

INDIA'S MOST ADVANCED SERVO BASED PET BLOWING MACHINES



Who we are?

J R PET Industries, A Unit of J R Group



2016
Year of Establishment



15+
Models



40+
Employees



100+
Customers across the globe

About Us

J R PET INDUSTRIES PVT. Ltd - "A Unit of J R Group" is India's Most Advanced Pet Stretch Blowing machines manufacturer and catering to various Liquid Packaging Industries like Mineral Water Plant, Juices, Edible oil, Soft Drinks, Cosmetics, Home Care Products , and Confectionary, Liquor etc. Our Automatic Series are INDUSTRY 4.0 READY with all Revolutionary/Innovatory/Digital/Ultra Modern features in place. We are a customer-oriented business. Therefore, in order to achieve complete customer contentment, we emphasize on delivering buyers the best product quality and customer care services. For the same reason, we have entrenched our roots to be a service provider and render professional Water Testing Services keeping in view all the industrial guidelines and client requirements.

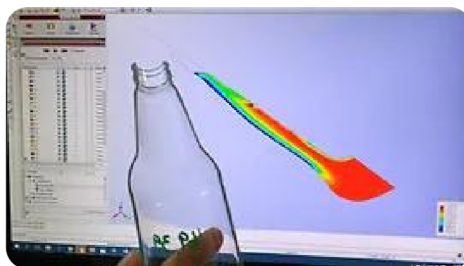
Our business operations are driven by our core values-quality, integrity, unity and honesty. These values make us capable of overcoming all the challenges that are generally faced by the business runners.

We are a well-established business with over half-a-decade experience. This business experience supports us in understanding and fulfilling the requirements of our customers in a hassle-free manner.

Why Us



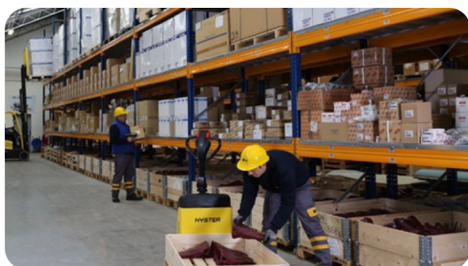
Dedicated Customer Care



In-House Designers



Conference-Meet Room



In-Stock Spare Parts



Factory Shop-Floor



Advanced Tool-Room

Salient Features

All Electric SERVO Based

These machines offer several advantages including faster cycle times, higher energy efficiency, and lower maintenance requirements. These are ideal for producing high-quality PET bottles with consistent wall thickness, high clarity, and excellent dimensional accuracy.



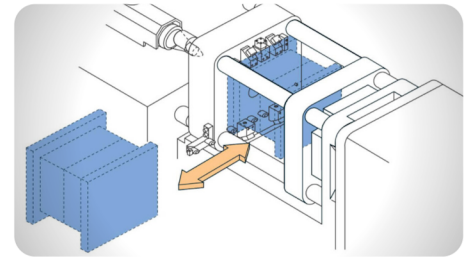
Industry 4.0 Ready Machine

Industry 4.0 ready PET blowing machines can be integrated into a larger network of interconnected machines and devices, creating a smart factory that can optimize production, reduce downtime, and enable predictive maintenance.



Easy-Mould Change

An automated system can also streamline the mould change process by using robotics or other types of machinery to handle the moulds, reducing the risk of damage or injury and minimizing the downtime associated with manual mould changes.



UPS Power Backup

The use of a UPS system can help prevent production downtime and minimize the risk of product quality issues due to power interruptions. It prevents rejection & give safety to HMI.



Low Maintenance

Several design features and technologies can help minimize maintenance requirements in a PET blowing machine including: Self-lubricating components, Modular design, Automated Systems, Remote monitoring & diagnostics



Air Saving

PET blowing machine that operates efficiently with a lower volume of compressed air can help reduce energy consumption, lower production costs, and improve sustainability.



Why Choose SERVO Technology

Accuracy

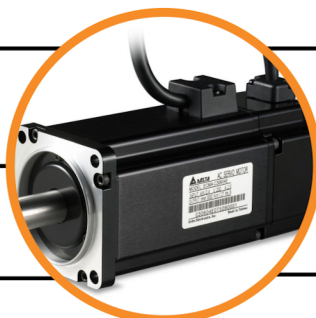
Speed

Power Saving

Less Maintenance

Safety

More Reliable



Fully Automatic ALL ELECTRIC MACHINE SERIES



High-Production

With Advanced automation, precision engineering, and efficient use of energy and resources, resulting in faster cycle times, higher output rates, and improved product quality



Power Saving

The use of advanced insulation materials and innovative design solutions also helps to minimize heat loss and optimize energy usage in PET blowing machines.



