Pressure	75 CFM
Max Mould Opening Stock		115 mm
Mould Cavity No		4
Mould Thickness mm		160 MM
Neck Diameter		25-31 MM
Operating		Pneumatics
Heater Running Load		13 KW
Machine Weight		2600 KG
Heater Type		Infrared
Chiller TR		3 TR
Length mm		3500 mm
Height mm		2250 mm
Width mm		1400 mm
Product Height mm		255 mm
Product Width mm		75 mm

Heating System

- Easy access for oven maintenance and lamp changing.
- Cooling ramps throughout for maximum preform surface.
- Excellent ventilation system to ensure cool preform surface.
- Infrared heat sensor for preform temperature monitoring.

Mould Clamping Unit

- Mould clamping using toggle mechanism for fast cycles.
- Mould Compensation for positive locking.

Features

- Fully electric mechanism to ensue high-speed operation and precise locating.
- Design for quick mold change.
- Low energy consumption, low wear, low pollution.

AUTOMATIC PET STRETCH BLOW MOULDING MACHINE

Model : JP 250 6B



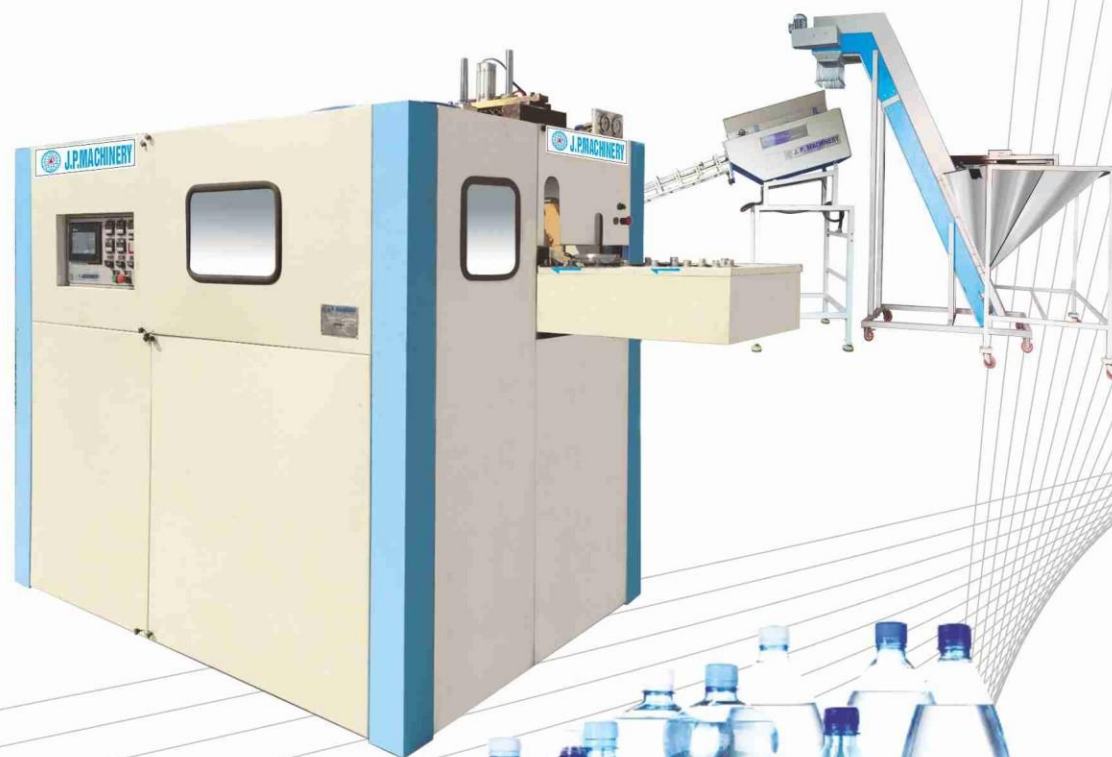
Product Volume		50ml - 250ml
Production Capacity BPH		5000 - 5400
Working Air Pressure Kg/Cm2		8.5 Kg
Blowing Air Pressure Kg/ Cm2		30 Kg
Clamping Force (Locking) Ton		15
Air Consumption CFM	Low Pressure	60 CFM
	High Pressure	65 CFM
Max Mould Opening Stock		95 mm
Mould Cavity No		6
Mould Thickness mm		160 MM
Neck Diameter		25-31 MM
Operating		Pneumatics
Heater Running Load		13 KW
Machine Weight		3600 KG
Heater Type		Infrared
Chiller TR		5 TR
Length mm		3900 mm
Height mm		2200 mm
Width mm		1650 mm
Product Height mm		185 mm
Product Width mm		60 mm

Features

- Fine the blowing output rate that matched your production needs.

