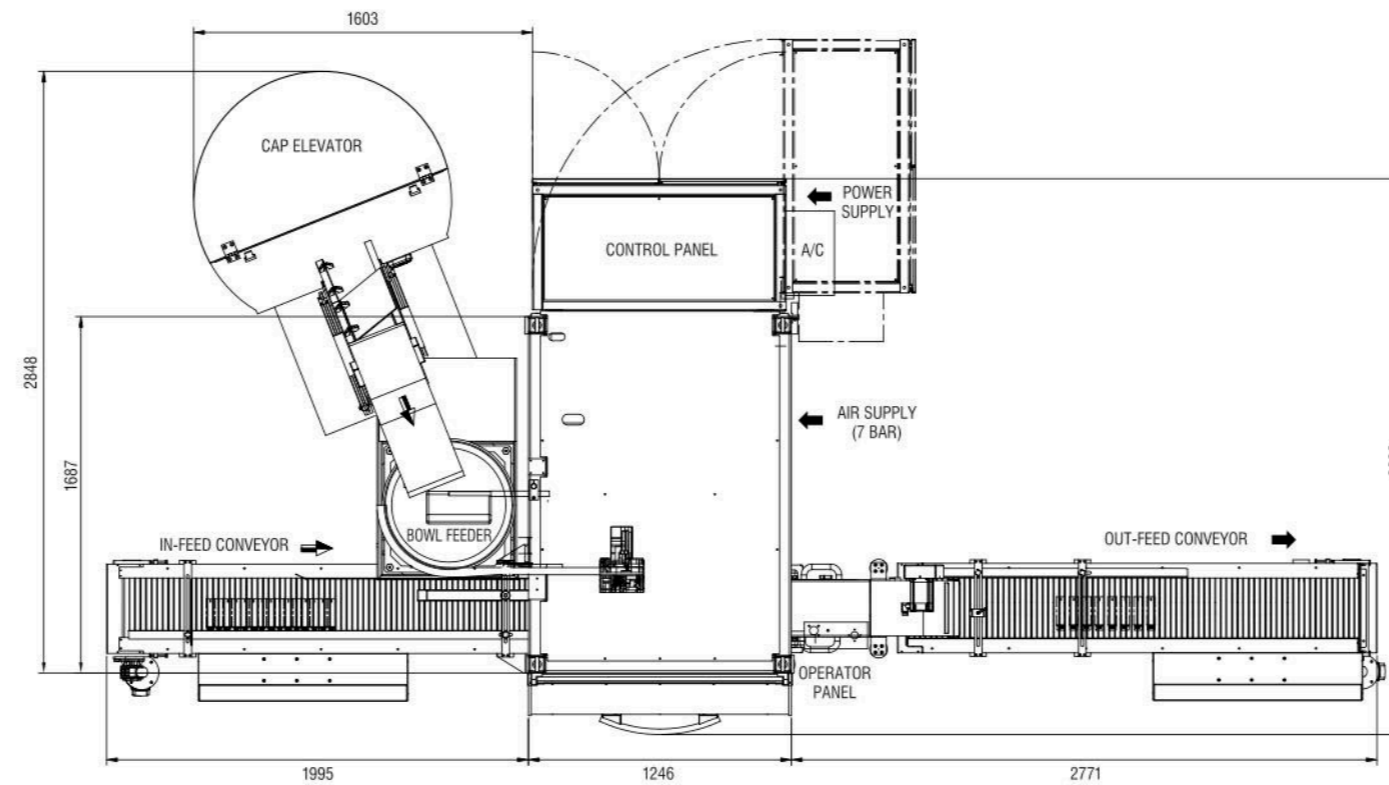


Technical Specification

• Speed*	Round Tube Snap-on Capping – Upto 75 tubes per minute Round Tube Screw-on Capping – Upto 75 tubes per minute Oval Tube Screw-on Capping – Upto 70 tubes per minute Oval Tube Snap-on Capping – Upto 70 tubes per minute
• Tube Diameter	Dia 19 mm to 60 mm
• Tube Length with Cap	80 mm to 240 mm
• Cap Height	10 mm to 45 mm
• Positioning accuracy of Flip top cap and print mark position on the tube	+/-2mm
• Torque tightening accuracy in case of screw-on caps	+/- 2 kg.cm
• Torque tightening range	From 5 kg.cm to 15 kg.cm
• Electrical Connection	3 x 415 Volts AC x 50 Hz, 15 KW
• Pneumatic Connection	6 to 8 bar. Dust, Water and Oil free
• Air Consumption	330 Lpm
• Memory for Program Storage	Upto 500 recipes
• Operation	Fully automatic
• Machine dimensions	Length 6.2m / Depth 2.7m / Height 2.8m
• Standard color	Combination of RAL 9016 white and blue
• Layout	Tube flow from left to right

*Depends upon diameter & type of cap & tube
Due to continual improvements Specifications and features are subjected to change without notice.

Layout



All dimensions are in mm
Minimum roof height required : 4 m

Options

- Top sealing attachment
- Modem - for remote diagnostic
- Screw-on capping attachment
- Tube packer - for auto filling of tubes in the bulk packing cartons
- Cap elevator - for auto feeding of caps onto vibratory bowl feeder
- Out-feed roller conveyor



Tube Capping Machine

Tube Packer



Cap Elevator



Out-feed Roller Conveyor

G - 49, M.I.D.C., Ambad, Nashik - 422010. INDIA
Ph.: +91-253-6627300, 6605611. Fax: 2381474
Email: info@technoshell.com URL: www.technoshell.com

Third Generation Tube Capping Machine CP-60-OR



CP-60-OR

Kant's Creation-942253174

Third Generation Tube Capping Machine CP-60-OR



SCREW-ON CAPPING WITH CONTROL TORQUE TIGHTENING



SNAP-ON CAPPING WITH HIGH ACCURACY



OVAL TUBE SNAP-ON CAPPING

OVAL TUBE SCREW-ON CAPPING

High Speed, Highly Accurate Capping Machine to fix Screw-on Caps and Oriented Snap-on Caps on Oval and Round Plastic and Laminated Tubes