Less Sound

PET blowing machines equipped with soundproof enclosures and noise-reducing devices provide effective noise reduction and comply with occupational safety standards. SERVO makes machine sound-free & provides smooth operations



Industry 4.0 Ready Machine

Industry 4.0 enables PET blowing machines to be connected to the internet, collect data, analyze information, and optimize production processes, resulting in increased efficiency, improved quality, and reduced downtime.



Model	UNIT	JR-2CB-3600	JR-4CB-5400	JR-6CB-7500	JR-6CB-7200	JR-8CB-10000
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	750	1000	500
Production	BPH	3600	5400	7500	7200	10000
Clamping force	Nm	16	16	16	16	16
Clamping Type	Pneumatic Based					
Stretching System	SERVO Based					
Indexing operation	SERVO Based					
Working Pressure	BAR/CFM	10/35	10/45	10/50	10/50	10/60
Blowing Pressure	BAR/CFM	32/100	32/150	32/213	32/225	32/290
Total Load	KW	32	52	52	52	60
Running Load	KW	18	25	28	28	35

Fully Automatic Series With SERVO Technology

- Automatic Temperature Control .
- SERVO Indexing ensures 20-30% higher production & less maintenance.
- Every Log System- to keep one month data for fault/event with troubleshooting guideline.
- Low Air Required- Air Recovery System saves upto 20% L.P air.
- Provision of Auto-Fault Detection.
- Remote Diagnosis system through mobile application for machine diagnosis.
- INDUSTRY 4.0 Ready Machine.
- Extra locking- special air compensation system ensures that mould is fully locked.



Model	UNIT	JR-1CB-1600	JR-2CB-2500
Cavity	PCS	1	2
Neck-Size	MM	25-28	25-28
Volume range	ML	1000	2000
Production* (1000ML)	BPH	1600	2500
Clamping force	TON	16	16
Clamping Type	Fully Pneumatic Toggle System		
Indexing operation	SERVO Electric System		
Working Pressure	BAR/CFM	10/20	10/30
Blowing Pressure	BAR/CFM	25/45	25/75
Total Load	KW	24	24
Running Load	KW	12	12

Fully Automatic Handfeed Series

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



Model	UNIT	JR-HF-2C-2400	JR-HF-4C-4000	JR-HF-6C-6000
Cavity	PCS	2	4	6
Neck-Size	MM	28-46	28-46	28-32
Volume range	ML	1000	1000	750
Production* (1000ML)	BPH	2400	4000	6000
Clamping force	TON	16	16	16
Clamping Type	Fully Pneumatic Toggle System			
Indexing operation	SERVO Electric System			
Working Pressure	BAR/CFM	10/25	10/36	10/45
Blowing Pressure	BAR/CFM	30/55	30/110	30/150
Total Load	KW	24	26	48
Running Load	KW	12	13	24

ALL ELECTRIC Single Cavity With SERVO Technology



High-Production

- SERVO Based
- Low Rejection
- 1600 BPH



Industry 4.0 Ready Machine

- Auto Fault Detection System
- Remote Diagnosis System
- Alarm & Production analysis



Power Saving

- Redundant Heat Discharge System
- Air Recovery System
- SERVO Based
- Power Saving IR Heaters



Easy To Use

- 10-minute mould change
- Upto 50 mould recipe
- Touch PLC Display



Less Maintenance

- Auto Lubrication System
- Less Pneumatic
- No Vibration.
- CNC/ VMC Ready parts.



Budget Friendly

- Mould cost less
- Low running cost
- Low machine price



Model	UNIT	JR-HF-1CB	JR-HF-1CJ
Cavity	PCS	1	1
Neck-Size	MM	19-28	28-120
Volume range	ML	1000	5000
Production* (500ml)	BPH	1600	1200
Clamping force	NM	12.5	12.5
Clamping Type	Pneumatic Based		
Indexing operation	SERVO Electric System		
Working Pressure	BAR/CFM	10/22	10/22
Blowing Pressure	BAR/CFM	25/44	25/48
Total Load	KW	24	32
Running Load	KW	12	16

Semi Auto & Auto Drop Series

Salient Features

- 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.
- Modular design for long life of machine & making it easily maintainable.
- Fully Pneumatic Operation to ensure higher production rate, and low maintenance requirements.
- Advanced Pneumatic control Toggle System for clamping unit ensures guaranteed highest production.
- UPS power backup for minimizing rejections.
- Automatic Temperature Control .
- Easy to mould changing system with chain.



