



YAK TECH

Leading Engineering Solution Provider In Beverage
Field and manufacturing



Mineral Water

100% Natural

www.yaktech.in



ABOUT US

YAK TECH is a leading engineering solution provider in beverage field & manufacturing.

YAK TECH has been established on 2024 and offer the complete engineering services in the field of bottling industry.

Mr. Kotreshi Yeligar is Proprietor in this company has executed several bottling plant projects on turnkey basis in India .

The company has the privilege of having very capable team of engineering who are quite

experienced in project planning, manufacturing and engineering services on turnkey basis in

the field of bottle packing industry.

we offers our services in the following fields:

BOPP Labelling Machine, Water Filling Machine, Juice Filling Machine, Shrink wrapping Machine, RO Plant

Spare Parts:

Labelling Machine Change Part, Nylon Guides, Worm Gears, SS Storage Tanks and all

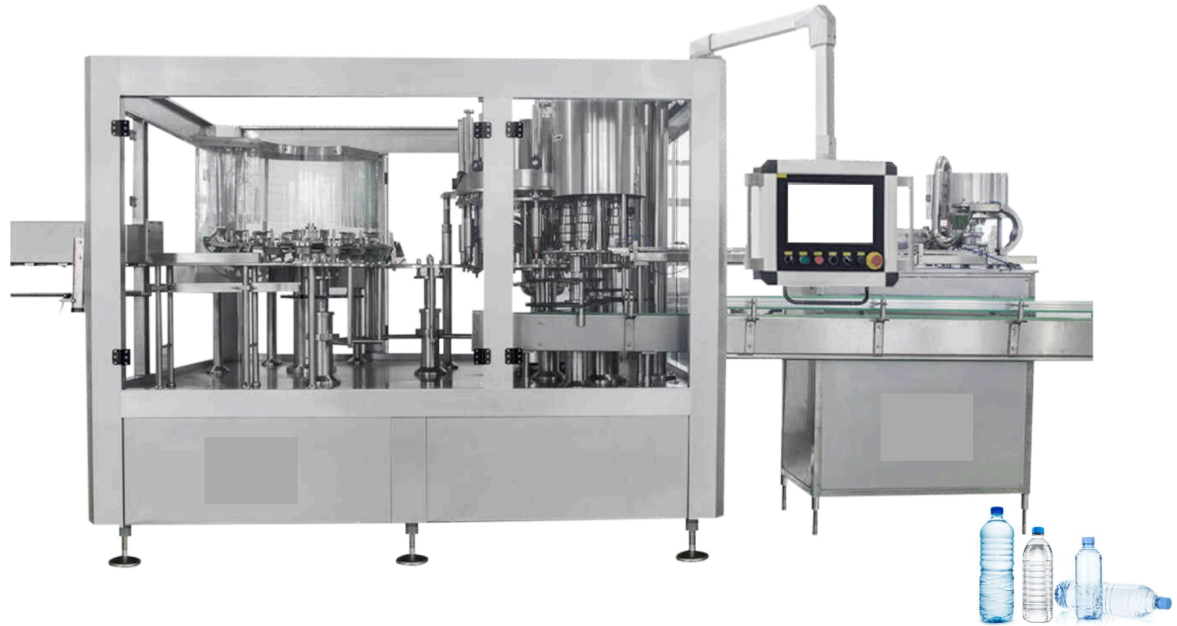
kind of filling machine spare parts

USE AND TRUST

Why us?

- Product, Service and support are renowned for top quality technology and reliability
- State of art manufacturing facilities and machinery
- Efficient technical support
- Strict delivery as per the time lines of the client.

WATER RINSING FILLING CAPPING MACHINE



The complete bases frame of the machine is made of SS 304 Square Pipes & Sheet. The center Column assemble & start housing of the Machine is also made of SS 304 the filling valve are as per international Standard the speed of machine controlled by Siemens make variable frequency drive. the liquid level in the filler tank is automatically by electronic probe and pneumatic valve. the electrical panel is also made of SS 304 Material.

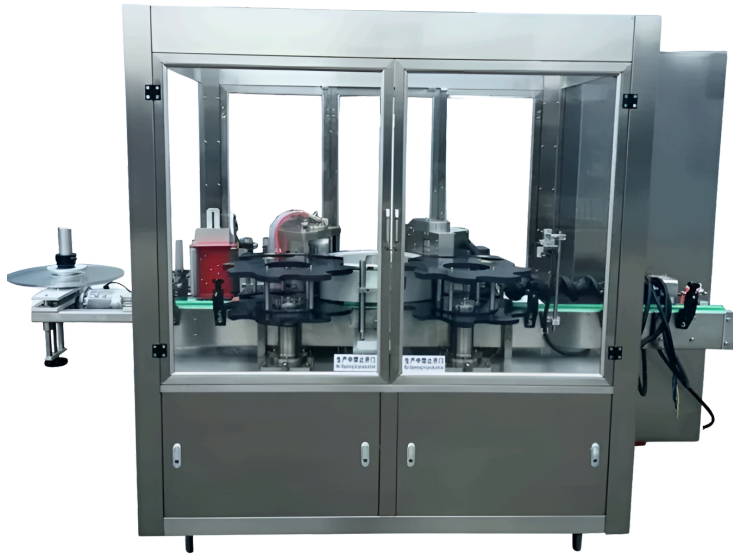
This machine is suitable for filling glass or pet bottles, from 0.2 lt. to 2.0 lt. bottles for products like mineral water, non-carbonated/Carbonated soft drinks & Soda etc. The conveyor for bottle transfer is also made of SS 304 Auxiliaries Required

