

Complete Water Bottling & Packaging Machinery

RO plants, PET blowing, filling & capping, labelling, coding and shrink packaging — individual machines or a fully integrated turnkey line.



[ABOUT](#)[COMPANY PROFILE](#)

ONE PARTNER, THE COMPLETE LINE

Machinery That Helps You Produce More

Bharat iON Systems manufactures **world-class** machinery for the water, beverage and packaging industry — from RO purification to blowing, filling, labelling, coding and shrink packaging, backed end-to-end by one accountable team.

RO → Pack

Complete line

6000

BPH, up to

09

Core machines

Pan-India

Service

THE PRODUCTION FLOW

1

RO Purification

2

PET Blowing

3

Filling & Capping

4

Labelling

5

Batch Coding

6

Shrink Packing

Individual machines or a fully integrated turnkey line — supplied, installed, trained and supported across India.

www.bharationsystems.com

01

MACHINERY RANGE

Our Machinery, In Detail

Nine core machines that together form a complete packaged-water and beverage line.

PET BOTTLE MANUFACTURING

Semi-Automatic PET Blowing Machine

1200 BPH

MAX OUTPUT

8 Ton

CLAMPING



Auto-Drop System



Low Power Use



Quick Mould Change



1-Year Warranty

TECHNICAL SPECIFICATIONS

Mould Cavities	1 / 2	Clamping Force	8 Ton
Bottle Volume	100 ml – 2 L	Blowing Pressure	18 – 26 kg/cm ²
Output	1000 – 1200 BPH	Operation	Hydro-Pneumatic

A dependable auto-drop stretch blow moulding machine for start-ups and growing plants — hygienic PET bottles with a compact footprint and low running cost.

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PET BOTTLE MANUFACTURING

Hand-Feed Automatic PET Blowing Machine

3500 BPH

MAX OUTPUT

**4** Cav.

CAVITIES



Automatic Cycle



Cost-Efficient



Even Walls



Easy Service

TECHNICAL SPECIFICATIONS

Mould Cavities	2 / 4	Heating	Infrared Oven
Bottle Volume	100 ml – 2 L	Clamping	Hydraulic
Output	Up to 3500 BPH	Power	12 – 18 kW

An automatic blow cycle with simple manual preform feeding — higher output at low cost with consistent bottle quality.

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PET BOTTLE MANUFACTURING

Fully Automatic PET Blowing Machine

6400 BPH

MAX OUTPUT

6 Cav.

CAVITIES



Servo Stretch-Blow



Air Recovery



High Speed



Robust Build

TECHNICAL SPECIFICATIONS

Mould Cavities	2 / 4 / 6	Drive	Servo
Bottle Volume	200 ml – 2 L	Control	PLC + HMI
Output	Up to 6400 BPH	Feeding	Auto Preform Feeder

High-speed servo blow moulding with automatic preform loading for large plants — built for consistent, high-volume production.

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WATER TREATMENT

Industrial RO Water Treatment Plant

10000 LPH

MAX CAPACITY

4+ Stage

PRE-TREATMENT



IS 10500 Water



Auto Controls



High Recovery



SS / FRP Build

TECHNICAL SPECIFICATIONS

Capacity **250 – 10,000 LPH**Pre-treatment **MMF + Carbon + Softener**Membranes **Spiral-wound TFC**Dosing **Antiscalant + Chlorine**Body **SS / FRP**Options **UV + Ozone**

Multi-stage reverse osmosis for safe, IS 10500-grade packaged drinking water — turnkey plants sized to your capacity with automatic operation.

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FILLING & CAPPING

Station Filler (Bottle Filling Machine)

1500 BPH

MAX OUTPUT

8 Head

FILLING



Drip-Free Nozzles



Adjustable Fill



Hygienic Build



Easy to Clean

TECHNICAL SPECIFICATIONS

Filling Heads	4 – 8	Fill Type	Gravity / Volumetric
Bottle Volume	200 ml – 5 L	Contact Parts	SS 304 / 316
Output	500 – 1500 BPH	Capping	Manual / Semi-auto

Economical multi-head filling for small and medium bottling lines — hygienic stainless build with drip-free, adjustable filling.