AUTOMATIC PET STRETCH BLOW MOULDING MACHINE

Model : JP 250 4B



Product Volume		50ml - 250ml
Production Capacity BPH		3600 - 4000
Working Air Pressure Kg/Cm2		8.5 Kg
Blowing Air Pressure Kg/ Cm2		30 Kg
Clamping Force (Locking) Ton		15
Air Consumption CFM	Low Pressure	45 CFM
	High Pressure	45 CFM
Max Mould Opening Stock		95 mm
Mould Cavity No		4
Mould Thickness mm		160 MM
Neck Diameter		25-31 MM
Operating		Pneumatics
Heater Running Load		9 KW
Machine Weight		2200 KG
Heater Type		Infrared
Chiller TR		3 TR
Length mm		2850 mm
Height mm		2000 mm
Width mm		1400 mm
Product Height mm		185 mm
Product Width mm		60 mm

Features

- Consistency across multiple configurations.
- Integrating the cylinder, solenoid and flow limiter significantly reduces
- dead space in the air circuits and cuts down on blowing air consumption

AUTOMATIC PET STRETCH BLOW MOULDING MACHINE

Model : JP 2000 1BJ



Product Volume		500ml- 2000ml
Production Capacity BPH		750 - 900
Working Air Pressure Kg/Cm2		8.5 Kg
Blowing Air Pressure Kg/ Cm2		30 Kg
Clamping Force (Locking) Ton		15
Air Consumption CFM	Low Pressure	40 CFM
	High Pressure	55 CFM
Max Mould Opening Stock		130 mm
Mould Cavity No		1
Mould Thickness mm		200 MM
Neck Diameter		25-120 MM
Operating		Pneumatics
Heater Running Load		12 KW
Machine Weight		2200 KG
Heater Type		Infrared
Chiller TR		3 TR
Length mm		2900 mm
Height mm		2150 mm
Width mm		1500 mm
Product Height mm		360 mm
Product Width mm		120 mm

Features

- Plug and blow" concept: subassemblies are mounted on the same frame,
- pre-set and pre-wired at the factory
- Quick installation in just one day, and technical acceptance in five days.

AUTOMATIC PET STRETCH BLOW MOULDING MACHINE

Model : JP 2000 2B



Product Volume		500ml - 2000ml
Production Capacity BPH		1500 - 1800
Working Air Pressure Kg/Cm2		8.5 Kg
Blowing Air Pressure Kg/ Cm2		30 Kg
Clamping Force (Locking) Ton		15
Air Consumption CFM	Low Pressure	55 CFM
	High Pressure	75 CFM
Max Mould Opening Stock		120 mm
Mould Cavity No		2
Mould Thickness mm		200 MM
Neck Diameter		25-31 MM
Operating		Pneumatics
Heater Running Load		18 KW
Machine Weight		2600 KG
Heater Type		Infrared
Chiller TR		5 TR
Length mm		3500 mm
Height mm		2250 mm
Width mm		1400 mm
Product Height mm		360 mm
Product Width mm		125 mm

Features

- Top bottle quality.
- Fast and safe production.

AUTOMATIC PET STRETCH BLOW MOULDING MACHINE

Model : JP 5000 1BJ



Product Volume		1000ml - 5000ml
Production Capacity BPH		500 - 700
Working Air Pressure Kg/Cm2		8.5 Kg
Blowing Air Pressure Kg/ Cm2		30 Kg
Clamping Force (Locking) Ton		15
Air Consumption CFM	Low Pressure	45 CFM
	High Pressure	70 CFM
Max Mould Opening Stock		200 mm
Mould Cavity No		1
Mould Thickness mm		300 MM
Neck Diameter		46-120 MM
Operating		Pneumatic
Heater Running Load		18 KW
Machine Weight		2800 KG
Heater Type		Infrared
Chiller TR		3 TR
Length mm		3200 mm
Height mm		2500 mm
Width mm		2000 mm
Product Height mm		325 mm
Product Width mm		175 mm

Features

- Low energy consumption, low wear, low pollution.
- Consistency across multiple configurations.
- Integrating the cylinder, solenoid and flow limiter significantly reduces
- dead space in the air circuits and cuts down on blowing air consumption