This high speed (upto 75 tubes/min), highly precise capping machine is suitable for:

- Snap-On Capping With Servo Driven Orientation and Linear Motor Assisted Mechanism
- Screw-On Capping With Servo Controlled Torque Tightening Mechanism

Machine Description

The 12 mandrel turret of the CP-60-OR is indexed by a mechanical indexer and the functions performed at various stations are:

- 2 stations for tube loading on the mandrel
- 2 stations for Top Sealing (optional)
- Snap-on capping with tube and cap orientation and Linear Motor assisted capping
- Screw-on capping (optional)
- Screw cap tightening with pre-settable torque control
- Tube unloading from the mandrel onto servo driven out-feed bucket conveyor
- 'GOOD TUBE / BAD TUBE' selection
- In-feed roller conveyor for tube feeding
- 'Star Wheel' arrangement for loading tubes on the mandrel.
- 'Vibratory bowl feeder' for cap feeding
- 'Cap elevator' (optional) to ensure caps are fed to the bowl feeder in timely manner



TOP SEALING



Features & Benefits

Operator Friendly and Simplicity – Ease of operation

- Icons for pictorial representation of functions on the state-of-the-art touch screen operator panel
- Large front door



Quick Change-over and Easy Settings – 'Small batch size – Not a problem anymore'

- Access to the change part is from the front
- Adjustment for different size setting is quick and precise -thanks to knobs and scales provided on the slides
- TUBE-TEST mode for setting the machine with minimum number of tubes
- Recipe storage for quick recall of previous settings



Accurate and Flexible – Always meet customer demand

- Snap-on capping with options for Screw-on capping and top sealing
- Sophisticated 'Linear Motor' assisted capping
- 'Servo Motors' for Tube Loading, Unloading, Cap Orientation, Tube Orientation and Controlled Torque Tightening
- The Capping machine can be coupled with our 'Tube Packer' and 'Tube Labeler'
- Stepper motor operated foil drive mechanism ensures optimal consumption of sealing foil