Auxiliaries Required -

1. Automatic Cap Elevator
2. Inspection Light
3. Heat Shrink Tunnel
4. In-feed Air Conveyor
5. Out-feed slat chain Conveyor
6. Bottle Collecting Table
7. Rinser
8. Capper

BPM For 1 Litre	Rinsing Heads	Filling Heads	Capping Heads	Electric Power in Kilo Watt	Dimensions (MM) Approx		
					L	B	H
40	8	9	4	5.0	2400	1250	2000
60	12	12	5	7.0	2800	1350	2000
90	18	18	9	7.5	3000	1800	2000
120	24	24	12	10.0	3300	2000	2000
150	30	30	15	10.0	3600	2200	2000
200	40	40	20	10.0	4000	2400	2000
250	45	45	20	10.0	4200	2500	2000
300	50	50	20	10.0	4500	2600	2000

ROLL- FEED BOPP LABELLING MACHINE



The continuous label roll-feed labelling machine is a fully automatic machine with electro-pneumatic controls. The base, label cutter assembly and glue assembly of the machine is made of Mild Steel and Alloy steels with duly painted / hard chromed. The conveyor, which is passing through the machine, is made of S.S.304 and chain is made of thermo-plastic. The shafts, column assembly and star housings are made of stainless steel. All guides and stars are made of S.S.304, UHMWPE, and Nylon. The machine is covered with S.S.304 frame and acrylic sheets work. The machine operation is controlled by Delta make PLC/ Touch Screen and speed is controlled by Delta make Variable frequency drive. This Machine is Available in Variety of 50 BPM To 400 BPM for 200 ML to 2.5 Ltr. Bottles.

TECHNICAL DETAILS OF AUTOMATIC LABELLING MACHINE:

Electrical load: 15HP (10KW)

2. Vacuum pump is 2.0HP, 1440RPM, 440Vac.

3. MOTORS:

- (A) Main motor is 3.0HP, 1440RPM, 440VAC.
- (B) Conveyor motor is 1.0HP 1440RPM, 440Vac.
- (C) Glue tank motor is 0.5HP 1440RPM, 440Vac.
- (D) All motors are by make roto motive company.

4. Gearboxes.

- (A) Main motor gearbox is 1:30 ratio, 100 frames, ALM 90.
- (B) Conveyor motor gearbox is 1:30 ratio 60 frame, ALM50.
- (C) Glue tank motor gearbox is 1:80 ratio, 40 framesALM30.

4. Servo motor is 2.0HP (1.5kw), 230VAC.that is delta company.

5. Encoder is 05 VDC, 5000 PPR, which is Panasonic Company.

6. SENSORS:

- (A) Print mark sensor is 24VDC, which is data logic company.
- (B) Photoelectric sensor is 24VDC, which is Panasonic company
- (C) Proximity switch sensor is 05VDC, which is data logic company.

7. DRIVES:

- (A) Main drive is 5HP (3.7KW), which is by delta make.
- (B) In feed conveyor motor drive is 1HP (.75KW), which is by delta make.
- (C) Out feed conveyor motor drive is 1HP (.75KW), which is by delta make.

8. PLC: PLC (Programmable Logic Control) is by delta make.



AUTOMATIC SHRINK WRAPPING MACHINE



Automatic Shrink Wrapping Machine for Water/Beverage Bottle Packing 200ML to 2000ML.

- With Adjusting Guide for Packing of different size & Packing of bottle
- Single Track Conveyor
- Motorized Feeder For Feeding of Bottle
- Heat Shrink Tunnel with Air Blower 6 to 8 fit.
- Heater Controlled with Temperature
- Controller as per requirement
- Supply 3 Phase, 400 to 420 V
- Operating with Display panel
- Air required 5 to 10 KG.

SI No	Particulars	Make
1	Machine Structure, Conveyor and door will be marked with Stainless Steel	Mild Steel
2	PLC CPU Used with Height Speed input and out-put	Controller/ Delta
3	Operating Panel with 5.7" Touch Screen colour Touch Screen	Schneider/ Delta
4	AC Drive used for machine speed Control and Power Saving	Schneider/ Delta
5	Sensor used of high Quality	Sickindia/ bei
6	Pneumatic system / Cylinder	Janatics
7	ON Line Slate Chain Conveyor Transfer	Stainless Steel
8	AC Motor	Bonvorio/Crompton
9	Electrical Control Panel will be Separate	Stainless Steel
10	Air Flow Control with Rota- meter with multi valve	Janatics
11	Bottle transfer Section & Side Guide	SS & Backlight Sheet

REVERSE OSMOSIS (RO PLANT)



Reverse osmosis (RO) is a process of physical separation of dissolved solids and minerals present in water. This technology uses the principle of osmosis wherein the mineral concentration of raw water is reduced by applying high pressure through a semi-permeable membrane.

Our offered reverse osmosis systems are designed and developed to remove salt contamination from brackish water sources. These systems feature improved water purity, low energy consumption, and minimal CO₂ emission. We are a well-renowned quality-driven company and follow different standards at our production wing.

AUTOMATIC STICKER LABELLING MACHINE



OUR VALUABLE CLIENTS



OUR ALL PRODUCT LIST:

- Water Filling Machine
- CSD Filling Machine
- Juice Filling Machine
- Oil Filling Machine
- Liquor Filling Machine
- Bopp Labelling Machine Use and t
- Sticker Labelling Machine
- Shrink Sleeve Applicator
- Shrink Tunnel
- Semi Automatic Shrink Wrapping Machine
- Automatic Shrink Wrapping Machine
- All Types of Conveyor
- Cap Elevator
- Batch Coding Machine



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