

# LIQUID FILLING MACHINERY



### LIQUID FILLING MACHINERY

We are the FIRST IN INDIA having the eligibility to supply any kind of Packing Machinery in Complete Liquid Line starting with Washing, Filling, ROPP Cap Sealing, Sticker Labeling Machinery, Turn Table, Pre Inspection Conveyor for Empty Bottle with magnified glass, Inspection conveyor with Black & White Booth, Packing Conveyor many more as per Customer's Requirement and Drawings, manufactured IN HOUSE.

# SEMI AUTOMATIC LIQUID FILLING MACHINE



We have wide range of Semi Automatic Twin Heads Volumetric Liquid Filling Machine. These kinds of machines are widely used for packaging of oil, shampoo and syrups. We have designed and fabricated these machines as per the international industry standards for ensuring the rigid construction, high functionality and maximum output of these machines.

### **Salient features:**

- S. Elegantly matt finished body.
- Simple Design.
- Easy to operate.
- Low Power Consumption & Maintenance Free
- Highly Accurate
- Range: 5ml. to 1000ml.
- Speed: 300 to 1500 containers / Hour depending on volume / viscosity of the liquid to be filled.
- Packing Material : Bottles, Jars
- Rigid vibration free construction for trouble free performance.
- Minimum change overtime, from one size to another container or fill size.
- Power: 440 volts / 3 phase (4 wire system)
- Weight: Approx 100 Kg.

**Application:** Edible Oil, Hair Oil, Juices, Sauce, Lubricating Oil, Shampoo, Pharmaceutical Drugs etc.

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# **Washing Machine**



### **Washing Machine**

- ROTARY WASHING
- LINEAR WASHING
- AIR JET WASHING
- MLTI JET WASHING
- SEMI WASHING

### We manufacture and supply all type of bottle washing machine.

- Geneva
- Four inner (Included one air wash) & one outer.
- Seguence of washes to customer's choice.
- Easy operation.
- Stationary nozzles eliminate contamination of water cycles.
- Easy loading and unloading.
- Individual solenoid valve for each washing sequence that eliminates carbon plate and other accessories reduces leakage and maintenance to minimum.
- Higher capacity centrifugal pumps to wash bigger bottles (500 & 1000 ml.).
- The stationary nozzles avoid chipping of bottle necks.
- Pumps and tanks are mounted on portable stand for easy maintenance.
- Bottle guide system especially for lightweight bottle.
- Pumps and Tanks are mounted on portable stand for easy maintenance.
- Separate panel control to avoid any short circuit due to spraying of water.
- S.S. glycerin fill pressure meter.



## **AUTOMATIC FILLING MACHINE**



- VOLUMETRIC FILLING.
- SEMI FILLING.
- LOAD CELL BASE WEAIGHT METRIC FILLING.
- PEDESTALIC PUMP BASE FILLING.

We manufacture and supply all type of Filling machine with Single & Double Head Semi Filling Machine, Automatic Double, Four, Six, Eight & Twelve Head Filling Machine.

- No bottle No filling system.
- Rigid vibration free construction for trouble free performance.
- S. Elegantly matt finished body.
- Elegant and easy control panel for total control on operation.
- Minimum change overtime, from one size to another container or fill size.
- Self lubricating UHMW- PE guide profile for SS slat chain provides low friction wear surface, smooth and noiseless conveying.
- Drip tray under the conveyor.
- Pneumatic bottle stopping arrangement.
- Synchronized two nos. A/C drives for main motor & conveyor.



### **AUTOMATIC ROPP CAP SEALING MACHINE**



We manufacture and supply all type of bottle cap sealing machine with Semi, Automatic Single Head Sealing Machine, Rotary Four, and Six & Eight Head Sealing Machine as per customer speed requirement.

We put forth for our clients a varied range of Semi as well as Automatic Cap Sealing Machine. These are engineered with utmost attention on sturdy welded steel frame and is completely enclosed in a stainless steel sheet in which doors are also provided that facilitate easy servicing of machine. Despite its flawless quality, this machine is offered at industry leading prices.