AUTOMATIC PET STRETCH BLOW MOULDING MACHINE

Model : JP 1000 6B



SERVO BASED ALL ELECTRICAL



Product Volume		100ml - 1000ml
Production Capacity BPH		6500-7200
Working Air Pressure Kg/Cm2		-
Blowing Air Pressure Kg/ Cm2		35 kg
Clamping Force (Locking) Ton		30
Air Consumption CFM	Low Pressure	-
	High Pressure	300 CFM
Max Mould Opening Stock		125 mm
Mould Cavity No		6
Mould Thickness mm		160 mm
Neck Diameter		25-31 mm
Operating		Servo & Pneumatic
Heater Running Load		26 KW
Machine Weight		4000 KG
Heater Type		infrared
Chiller TR		7.5 TR
Length mm		5200 mm
Height mm		3400 mm
Width mm		5500 mm
Product Height mm		285 mm
Product Width mm		90 mm

Features

- Pneumatic & Hydraulic Mechanism.
- Integrating the cylinder, solenoid and flow limiter significantly reduces dead space in the air circuits and cuts down on blowing air consumption.

AUTOMATIC PET STRETCH BLOW MOULDING MACHINE

Model : JP 500 8B



SERVO BASED ALL ELECTRICAL



Product Volume		50ml - 500ml
Production Capacity BPH		8000-9000
Working Air Pressure Kg/Cm2		-
Blowing Air Pressure Kg/ Cm2		35 KG
Clamping Force (Locking) Ton		30
Air Consumption CFM	Low Pressure	-
	High Pressure	300 CFM
Max Mould Opening Stock		125 mm
Mould Cavity No		8
Mould Thickness mm		160 mm
Neck Diameter		25-31 mm
Operating		Servo & Pneumatic
Heater Running Load		24 KW
Machine Weight		4000 KG
Heater Type		Infrared
Chiller TR		7.5 TR
Length mm		5200 mm
Height mm		3400 mm
Width mm		5500 mm
Product Height mm		220 mm
Product Width mm		70 mm

Features

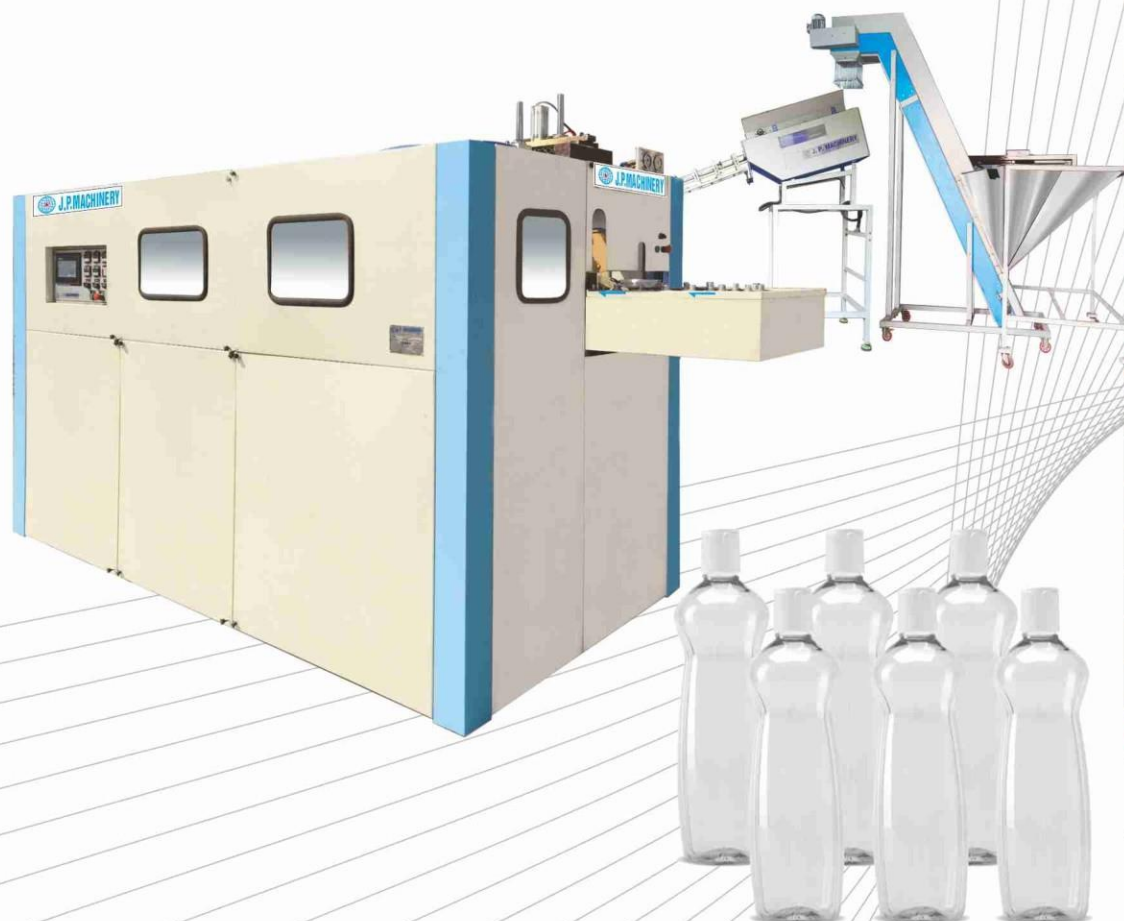
- Pneumatic & Hydraulic Mechanism.
- Integrating the cylinder, solenoid and flow limiter significantly reduces dead space in the air circuits and cuts down on blowing air consumption.

