



WATERMAN ENGINEERS



For the last twenty-five years Waterman Engineers has been setting new benchmarks in the field of Mineral Water Bottle Packaging Machinery through constant research, innovation and implementation of modern technology in manufacturing. The company has manufacturing facility in Ahmedabad, India.

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Mineral Water Packaged Bottled Project

With intention the best quality of water, we design & install turnkey system of mineral water plants incorporating the equipments & components. We offer a single convenient source for all system accessories, including pre treatment, filtration, Disinfection & packaging of water.

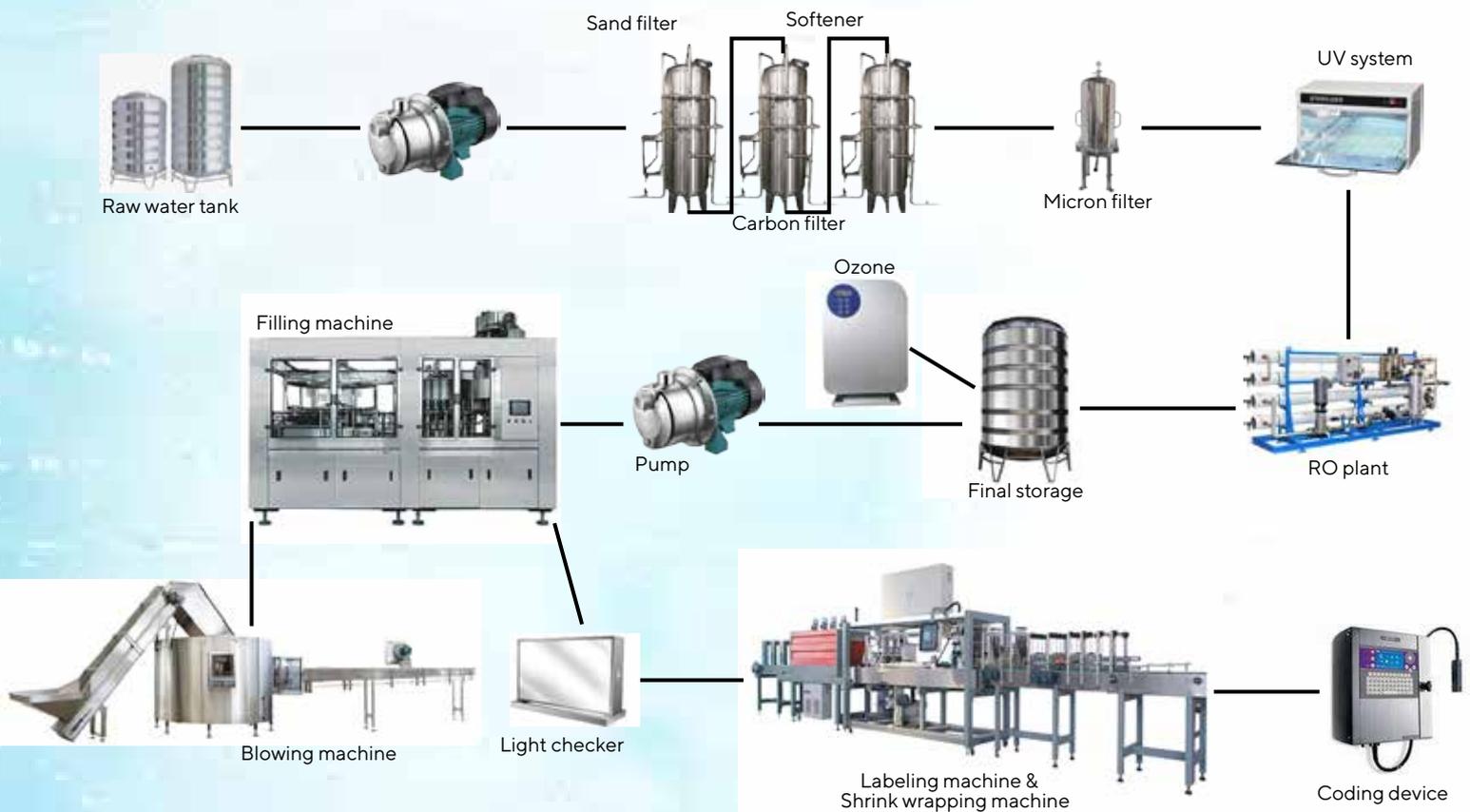
The Project Involves Machinery:

- ◆ Mineral Water Plant Cup Filling Machine
- ◆ Jar Washing/ Filling Machine
- ◆ BOPP Labeling Machine / Label Shrink Machine
- ◆ Automatic Rinsing, Filling & Capping Machine
- ◆ Shrink Wrapping Machine
- ◆ Semi/ Automatic PET Blow Moulding Machine
- ◆ Batch Coding Machine
- ◆ Automatic Bottle Rinsing, Filling & Capping Machine
- ◆ Water Chiller Automatic Pouch Packing Machine