### Salient Features:

- No container no cap arrangement.
- S. elegantly matt finished body.
- Single motor synchronizes conveyor, star wheel & platform turret.
- Adjustable height of conveyor belt, to align with other machine of the line.
- Sealing pressure can be varied to suit different gauges and size of caps.
- Specially designed hopper is provided to increase storage capacity of bowl.
- Low noise level, low power consumptions.
- Self-lubricating UHMW-PE guide profile for low friction wears surface, smooth and noiseless conveying.
- SS cladding or hard chrome plating of all exposed parts to ensure long life and resistance against corrosion.
- Adjustable bottle height gauge for easy and quick setting.



## ALL TYPES OF STICKER LABELING MACHINE



We manufacture and supply all type of **Automatic Sticker Labeling Machine.** 

- We offer to our clients a vast range of Automatic Labeling Machines.
- Machine is manufactured using highest-grade raw material.
- Precisely engineered using advanced technology, these are of assured sturdiness, high performance and easy to operate.
- We offer these machines in different models ranging form large size bottles or containers.
- These are available at industry leading prices and can be customized as per the requirement from the clients' end.
- On line Printing devise available as per customer label.



### **AUTOMATIC WET GLUE LABELING MACHINE**



We manufacture and supply Semi & Automatic Wet Glue Labeling Machine.

- A/C Frequency Drive for speed control.
- All exposed parts of the unit are S.S, hard chromed or SS claded to ensure long life and resistance against corrosion.
- Adjustable Conveyor Height to align with other machine of the line.
- Minimum changeover time is required from one size of container or label to another.
- Special self-aligning bearing ensure smooth & trouble free rotation of the parts.
- These self-aligning bearing help in quick assemble during periodical maintenance of the unit. They also allow more flexibility in maintaining tolerances.
- No container, No label, an electrical sensing device avoids wastage of labels; it also helps in keeping the unit neat & clean.
- Suitable for overlap labeling and flag type labeling where the length of label is more than the circumference of container.
- A highly efficient vacuum pump develops sufficient vacuum to hold labels big or small on the pick-up cylinder.
- Complete protection of the motors is ensured by the contractors and relays of appropriate ratings.
- Code over Printing Device.
- Safety Guard.



### **TURN TABLE**



### We offer Turn Table.

### **Salient Features:**

- S. 304 elegantly matt finished body.
- Three step pulley for different speed also available with AC VFD (Variable Frequency Drive) included geared motor.
- Special self-aligning bearings ensure smooth and trouble free operation.
- Suitable for different type of container.
- Reduction gears ensure jerk free and noiseless operation.
- Matt Finished body.
- Also available size: 24", 30", 36" & 48"



## **INSPECTION CONVEYOR**



We are instrumental in offering **Inspection Tables** that is designed for visual inspection of filled and sealed bottles. Equipped with a light source, the inspection table picks up the defective bottle as soon as it passes through the illuminated area. These tables are manufacture in different specifications to meet the requirements of various industries accordingly.

- Structure is made of S. S. 304, 30mm sq. Pipe, 16 S.W.G. with matt finish.
- A/C frequency variable drive.
- Belt alignment system for long life and straight running of belt.
- Direct gear drive.
- Length can be made as per customer requirement.
- Adjustable height of conveyor belt, to align with other machine of the line.



### **PACKING CONVEYOR**



Available with us are wide range of **Packing Conveyors** that are rigid and vibration free in construction, with adjustable height conveyor belts. These conveyor offer trouble free performance and are heavily demanded by our clients. Given below are some of the pertinent features of our range of Packing Conveyor:

- Structure is made of S. S. 304, 30mm sq. Pipe, 16 S.W.G. with matt finish.
- A/C frequency variable drive.
- Belt alignment system for long life and straight running of belt
- Direct gear drive.
- Length can be made as per customer requirement
- Adjustable height of conveyor belt, to align with other machine of the line.
- Self-alignment bearing for easy maintenance.



## PRE INSPECTION CONVEYOR



Available with us are **Pre Inspection Conveyors** that are rigid and vibration free in construction, with adjustable height conveyor belts. These conveyor offer trouble free performance and are heavily demanded by our clients. Machine with one seated – magnifying glass with & necessary lights.

- Structure is made of S. S. 304, 30mm sq. Pipe, 16 S.W.G. with matt finish.
- Machine with one seated magnifying glass with & necessary lights.
- Vision Ratio 1:3
- A/C frequency variable drive.
- Belt alignment system for long life and straight running of belt
- Direct gear drive.
- Standard Length: 1525 mm Approx. (5 feet Slate Conveyor.) of 90 mm width. (Length can be made as per customer requirement)
- Adjustable height of conveyor belt, to align with other machine of the line.
- Self-alignment bearing for easy maintenance.



