



GSTIN 24AAECR3013M1ZJ

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60-BPM Automatic Rinsing, Filling & Capping Machine Specification

AUTOMATIC ROTARY 12-HEAD RINSING, 12-HEAD FILLING AND 6-HEAD CAPPING MACHINE 3 IN 1 UNIBLOCK FOR PET BOTTLES MODEL NO. SHECGF-60

PRODUCTION 60-BPM / 1000-ML

Technical Specifications:-

➤ Filling Head	: -	12
➤ Washing Head	: -	12
➤ Capping Head	: -	6
➤ Capacity	: -	60 BPM/ 1000 ml
➤ Suitable Cap Shape	: -	Plastic Screw Cap
➤ Bottle spec	: -	200ml – 2.0 Ltr.
➤ Motor. (for basic machine)	: -	2 HP
➤ Motor (for air blower)	: -	1HP
➤ Motor(for cap elevator)	: -	0.5 HP
➤ Motor(for conveyor)	: -	0.5HP
➤ Dimensions	: -	W X L X H

Shrink Tunnel

Silent Feature	
Easy to operate	
Virtually no Maintenance	
Low Power Consumption	
Electronic Digital Temperature Controller	
High Efficiency Heaters	
Suitable for PVC & LDPE Film	
Fixed / Variable Conveyor Speed	
Technical Specification	
Length of Passage	30-Inch
Width of Passage	06-Inch
Height of Passage	14-Inch
Temperature	70 c To 250 c
Material	PVC & LDPE
Power load (Heater)	06 Kw / 440 W

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ROTARY RINSING FILLING AND CAPPING



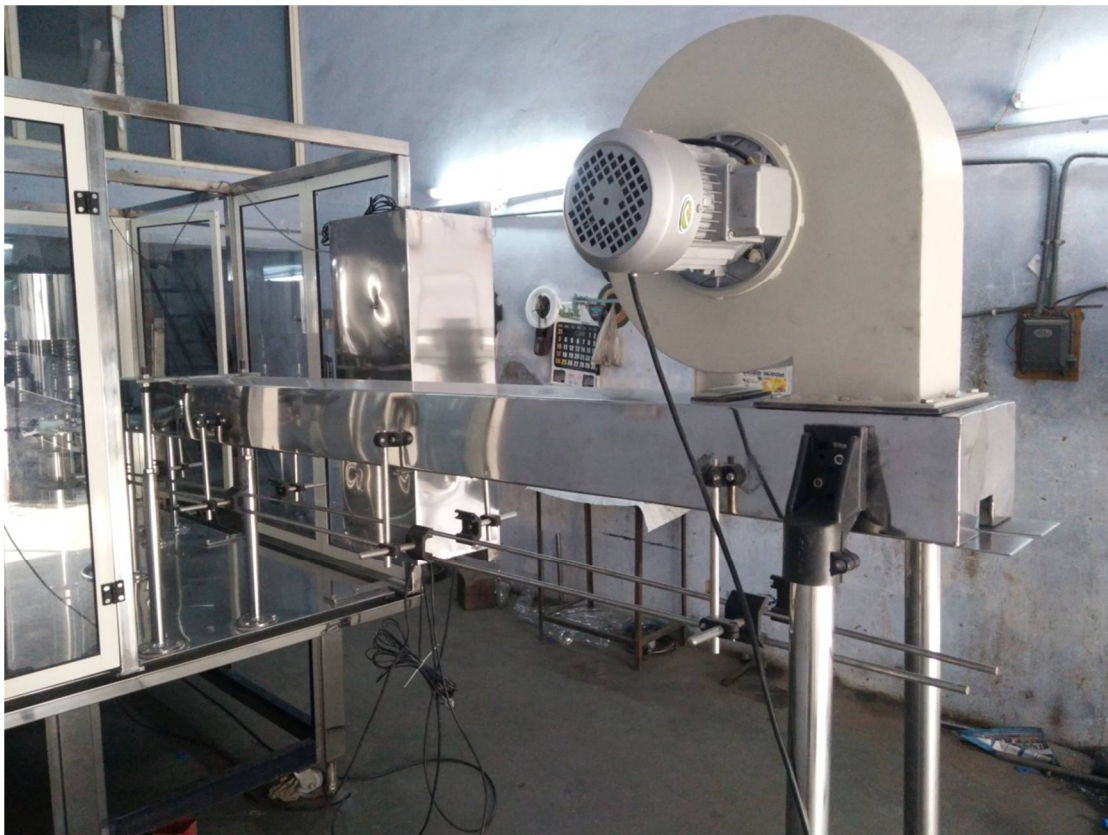
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AIR BLOWER CONVEYOR