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FILLING & CAPPING

Automatic Rinsing Filling & Capping Machine

6000 BPH

MAX OUTPUT

3-in-1

MONOBLOC



Synchronised



No-Bottle No-Fill



SS 304 / 316



High-Speed

TECHNICAL SPECIFICATIONS

Configuration	24-18-6 / custom	Rinsing	Gripper type
Output	2000 – 6000 BPH	Capping	Magnetic torque
Bottle Volume	200 ml – 2 L	Contact Parts	SS 304 / 316

A 3-in-1 monobloc that rinses, fills and caps in one hygienic, high-speed operation — the heart of a modern bottling line.

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LABELLING

Automatic Sticker Labelling Machine

6000 BPH

MAX OUTPUT

±1 mm

ACCURACY



Servo Controlled



Wrinkle-Free



Fast Changeover



Coder-Ready

TECHNICAL SPECIFICATIONS

Output	Up to 6000 BPH	Accuracy	± 1 mm
Label Material	OPP / BOPP / Paper	Control	Servo + PLC
Bottle Shape	Round	Add-on	Online coder

Servo-controlled self-adhesive labelling for crisp, consistent branding — wrinkle-free application at high speed.

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SECONDARY PACKAGING

Automatic Shrink Wrapping Machine

12 /min
PACKS**24** pack
MAX SIZE

Web Sealer + Tunnel



Energy Saving



Tight Wrap



Low Upkeep

TECHNICAL SPECIFICATIONS

Film	LDPE / POF	Tunnel	SS heat chamber
Output	Up to 12 packs/min	Control	PLC
Pack Sizes	6 / 12 / 24	Sealing	Web sealer

Groups bottles into transport-ready multi-packs through a heat-shrink tunnel — tight, uniform wraps with energy-efficient heating.

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CODING & MARKING

Batch Coding Machine

4 Lines

PRINT LINES

HD

RESOLUTION



Non-Contact



Fast-Drying



Logo + Barcode



Low Maintenance

TECHNICAL SPECIFICATIONS

Type	Inkjet (CIJ / DOD)	Ink	Food-grade, fast-dry
Print Lines	1 – 4	Interface	Touchscreen
Speed	Line-synced	Codes	Text / Logo / Barcode

High-resolution non-contact coding of batch, MFG/EXP dates and MRP at full line speed — fast-drying, food-grade inks.

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FILLING & CAPPING

4-Nozzle Semi-Automatic Filler

1000 BPH

MAX OUTPUT

4 Noz.

NOZZLES



Drip-Free Filling



Adjustable Volume



SS 304 Contact



Easy to Clean

TECHNICAL SPECIFICATIONS

Nozzles	4	Fill Type	Gravity / Volumetric
Output	500 – 1000 BPH	Contact Parts	SS 304
Bottle Volume	200 ml – 2 L	Operation	Semi-Automatic

A compact semi-automatic bottle filler with four nozzles for accurate, consistent filling of water and beverages — ideal for start-up and small bottling units.

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FILLING & CAPPING

Semi-Automatic RFC Filling 4-Head Machine

1500 BPH

MAX OUTPUT

4 Head

RINSE-FILL-CAP



3-in-1 Monobloc



Hygienic Rinse



SS 304 Contact



Compact Footprint

TECHNICAL SPECIFICATIONS

Heads	4 (Rinse-Fill-Cap)	Rinsing	Gripper type
Output	800 – 1500 BPH	Capping	Screw / Press
Bottle Volume	200 ml – 2 L	Contact Parts	SS 304

A semi-automatic 3-in-1 rinsing, filling and capping machine with four heads — hygienic bottling in a compact footprint for small and medium plants.

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USE

APPLICATIONS

WHERE IT IS USED

Applications & Industries

Packaged Drinking Water Plants

Mineral Water Bottling Units

Beverage & Juice Filling

Carbonated Soft Drink Plants

Dairy & Liquid Packaging

Distributors, Dealers & OEM

Our machinery powers packaging lines across a wide range of liquids and businesses.

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WHY

BHARAT ION

WHY CHOOSE US

Built Around Your Success

01

Single Accountable Partner

One team supplies, installs and supports your whole line.

02

Right-Sized For You

Configurations matched to your output, budget and space.

03

Installation & Training

On-site commissioning and operator training included.

04

Genuine Spares & Service

Prompt after-sales support and authentic spare parts.

05

Manufacturer Pricing

Direct-from-maker value, with no middlemen.

06

Robust, Hygienic Builds

Food-grade stainless construction, built to last.



LET'S TALK

Let us build your bottling plant.

Share your target capacity and city — we'll prepare a tailored machine list and budget, then supply, install and support the complete line, end to end.

Get a Free Quote & Plant Plan

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