### JACKETED TANK



We offer jacketed tank.

#### Salient features:

- Available from 50 liters to 10000 liters.
- With M.S / S.S jacketed & insulation with SS cladding.
- Direct top mounted stirrer with top dish / without top dish.
- Different type of stirrer i.e. propeller / pedal / anchor available.
- Electrical heating also available for small vessel.
- MOC S.S 304 / 316 as per customer requirement.
- Bottom discharge provided
- Also available in 100, 200, 300, 500, 1000, 1500, 2000 liter capacity.

We offer Storage Tank.

- Available from 50 liters to 10000 liters.
- MOC S.S 304 / 316 as per customer requirement.
- Bottom discharge provided.
- We provided specially designed filling head as per filling machine input pipe.
- Direct top mounted stirrer with top dish / without top dish.
- Different type of stirrer i.e. propeller / pedal / anchor available.
- Also available in 100, 150, 200, 300, 500, 1000, 1500, 2000 liter capacity.



### FILTER PRESS



### **We offer Horizontal Type Filter Press:**

Avail form us superior quality Horizontal Type Filter Press that are offered in two sizes i.e. deep plate for large percentage of cake holding capacity and the shallow one for small percentage of cake holding capacity. This press is enclosed, thereby, preventing evaporation, oxidation and leakage and fumes form escaping the product. It assuring better filtrate quality by preventing the cake dropping or cracking. The Filtration area and cake holding capacity can be increased or decreased as per requirement.



# **MINERAL WATER TURNKEY PROJECT APPLICATIONS**



- PACKAGED DRINKING WATER
- MINERAL WATER BOTTLE
- MINERAL WATER JAR
- MINERAL WATER POUCH
- MINERAL WATER BOWL / CUP
- ADDED MINERAL WATER TECHNOLOGY
- B12 TECHNOLOGY
- FLAVORED WATER



# RISING FILLING CAPING MACVHINE



Acti

# **FULLY AUTOMATIC JAR FILLING AND WASHING MACHINE**



Activ



## **BATCH CODING MACHINE**



## PET BLOW MOLDING MACHINE





### **WATER CHILLER**



### SHRINK WRAPPING MACHINE FOR MINERAL BOTTLE PACKING





### SEMI AUTOMATIC BOX STRAPPING MACHINE



- Power Supply 1ø, 220V (50Hz)
- Driving Motor 1/4HP,220V 200W
- Strap width 6-15 mm
- Dimension: 910mm(L)\*580(W)\*730mm(H)
- Strapping Speed 1.5 Sec/Strap Min.
- Packaging Size 60mm.
- Max. Packaging Size Any Size.
- Weight 100 Kg Sealing Method Heat Sealing.



## **AUTOMATIC BOX STRAPPING MACHINE**



### **Salient features:**

- Arch size 850 x 600 H / mm
- Power supply 415V./440V./50Hz Three Phase Single Phase 220V./50 Hz also Available
- Power Consumption 1 k.w.
- Driving Motor 3 Motors, 1/2 HP, 1/3 HP, 1/3 HP
- Max. Tension 80kgs. S
- tarp Width 9,12,15mm(any one with machine)
- Strapping Speed 2 sec. / Starp
- Strap coil size 0 200mm, 022 mm (optional)
- Min. Package Size 30 mm(H) x 100 mm (W)
- Machine Weight 175 kg.
- Machine G. Weight 250 kg.



# **SHRINK TUNNEL MACHINE**



- Voltage 220V (50/60Hz)
- Power 8.5 KW
- Conveyor Speed 0 10 m/min.
- Tunnel Size 830 \* 400 \* 200 mm
- Conveyor Loading 8 Kg
- Machine Size 1280 \* 760 \* 1360 mm
- Any size available as per customer requirement.



