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RFC MACHINE

RINSING
FILLING
CAPPING

-  Hygienic Operation
-  High-Speed Production
-  SS 304 Stainless Steel
-  Low Maintenance & Energy Efficient
-  Reliable & Durable
-  Available in Various Speed and Capacity

ADVANCED TECHNOLOGY | HIGH EFFICIENCY | HYGIENIC & DURABLE



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UNIT 1:

D239 SECTOR-10 NOIDA

UNIT 2:

PLOT NO 336 ECOTECH:3
UK-2 GREATER NOIDA
UTTAR PRADESH



EXPERIENCED TEAM



ADVANCED MACHINERY



QUALITY ASSURED



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MACHINE PROCESS



PROCESS FLOW



AUTOMATIC OPERATION
High speed and smooth performance



HYGIENIC DESIGN
SS 304 construction for safe and clean production



HIGH ACCURACY
Precise filling and reliable capping



WATER SAVING
Smart design for minimum water consumption



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BEST AFTER SALES SERVICE



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STEP-WISE MACHINE PROCESS

- | | | | | |
|-----------|---|--|--|--|
| 01 |  | BOTTLE FEEDING <ul style="list-style-type: none">Empty bottles are loaded onto the conveyor.Bottles are aligned and transferred to the rinsing station.Star wheel ensures proper positioning of bottles. |  |  Smooth and continuous bottle feeding for uninterrupted operation. |
| 02 |  | RINSING (CLEANING) <ul style="list-style-type: none">Bottles are inverted and clamped securely.High-pressure purified water is sprayed inside the bottles.SS 304 nozzles ensure 100% internal cleaning. |  |  Removes dust, particles and contaminants effectively. |
| 03 |  | DRAINING <ul style="list-style-type: none">After rinsing, bottles remain inverted for draining.Excess water is drained out completely.Ensures no water residue before filling. |  |  Ensures complete draining for accurate and hygienic filling. |
| 04 |  | TRANSFER TO FILLING <ul style="list-style-type: none">Bottles are transferred via star wheel to the filling station.Synchronization ensures smooth operation.No bottle - No fill system is activated. |  |  Seamless bottle transfer for accurate and efficient operation. |
| 05 |  | FILLING <ul style="list-style-type: none">Purified water is filled using gravity / piston / flow meter based system.High accuracy filling with controlled volume.Zero spillage and water-saving design. |  |  Precise filling for every bottle with high efficiency and hygiene. |
| 06 |  | CAP FEEDING <ul style="list-style-type: none">Caps are automatically fed through cap elevator.Caps are oriented and positioned correctly. |  |  Ensures continuous cap supply and proper orientation. |
| 07 |  | CAPPING (SEALING) <ul style="list-style-type: none">Caps are placed and tightened with adjustable torque.Ensures leak-proof and secure sealing.Compatible with various cap sizes. |  |  Perfect sealing without bottle damage for product safety. |
| 08 |  | BOTTLE DISCHARGE <ul style="list-style-type: none">Finished bottles are discharged onto the conveyor.Ready for labeling, packaging and dispatch. |  |  Smooth discharge for further process and packaging. |
| 09 |  | QUALITY & SAFETY CHECK <ul style="list-style-type: none">No bottle - No fill system ensures accuracy.Sensors, safety guards and overload protection for safe operation.Maintains hygienic and contamination-free process. |  |  Reliable, safe and hygienic operation for best quality output. |

PROCESS FLOW SUMMARY



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CONTACT US

We are here to help you with the best solutions for your business. Get in touch with us!



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Thank you for your interest in Om Jyoti Engineering Enterprises.

We look forward to working with you!