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WASHING ASSEMBLY



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FILLING ASSEMBLY



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CAPPING ASSEMBLY



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SLAT CONVEYOUR WITH SHRINK TUNNEL





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FULL TECHNICAL SPECIFICATIONS:-

AUTOMATIC ROTARY RINSING, FILLING AND CAPPING MACHINE

- This is a Uniblock Machine where all the three sections are on the same Platform. The main platform structure will be of M. S. suitably clad Stainless Steel.
- The machine is attached with an in feed Air Blow Tunnel, Which is also fitted with an Air Blower on top of the Tunnel.
- This Tunnel helps the bottle to travel to the Rinsing In feed Neck guide plate with the help of Neck Guide and Air Pressure.

BOTTLE RINSER:-

- The bottles from the in feed Neck Guide Plate are gripped by two pair of fingers in the Bottle Neck holder bracket assembly
- The gripping fingers will hold the bottle by neck and necessary guide bars will invert the bottle upside down by 180 degree.
- The duty inverted bottle will receive water from the rinsing nozzles on rear of the machine. The rinsing will operate from 90 to 270 degree rotation of the rinsing machine. Zero degree position is in front of the operator.
- In 180-degree rotation the washing cycles will be stopped and bottles will be re-inverted and delivered to the Out feed Neck guide plate, which will transfer the bottle to the filler.

BOTTLE FILLER/CAPPER:-

- The Neck holder of the filler will hold the bottle along with the help of external guide.
- Filling machine is also a neck holding. On Rotation When bottle gets sealed with filling valve, the filling valve opens and filling starts.
- Filling tank will have liquid probe system to control level of mineral water in filling tank.
- As soon as the bottle is full and during rotation of the machine valve will be closed and bottle will be lowered and transferred on the Neck Guide Plate.



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- The bottle will enter the capping turret and by adjustable chucks, caps will be firmly tightened.
- Duly capped bottles will be transferred on the conveyor.
- Drive system will consist of motor, gearbox and gear trains to drive. The machine also has in A/C drive for controlling the speed of the machine.
- In neck holding machine change part is required only in feed and out feed of the machine.
- It also has a cap elevator for feeding the cap to the chute.
- The machine contact part S.S. 304 will be enclosed with SS Frame Cabinet with Acrylic Sheet.
- This machine is suitable for 28mm Perform having 26mm neck diameter below the collar.
- The machine can fill bottle having maximum 100 mm diameter & 330mm height.
- The machine can also be designed as per your specification.

SALIENT FEATURES

- Neck Holding on Transfers.
- No Bottle No Fill.
- Filling By Gravity Filling Valves.
- Cap Elevator for cap feeding to chute.
- Drive is on chain of gears (Not indexing Cam) hence low on Maintenance.
- Speed Control on A. C Drive.
- Drain trays for looping of spilled water
- Electrical hardware standard make

PRODUCT: Mineral Water

Container: Bottles

Filling volume: 200ml to 2 lt.



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MACHINE FEATURES:

Automatic operation

Automatic Cap Loading & Capping.
Easy to clean and operate, simple and rigid structure.

All machine contact parts are S. S. 304 will be the material for the machine structure.

Prerequisites:-

Floor Space requirement:

Approximately clearance of 1mtr from all sides of the machine is required. Hence clearance of 1mtr should be added to the actual size of the machine

Operator requirement:

1 Skilled operator and 3 semi-skilled operators.

ESSENTIAL:-

The Bottles should be fully inspected before filling.(No damage bottle should be feed)

The caps and the bottles should be strictly as per the samples provided by you at the time of ordering of the machine Caps should be dry before loading is cap elevator.

The operator should be able to understand the working of the machine properly. Operator should not be changed till our technician/Engineer is there to install the machine.

We will be not take any responsibility in case you change the operator or he is not technically sound.

We hope you will find our offer in line with your requirement and now awaiting to receive to your valued order. For any further queries please feel free to contact us.