

NKBW-100S Semi Automatic Rotary Bottle Washing Machine



N.K Industries, headquartered in Ahmedabad, Gujarat, India, proudly presents the Economical Semi Automatic Rotary Bottle Washing Machine—a compact and highly efficient solution designed to meet GMP requirements for washing glass and plastic bottles. Operating on the rotary principle with a GENEVA mechanism, this machine offers seamless and reliable bottle washing, catering to a wide range of industries.

Built with precision and adherence to the highest quality standards, our Semi Automatic Rotary Bottle Washing Machine is the ideal choice for businesses seeking cost-effective yet efficient bottle washing solutions. Its compact design allows for easy integration into your production line, optimizing space and resources while maintaining top-notch performance.

The GENEVA mechanism ensures smooth and precise bottle rotation during the washing process, guaranteeing thorough cleaning and hygienic results for your glass and plastic bottles.

Semi-automatic in nature, this machine requires manual loading and unloading of bottles, making it ideal for applications that don't require fully automated processes. It strikes the perfect balance between operator control and automated efficiency, enabling you to maintain flexibility in your production operations.

At N.K Industries, we understand the significance of Good Manufacturing Practices (GMP) in your industry. Our Semi Automatic Rotary Bottle Washing Machine is designed with GMP compliance in mind, ensuring that your bottle washing process meets the highest regulatory standards.

Choose our Economical Semi Automatic Rotary Bottle Washing Machine for reliable and cost-effective bottle washing, contributing to the success of your production line. Trust N.K Industries as your dedicated partner in manufacturing excellence.

Contact us today to explore how our Economical Semi Automatic Rotary Bottle Washing Machine can enhance your operations and meet your specific requirements. Embrace innovation and efficiency with N.K Industries as your trusted partner.

Salient Feature of Machines:

- Geneva Mechanism: Utilizes the Geneva mechanism for precise bottle movement.
- Wash System: Four inner, one outer, and one air wash included.
- Customizable Wash Sequence: Allows customers to choose the sequence of washes according to their requirements.
- Output: Capable of processing 64 to 100 bottles per minute.
- Easy Operation: User-friendly interface for convenient operation.
- Stationary Nozzles: Prevent contamination of water cycles and eliminate chipping of bottle necks.
- Dual Loading and Unloading Rows: Facilitates easy loading and unloading of bottles.
- Individual Solenoid Valve: Each washing sequence has its own solenoid valve, reducing leakage and maintenance.
- Higher Capacity Centrifugal Pumps: Enables washing of bigger bottles, such as 500 ml and above.
- Portable Stand for Pumps and Tanks: Mounted on a portable stand for easy maintenance.
- Bottle Guide System: Specifically designed for light-weight bottles to ensure proper washing.

Technical Specification:

Type of Washing entity	Washing Sequence	Consumption
FRESH WATER	First wash	300 Liters / Hour Approx. at 15 PSI
	Third wash	600 Liters / Hour Approx. at 15 PSI
	Outside wash	800 Liters / Hour Approx. at 15 PSI
HOT DETERGENT	Second wash	No consumption as such, water loss During re-circulation shall be compensated
DM. OR DI WATER	Fourth wash	300 Liters /Hour Approx. at 15 PSI
Technical Specification		
Diameter of container		25 mm to 100 mm
Outside diameter of Neck		20 mm to 38 mm
Output		60 to 100 bottle per minute
Height of container		Up to 280 mm
Motor for main drive		1/2 HP / 415 V/3 Phase / 50 Hz /1000 RPM
Electric Heater Tank		3 KW
Total Load		5 KW
Dimensions		1550 mm L x 1700 mm W x 1300 mm H
Net Weight		750 Kgs. Approx