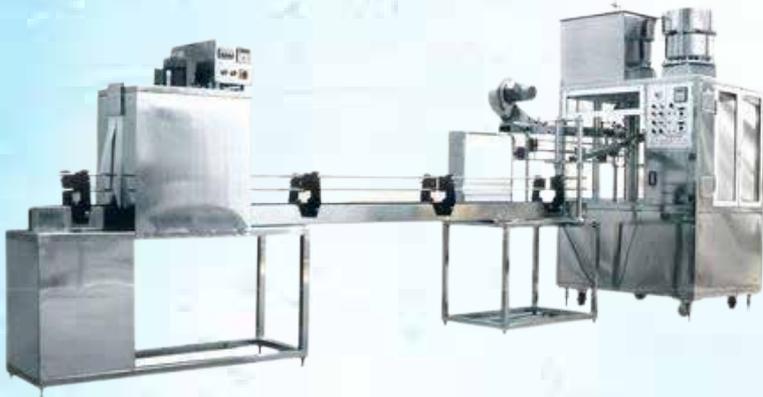
Mineral Water Plant Comprises of:

- ◆ Raw Water Pump
- ◆ High Pressure Pump
- ◆ Chlorine Dosing System
- ◆ Reverse Osmosis System
- ◆ Multi Media Filtration
- ◆ Stainless Steel Storage Tanks
- ◆ Activated Carvon Filter
- ◆ Micron Cartridge Filtration
- ◆ Ultra Filtration (Optional)
- ◆ UV Sterilization
- ◆ Anti Scalant Dosing System
- ◆ Ozone Disinfection System

- ◆ **Bottle Blowing & Filling Range** : 200 ml - 2000 ml
- ◆ **Blowing Machine Output** : 800-1500 BPH (Semi-Automatic)
: 1800-6500 BPH (Automatic)
- ◆ **Filling Machine Output** : 24 (Semi-Automatic) 30-150 BPM (Automatic)



24 BPM Semi-Automatic Filling Machine



- ◆ Machine fully in S.S - 304 and all product contact parts in S.S - 316 quality.
- ◆ Machine can be made for hot fill products or cold fill carbonated drinks.
- ◆ UV sterilization operation.
- ◆ Fitted with PLC control.
- ◆ Elevator / Vibrator for automatic applying of caps.

Type	Multi Head Rotary Type
Max. Bottle Volume	2 Liter
Neck Diameter Range	28-30mm
Max. Container Diameter	95mm
Max. Container Height	360mm
Filling Range	200 ml to 2000 ml
Filling Head	4
Washing Jet	2
Capping head	1
Output/Min.	24 bottles/min
Power	2 Kw to 4 kW

30-150 BPM Automatic Filling Machine



Includes:

- ◆ Cap Elevator/Capping Bowl
- ◆ Infeed Air Conveyor : SS 304 6ft* (8ft for 60 150 BPM) Output Conveyor
- ◆ Output Conveyor : SS 304 10ft* (16ft for 60 BPM)
- ◆ Shrink Tunnel :20ft for 90-150BPM)
- ◆ Inspection Screen

	WMLFM-30	WMLFM-40	WMLFM-60	WMLFM-90	WMLFM-120	WMLFM-150
Type	Multi Head Rotary Type	Multi Head Rotary Type	Multi Head Rotary Type	Multi Head Rotary Type	Multi Head Rotary Type	Multi Head Rotary Type
Max. Bottle Volume	2 Liter					
Neck Diameter Range	28-30mm	28-30mm	28-30mm	28-30mm	28-30mm	28-30mm
Max. Container Diameter	95mm	95mm	95mm	95mm	95mm	95mm
Max. Container Height	360mm	360mm	360mm	360mm	360mm	360mm
Filling Range	200 ml to 2000 ml					
Filling Head	6	8	10	16	20/18	24
Washing Jet	6	8	10	16	20/18	24
Capping head	3	4	4	6	8	8
Output/Min.	30 bottles/min	40 bottles/min	60 bottles/min	90 bottles/min	120 bottles/min	150 bottles/min
Power*	5kW	5.5kW	6kW	6.5kW	7.5kW	8kW

20 Ltr Jar Rinsing Machine

The Jar Rinsing, M/c is Semi-automatic type to wash Pet Jar of 20 Lit

Model Number	DG02T-100
Production capacity	60 Jars / Hr
Rinsing Capacity	60 BPH
Bottle Size	270 x 490 x 56
Lid Description	58 x 40
Voltage	380 V / 3 Ph / 50Hz
Total Power	2 Kw
Wash Cycles	2
Wash Contact Time	20 Seconds
Stainless Steel Grade	304
Washing heads	1/2



20 Ltr Jar Filling Machine



- ◆ Machine fully in S.S - 304 and all product contact parts in S.S - 316 quality.
- ◆ UV sterilization operation.
- ◆ Fitted with PLC control.