## **BOPP CARTON SEALING MACHINE**



- Model PS IMTB
- **Tape** 1.5",2",3"-Optional
- **Speed** 23 Meters /minute
- Capacity (L) 120 mm -unlimited
- **Capacity (w)** 140mm-500mm
- Capacity (H) 120mm-500mm
- **Voltage** 110/220/240 V 1-Phase
- **Consumption** 450W



## **CONTINUES BAG SEALER MACHINE**



### **Salient features:**

- Voltage 220V- 240V (50/60Hz)
- Power 3.8 KW
- Max. packing Size 550 \* 400 \*300 mm
- Machine Weight 128 KGS
- Machine Size 1400 \* 730 \*1450 mm



## **AUTOMATIC INDUCTION CAP SEALING MACHINE**



- Voltage 110 / 220 V (50-60Hz)
- Power 1.5 KW
- Capacity 0-12 m/min
- Sealing Diameter 30- 130 mm
- Machine Weight 72 Kg.
- Machine Size 1550 \* 550 \* 1350 mm



# PALLET STRATCH WRAPPING MACHINE



#### Salient features:

- Turntable Diameter 1500 mm
- Wrapping Height 2100 mm
- Loading Weight Max. 2000 kg. (4400 ibs)
- Power Supply Single phase or 3 phase 220V/ 380 V/ 415 V 50/ 60 Hz
- Power Consumption
- Electrical magnetic brake (Adjustable)
- Power Consumption Pre-stretch system 1.7 kW Film Carriage System.
- Electrical magnetic brake (Adjustable)
- Turntable Speed 5~15 RPM (Adjustable)
- Film Sec. Film reel core dia. 76mm Film thickness 17~35 microns.



## **BOX STRETCH WRAPPING MACHINE**



## **Specifications:**

- Box Size 31" X 35" X 35"
- Weight Capacity 150 kg.
- Speed Variable
- Stretch 250-300%
- Power 230 V. with plc
- A C motor -3 nos With speed variable With plc operated
- Air Pressure 5 Bar
- M/c. Weight 450 kg Approx



# **Ring Wrapping Machine**



### **Specifications:**

- Wrapping Ring 1400mm I.D
- Ring Rpm 5-50 RPM
- Working Height 50-250 mm( As per Requirement)
- Wrapping Material LDPE Stretch film (23 to 35 micron)
- Wrapping Roll size 25-75mm Core, 100-250 O.D, 125-150 Width
- Ring Motor 1 HP Induction Motor 1440 RPM
- Conveyor Motor 1/2 HP Induction geared Motor (MGM varvel/Bonfiglioli)
- Motors controlled by AC frequency drive (Schneider/siemens)
- Auto Pneumatic Guide for Product ( Auto Adjustment)
- Adjustable guide for all products. ( Auto Adjustment)
- Max Wrapping Product Size 1250W X 3000L X 250H mm
- Infeed Coveyor 1.5 meter (power roller)
- Outfeed Conveyor 1.5 meter (power roller) Control with Plc.
- Pneumatic Janatics/Spec Make
- Switch Gear Siemens
- Automation Siemens / Schneider
- Bearings FAG / SKF
- Robust M.S Construction
- Powder coated body
- Automatic Infeet outfeet conveyor system

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# **Automation of Conveyor System**



**Automated Conveyor system** refers to the induction, separation and diverting of items such as parcels, boxes, cartons, parts, etc. Automated conveyors are best for the transportation of light goods. These conveyors are known in the industry for its optimized & reliable conveyor solutions and reduction of manual handling,

**Conveyor System Automation** is used when bulk material is transported to different destinations and the requirements are too great for manual labor to accomplish. It allows smooth processing. These conveyors are basically used for accumulation, mass flow, heavy products, carton sortation & diverting and stacking & reclaiming applications

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# **Belt Conveyor**



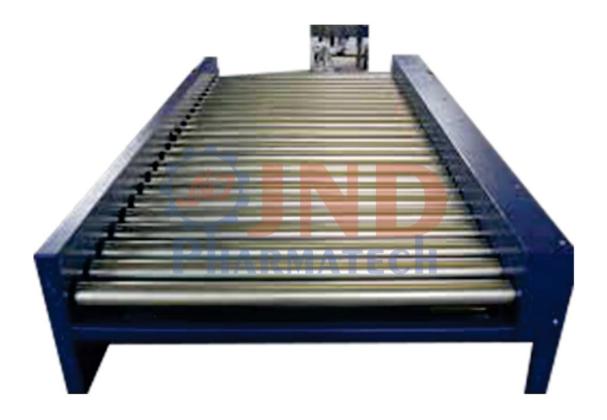
With the brand name in the industry we are prime Belt Conveyor manufacturer in India. Conveyor means any type of devices that provide mechanized movement of material, as in factory. The provided belt conveyors are used principally in industrial applications but on large farms, warehousing and freight-handling, and in movement of raw materials. The conveyors may be only a few inches in length, or they may be integrated systems over several miles long.