AUTOMATIC PET STRETCH BLOW MOULDING MACHINE

Model : JP 1000 4B



SERVO BASED ALL ELECTRICAL



Product Volume		100ml - 1000ml
Production Capacity BPH		4800 - 5400
Working Air Pressure Kg/Cm2		-
Blowing Air Pressure Kg/ Cm2		35 Kg
Clamping Force (Locking) Ton		30
Air Consumption CFM	Low Pressure	-
	High Pressure	200 CFM
Max Mould Opening Stock		125 MM
Mould Cavity No		4
Mould Thickness mm		160 MM
Neck Diameter		25-31 MM
Operating		Servo & Pneumatic
Heater Running Load		24 KW
Machine Weight		4000 KG
Heater Type		Infrared
Chiller TR		5 TR
Length mm		4400 mm
Height mm		3400 mm
Width mm		5600 mm
Product Height mm		285 mm
Product Width mm		90 mm

Features

- Additional savings of 15% on air consumption: optional exhaust air recovery system.
- Fully electric mechanism to ensue high-speed operation and precise locating.

AUTOMATIC PET STRETCH BLOW MOULDING MACHINE

Model : JP 250 6B



SERVO BASED ALL ELECTRICAL



Product Volume		50ml - 250ml
Production Capacity BPH		6800 - 7200
Working Air Pressure Kg/Cm2		-
Blowing Air Pressure Kg/ Cm2		35 Kg
Clamping Force (Locking) Ton		30
Air Consumption CFM	Low Pressure	-
	High Pressure	130 CFM
Max Mould Opening Stock		125 MM
Mould Cavity No		6
Mould Thickness mm		160 MM
Neck Diameter		25-31 MM
Operating		Servo & Pneumatic
Heater Running Load		17 KW
Machine Weight		4000 KG
Heater Type		Infrared
Chiller TR		5 TR
Length mm		3400 mm
Height mm		3400 mm
Width mm		5600 mm
Product Height mm		185 mm
Product Width mm		60 mm

Features

- Additional savings of 15% on air consumption: optional exhaust air recovery system.
- Fully electric mechanism to ensue high-speed operation and precise locating.

AUTOMATIC PET STRETCH BLOW MOULDING MACHINE

Model : JP 20000 1BJ



Product Volume		10000ml - 20000ml
Production Capacity BPH		90 - 120
Working Air Pressure Kg/Cm2		8.5 Kg
Blowing Air Pressure Kg/ Cm2		30 Kg
Clamping Force (Locking) Ton		50
Air Consumption CFM	Low Pressure	25 CFM
	High Pressure	40 CFM
Max Mould Opening Stock		350 MM
Mould Cavity No		1
Mould Thickness mm		300 MM
Neck Diameter		46-120 MM
Operating		Pneumatic
Heater Running Load		20 KW
Machine Weight		2000 KG
Heater Type		Infrared
Chiller TR		5 TR
Length mm		2700 mm
Height mm		1800 mm
Width mm		1600 mm
Product Height mm		500 mm
Product Width mm		265 mm

Features

- Additional savings of 15% on air consumption: optional exhaust air recovery system.
- Fully electric mechanism to ensue high-speed operation and precise locating.