Model Number	JF-20/1-100	JF-20/2-200
Production capacity	100 Jars / Hr	200 Jars / Hr
Bottle Size	270 x 490 x 56	270 x 490 x 56
Total Power	2.5 kW	3.5 kW
Wash Contact Time	20 Seconds	20 Seconds
Stainless Steel Grade	304	304
Washing heads	1	2
Filling Heads	1	2
Capping Heads	1	2

Automatic Sticker Labeling Machine

Automatic Single side Sticker Labeling Machine. This model is suitable to apply full/ partial self-adhesive labels on different size of round shape container having all surfaces.

A sophisticated label dispenser system synchronizes all the labeler components, allowing the speed to be regulated with a single point and maintaining precise labeling even during start-up, stopping or slow down stages, synchronized with the entire line.

Capability of this model is labeling up to 120 BPM depending on products and label size.



Type	Roll form sticker labeling type
Max. Bottle Volume	2 Liter
Neck Diameter Range	28-30mm
Max. Container Diameter	95mm
Max. Container Height	360mm
Labeling Range	200 ml to 2000 ml
Output/Min.	20 - 40 bottles/min (For Round Bottles) 20 - 120 bottles/min (For Square Bottles)
Power	4 Kw
Working part	SS/PP / Nylon and Teflon as required.
Conveyor length	6 ft

BOPP Labeling Machine



Type	Hot Glue BOPP labeling type
Max. Bottle Volume	2 Liter
Neck Diameter Range	28-30mm
Max. Container Diameter	95mm
Max. Container Height	360mm
Labeling Range	200 ml to 2000 ml
Output/Min.	60 - 120 bottles/min (For Round Bottles)
Power	7.5 Kw
Working part	SS/PP / Nylon and Teflon as required.
Conveyor length	8 ft

The BOPP Labeler machine separate one label from the roll, puts glue to the label, and applies it accurately to your product.

The BOPP Labeler is the perfect machine for any high-volume Hot Melt Glue labeling projects that requires the application of plastic label to a cylindrical container.

Another great feature of this machine is the fast and easy changeover. Its quick-change capability allows for 30 - 60-minute changeovers requiring only a single tool. Less downtime means more production.

Frame structure and Side cover will be of S.S-304 material rest parts contact parts will be also in SS-316.

Rotary Turret For label holding attachment for labeling.

Hot Melt Glue Dispenser Unit

S.S In feed S.S out feed conveyor.

Shrink Wrapping Machine



Sealing Dimension	28" (Inch) sealing arm for front sealer.
Power Consumption	15 KW
Power Supply	440V / Output
Machine Output	2-3 Packs/Minute
Infeed Conveyor	Slate Chain Conveyor (motorized)
Sealing Knife	Continuously heating Teflon Coated Sealing Knife 28" Long with filmGuard
Top Unwinding	Auto unwinding with motorized 0.25 HP
TUNNEL CONVEYOR	
Motor	1 HP AC Motor + Gear Box
Tunnel Opening	24" (W) x 18" (H)
Tunnel Heating Zone	60" (L)

The automatic sealing and cutting series are applied to the collective packing in food can, beverage, alcohol, daily chemical products and daily-life necessity (applicable to round shape, square shape and flat shape).

FEATURES OF THE SEALING & SHRINKING MACHINE.

Roll films to complete the whole process of bagging, filling, sealing and cutting automatically with high packing speed.

PLC control to reduce the number of mechanical contacts, contributing to a more stable system and easier maintenance.

Frequency-conversion step-Less speed adjustment featuring easiness and simplicity.

Photoelectric detection control featuring stability and reliability.

Fully Automatic Web Sealer with Shrink Wrapping Machine



Sealing Dimension	28" (Inch) sealing arm for front sealer.
Power Consumption	24 KW
Power Supply	440V / Output
Machine Output	5 Packs/Minute
Infeed Conveyor	S.S.304 Slate Chain Conveyor (motorized)
Sealing Knife	Continuously heating Teflon Coated Sealing Knife 28" Long with film Guard
Top Unwinding	Auto unwinding with motorized 0.25 HP
TUNNEL CONVEYOR	
Motor	1 HP AC Motor + Gear Box
Tunnel Opening	24" (W) x 18" (H)
Tunnel Heating Zone	60" (L)