Belt conveyors of fabric, rubber, plastic, leather, or metal are ambitious by a power-operated roll mounted beneath or at one end of the conveyor. The belt forms a continuous loop and is supported either on rollers, for heavy loads, or on a metal slider pan when the load is light enough to prevent frictional drag on the belt. Electric motors operating through constant- or variable-speed reduction gears usually provide the power

Regardless, traditional belt conveyor is a simple, time-tested technology. It's less expensive than powered roller conveyor, it provides a more stable surface, and it can convey a variety of products. Poly bags, envelopes and electronics are examples of products handled easily by belt conveyor that are often too small or too light to be conveyed directly on rollers.



# **Power Roller Conveyor**



We are prime Power Roller Conveyor manufacturer in India. The provided power roller conveyors are the backbone of successful product flow systems. Live roller conveyors power either some or all of the rollers to propel the load down the line. Roller conveyors shine where the load is solid and stable, but can be adapted to many load types and situations to improve throughput, reduce costs, and increase ergonomics. With hundreds of successful power systems implemented, we can help you to create a productive and successful powered system.

Even with the advantages of belt conveyor, many of today's distribution centers are filled with roller conveyor because it allows accumulation of products. Accumulation is a way to make the conveyor store product for a determined amount of time then released into an automated sorter or palletizer.

Powered Roller Conveyors are material handling systems that use powered rollers mounted in frames to convey products. Key terms include the drive type, load capacity, roller diameter and material. Powered roller conveyors are used primarily in material handling applications that require powered conveyance of the product. Various drive types include belts, chains/sprockets, and motorized rollers. Many applications of powered roller conveyors include food handling, steelmaking, packaging, etc.

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# **Slat Conveyor**



Our company offers comprehensive range of **Slat Conveyors**, used for general assembly production. These conveyors are used for handling of bulky and heavy material from one place to another using single drive. Slats are linked on two standards of chain by attachments. **Slat Belt Conveyors** however tend to be used in conical accumulation applications such as bottling or engineering where single lane product transfer is required. The construction is such that any slat can be removed easily.

Slat Conveyors have high demand in the market due to its long production life with the least amount of maintenance and repair. It is used in all industries due to the modularity offered by its construction.

# **Weighing Conveyor**



JND Pharmatech offers customized range of **Weighing Conveyors** that are perfect for execution of product inspection. The contact parts are made of Stainless Steel to ensure proper and safe working. Our **Weigh Conveyors** are known for easy installation, high operational fluency and digital weight reading. This conveyor is checked on different parameters before it hits the market.

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# Free Roller Conveyor



We are affianced in manufacturing **Free Roller Conveyors** used to transport "heavier" loads at controlled speeds. This roller is also named as Mono Rail Conveyor. **Roller Conveyors** are made from quality raw material using mild steel, stainless steel, aluminum as per industrial demand of the clients. Its capacity varies, depending upon the specified model or container. It is best suited for heavy and light application.

Free Roller Conveyor consists of clear space below rollers for drainage and visibility. This conveyor can be operated manually or automatically. It is highly used in automotive industries to transfer automobile components, foundries and warehouses for transfer of material.



**Gravity Conveyor Roller** is the cheapest and cost effective method of conveying products quickly and easily. Gravity Conveyors also known as "**Skate Wheel Gravity Conveyors**" are lightweight economical solution for moving light packages. It transport products or work in process from one work area to another at minimal cost. The lightweight nature of skate wheel conveyor allows the user to move their conveyors easily to adapt to changing conditions. It is perfect for unloading trucks. These Conveyors helps in moving the packages with negligible effort over the free spinning wheels.

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# **Bucket Conveyor**



We are admired as prime manufacturer of **Bucket Conveyor**designed to effectively elevate variety of bulk materials that comprise from light to heavy as well as from fine materials to materials present in large lump forms. These are mounted on belt fitted with one drive pulley on top and one take-up pulley at the bottom. Due to its galvanized steel construction it can elevate all types of dry or free flowing products either for agricultural or industrial purposes. **Bucket Elevator Conveyor** offered by us helps in easier functionality and provide optimum results as they are known for large transport capacity, high lifting height, stable and reliable operation. Clients can avail Bucket Conveyor at industrial leading prices.