Sorting 'Good tubes / Bad tubes' – Get rid of improper capping complaints



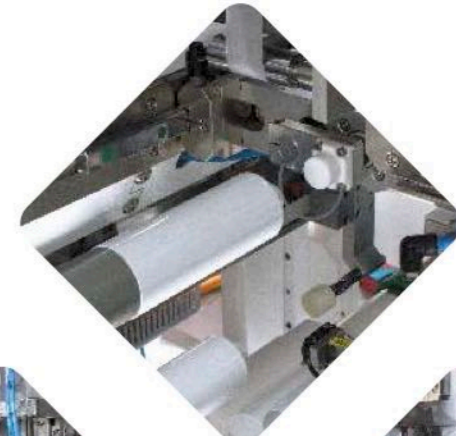
Surveillance and Maintenance – Minimum Down-Time

- Elaborate diagnostic features
- Alarms for various stoppages and the same is displayed on the screen
- Remote diagnostic facility can be offered for providing service for software related diagnostics
- The large front viewing window. Doors from front, side and rear for very easy access to all the assemblies
- Standard component from globally reputed manufactures

Operations



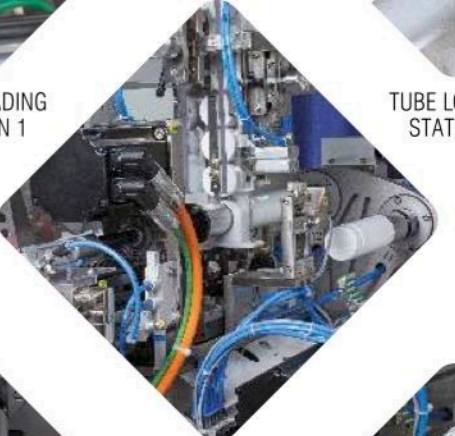
TUBE LOADING STATION 1



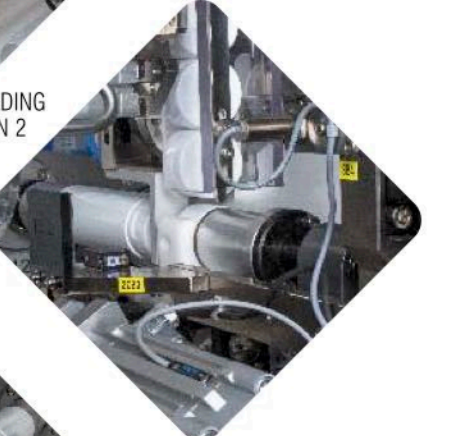
TUBE LOADING STATION 2



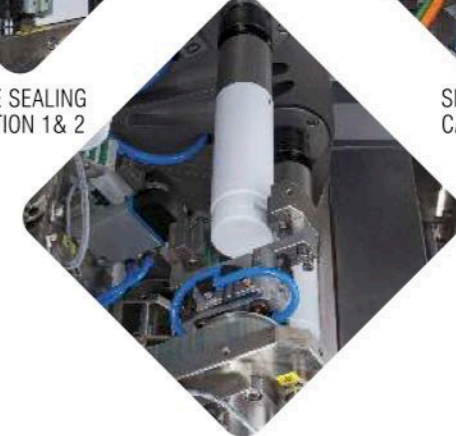
TUBE SEALING STATION 1 & 2



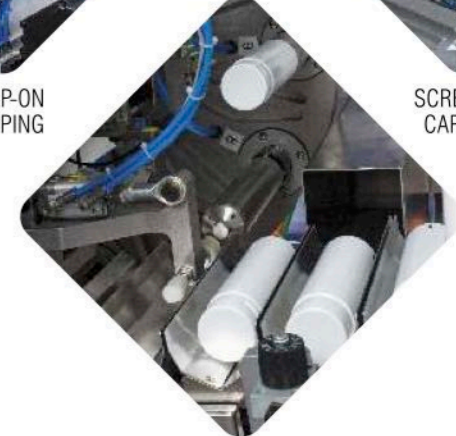
SNAP-ON CAPPING



SCREW-ON CAPPING



TORQUE TIGHTENING



TUBE UNLOADING STATION

*Graphics shown on the various tubes are the property and trademark of the respective brands