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## 60-BPM Fully Automatic RFC Machine

### ➤ TECHNICAL PARAMETERS FOR 200ml to 2,000 ml RINSING, FILLING & CAPPING

- Model Number S.S.E.W-3600
- Production capacity 3600 Bottles / Hour
- Filling Capacity 200 ml to 2,000 ml
- Neck Description Standard for full range
- Voltage 440 V / 3 Ph / 50Hz
- Total Power 5 KW
- Unit Dimensions (L x W x H) 25(with conveyor) x 5 x 10
- Bottle Washing Heads 12
- Bottle Filling Heads 12
- Bottle Capping Heads 6
- Drive Delta Make
- Structure Mono block
- Bottle Type PET Bottles only
- (NO GLASS)
- Beverage contact parts S.S. 304
- Input Conveyor size 8 Ft Long
- Conveyor Speed Adjustable
- Output Conveyor size 20 ft Long total length
- Motor Rotomotive

Our Machine Strength Combine Motor & gear, no need air compressor, perfect moving, smooth working. 16mm Machine base plate, Magnetic Capping, Antirotate System in capping

### ➤ ROTARY RINSING, FILLING AND CAPPING MACHINE FOR PETBOTTLE

**BOTTLE RINSER: - The machine will have 12 Rinsing nozzles.**

- The frame structure will be of MS and will be suitably gladded with SS.
- The bottles from the Air conveyor will be taken by the star wheels and gripped by the In feed Neck Guide Plate .on Rotation the in feed Neck Guide Plate will deliver these bottles to the Rinsing Gripping Fingers.
- The gripping fingers will hold the bottles by neck and necessary guide bars will invert the bottle upside down by 180 degree.
- The duly inverted bottles 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 throughout feed Neck Guide Plate to the filling Unit

➤ **BOTTLE FILLER / SCREW CAPPER:-**

Filling system will be Rotary type

➤ **The Filling tank have a 12 nos Counter Pressure Filling Valves.**

- The Bottles from the Rinser Out feed Neck plate is transferred to the Neck holding lift cylinders for lifting the bottles to the filling valves. When bottle gets sealed with filling valve, the filling valve opens and filling starts.
- Filling tank will have Counter Pressure filling Valves, Liquid Float Assembly to control level of Product in the 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 under the capping head.

➤ **These sections have 6 nos of Capping Head**

- The caps will come from Vibrator and directly placed on the bottle neck and tightened.
- The bottle will enter the capping turret and by adjustable chucks.
- Duly capped bottles will be transferred on the conveyor and taken to the collecting table for further packing.

