



## PVC BALL VALVE ROTATOR



Automatic Ball Valve Rotator is the perfect labor-saving component to meet the demands of rotate the ball inside the over moulded valve. Single machine can rotate wide range of ball valve from 1/2" to 3" size.

Only one labour required to manually pick the ball valve from Injection Moulding machine and put it on rotator's

die. Now Hot PVC Ball valve will be smooth with one touch.

Changeovers from one size Valve to another are as easy as pushing a single button on the control panel. Machine provides Valve with Improved Quality, Increased efficiency, Cost savings and High productivity by achieving speeds up to 8 valve-per-minute.

It can workout for any shape like round, oval, Hexagon, etc

### Why Ball Valve Rotator?

- It is **critical to handle** and **rotate** manually Hot Valve directly coming from Injection Mould.
- This system ensures that you will get **same fit for all ball valve** handled.
- **High Speed** and Automated rotation of ball in clockwise and anti clock wise.
- **only 2 changeover parts and total 4 bolts to open** at valve size changing which provides minimum time for valve change which is approximate 10 sec.
- **Increases efficiency** and **productivity** for production lines
- Contact parts are **resistant to flaking, chipping, scuffing so will not cause any cosmetic damage** to valve surface.
- **Saves money** through efficient use of personnel
- **Minimal operator training** required
- Designed to accommodate **various valve shapes and sizes**
- **ACVFD for Rotator motor.**
- User **friendly & maintenance less** design.
- **Low noise level** at higher speed.
- **Fast adjustment** reduce downtime and maximize uptime
- Built to be **reliable, trouble-free and dependable** for years of operation
- **INDIAN** made-easy access to **spare parts** and **service assistance**





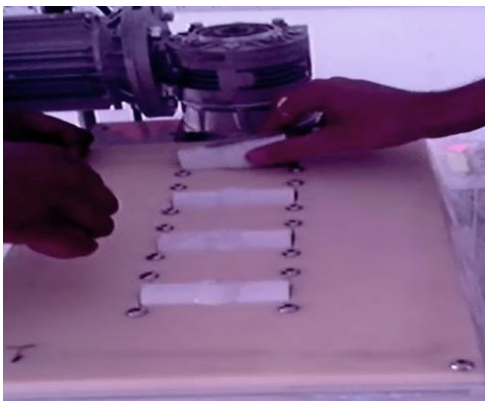
## Description:

This is a perfect product for PVC ball valve manufacturer which meets the output of plants with no extra manpower required.

Ball valve rotator is deluxe product for rotation application with all necessary safety standards. Contact parts are Cast Nylon. Complete automation with Eminence make standard controller and controlled with LCD display with branded quality for electric, electronic components which include required IP standards.

The Ball valve rotator is heavy-duty design and durable construction requires minimal maintenance, thus assuring many years of dependable operation. Machine is having a very robust and vibration free body constructed on steel frame. Cast Nylon Die and Sprockets contact parts ensures durability and GMP compliance. User friendly and variable speed controls for rotator, easy to adjust and able to handle different valve sizes and shapes.

## Operation:



Hot PVC ball valve are loaded into the easy access die. Hot valve are directly coming from mould so they may be soft so minimum pressure require to fix into the die.

Pre-adjust the number of rotation from LCD. If you require lubrication before final rotation, 90° rotation easy button is provided.

Now, handy green button to start the final rotation

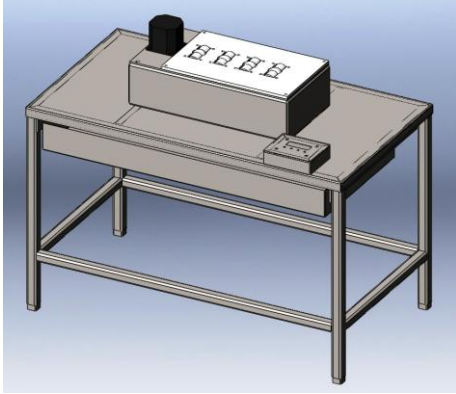
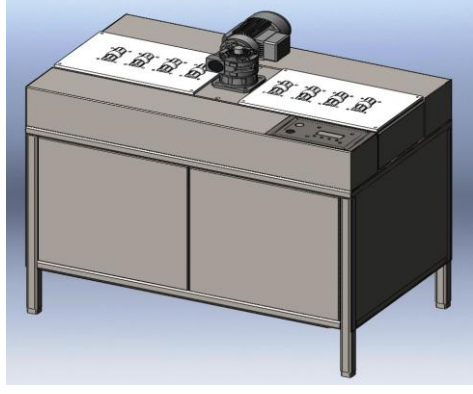
as per pre-adjust number of rotation. as soon as start the process ball will rotate in clock wise direction for adjust rotation and then it will change the direction and rotate in anty-clockwise direction for same adjusted rotation.

After the rotation complete ball valve is ready to use for final user. The main advantage of this system is you will get same fit for all ball valve of your brand.





## Technical Specifications:

Model Name	4 STATION ROTATOR	8 STATION ROTATOR
Photo		
Output/min*	Up 1 to 4 Valves	Up 1 to 8 Valves
Capacity (inch*)	1/2" to 3"	1/2" to 3"
Machine Dimension*	1000mm(L) x 600mm(W) x 1200mm(H)	1000mm(L) x 600mm(W) x 1200mm(H)
Construction**	Complete covering with Physical and Electric safety. Cast Nylon Die and Sprockets with easy adjustment. Noise and dust resistant design. Heavy-duty and vibration free body.	Complete covering with Physical and Electric safety. Cast Nylon Die and Sprockets with easy adjustment. Noise and dust resistant design. Heavy-duty and vibration free body.
Lubrication Feature	Extra 90° rotation easy Button for lubrication of balls inside the valve.	Extra 90° rotation easy Button for lubrication of balls inside the valve.
Automation	Settable Rotation adjustment buttons as per valve machine requirement. Auto Rotation Counting in Clockwise and Anti-clockwise rotation. Complete automation in through Eminence make standard controller and Operated from LCD.	Settable Rotation adjustment buttons as per valve machine requirement. Auto Rotation Counting in Clockwise and Anti-clockwise rotation. Complete automation in through Eminence make standard controller and Operated from LCD.

\* Depends on Container size & container characteristics.

\*\* We can supply as per customer requirements.

## Utility Requirement:

Electrical Supply	1Ø +Earthing
Voltage & frequency	230V / 50 Hz AC
Electrical Load	0.5 HP

For more details check website [www.eminencemech.com](http://www.eminencemech.com)  
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