Semi- Auto Series

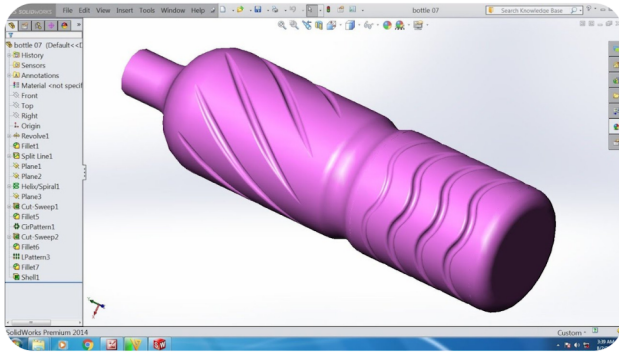
Technical Specifications

Model	UNIT	JR-2CB-M	JR-2CJ-M
Cavity	PCS	2	2
Neck-Size	MM	25-28	28-120
Volume range	ML	50-2000	50-7000
Production* (500ml)	BPH	1000-1200	400-1000
Clamping force	NM	16	16
Clamping Type		Toggle System	
Operation		Fully Pneumatic	
Working Pressure	BAR	10	10
Blowing Pressure	BAR	30	30
Required Power	KW	14	18
Consumption Power	KW	12	12 to 15

Auto-Drop Series

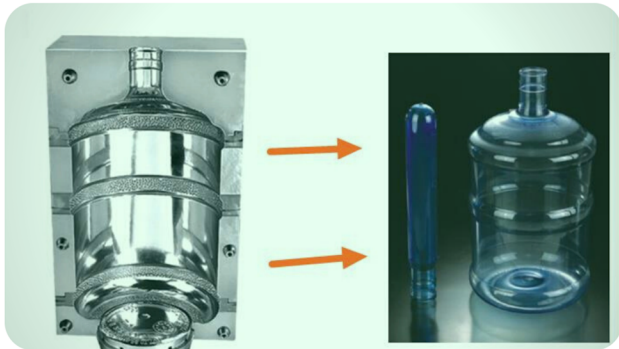
Technical Specifications

Model	UNIT	JR-2CAD	JR-4CAD
Cavity	PCS	2	4
Neck-Size	MM	25-28	25-28
Volume range	ML	50-2000	50-2000
Production* (500ml)	BPH	1200-1500	1600-2400
Clamping force	NM	16	16
Clamping Type		Toggle System	
Operation		Fully Pneumatic	
Working Pressure	BAR	10	10
Blowing Pressure	BAR	30	30
Required Power	KW	14	14
Consumption Power	KW	12	12



Bottle & Jar Designing

As a bottle and jar designing service, we specialize in creating unique and eye-catching designs that stand out on store shelves. Our team of designers uses a combination of creativity, market research, and industry expertise to craft packaging solutions that meet the specific needs of our clients. We understand that packaging plays a crucial role in the success of a product, which is why we work closely with our clients to understand their brand values, target audience, and product specifications. Our designs are not only aesthetically pleasing but also functional and practical, ensuring that they protect and preserve the product inside.



PET Moulds

Pet Bottles/Jars moulds are tools used to create products, which are intermediate products used in the manufacturing of PET bottles. These moulds are typically made of high grade materials and are capable of producing a large number of bottles/jars in a short period of time. The quality of the pet bottles/ jars mould is an important factor in the overall quality of the final product.

Turnkey Projects

Turnkey project execution is the flagship of the J R Group & 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 for smooth operation & 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.



Mineral Water Plant



Fruit Juice Plant



Cold- Drink Plant

J R PET INDUSTRIES PVT. LTD



HEAD OFFICE

308 B, 3rd Floor NDM 1,
Netaji Subhash Place,
Pitampura, Delhi
110034

UNIT - 1

Plot No. 17, Street No. 4,
Behind Shri Ram Dharam
Kanta, Dabua-Pali Road,
Faridabad, Haryana 121004

UNIT - 2

Plot No. 1, Shri Ram
Dharam Kanta, Dubua-Pali
Road, Faridabad, Haryana
121004



+91 9873392743, +91 8076114581, +91 9518467270, +91 9540786655



mail@jrpetindustries.com
info@jrpetindustries.com



www.jrpetindustries.com



Scan QR Code, To Visit Us