



Leading **MANUFACTURER OF**

Turnkey Mfrs. & Exporters Of: Distillery, Wine, Pot Distillation Plant, Bottling Lines, SS Storage and Blending Tanks etc.



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FABTECH INNOVATIONS - YOUR PATH TO EXCELLENCE IN INDUSTRIAL SOLUTIONS

At Fabtech Innovations, we pride ourselves on being a name synonymous with excellence and professionalism.

As a distinguished manufacturer and supplier, we stand at the forefront of innovation, offering top-notch solutions for various industries including Distillery, Brewery, Chemical, Pharmaceuticals, Food Processing Plant, and Bottling Plant. Our commitment to delivering the best service is unwavering, making us a reliable partner for all your industrial needs.

We Elevate Industry Excellence and Craft Innovations That Flow Beyond Boundaries.

- 100% Customized Machines designed as per your choice
- On-site and off-site technical service available worldwide 24/7
- 100% Quality Assurance is our priority.



Our Legacy of Excellence

Fabtech Innovations emerges as the sister concern of Rattan, a trailblazer in the industrial sector. With a rich legacy of excellence spanning years, Rattan has set the standards high in terms of quality, precision, and technological advancement.



Innovation that Drives Success

Innovation is at the heart of Fabtech Innovations. We understand that industries are constantly evolving, and we're here to help you stay ahead of the curve. By choosing Fabtech Innovations, you're choosing innovation that drives your success.



Your Trusted Partner

When you choose Fabtech Innovations, you're not just choosing a supplier; you're choosing a trusted partner in your journey towards excellence. We believe in fostering long-term relationships built on integrity, reliability, and mutual growth. With a customer-centric approach, we strive to exceed your expectations and contribute to your success story.



POT STILL

A pot still collects and condenses alcohol which is boiled off from your mash. It will produce a final product with an alcohol content between 40-60% which will include plenty of flavor from the mash. To increase the alcohol content you can re run your distillate however you will lose some flavor in the process.

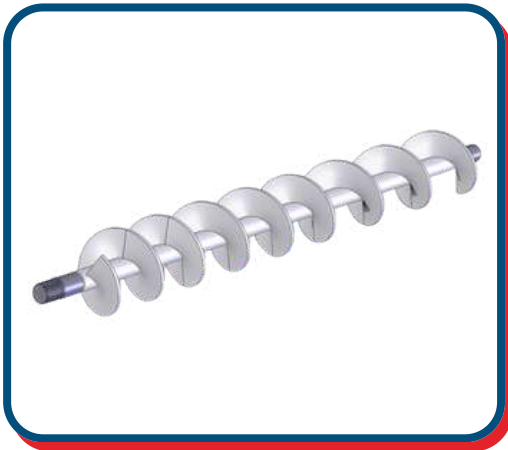
HEAT EXCHANGER

A shell and tube heat exchanger is a class of heat exchanger designs. It is the most common type of heat exchanger in oil refineries and other large chemical processes, and is suited for higher-pressure applications. As its name implies, this type of heat exchanger consists of a shell (a large pressure vessel) with a bundle of tubes inside it. One fluid runs through the tubes, and another fluid flows over the tubes (through the shell) to transfer heat between the two fluids. The set of tubes is called a tube bundle, and may be composed of several types of tubes: plain, longitudinally finned, etc.



SCREW CONVEYOR

The screw consists of several blades in helix shapes that are welded to a pipe or a shaft which move the material. Screw conveyors are also known as spiral conveyors, helix conveyors. Their modular design makes them easy to install. They are compact in size, reliable and flexible in operation. Screw conveyors are an efficient way to move semi-solid materials, including food waste, wood chips, aggregates, boiler ash, municipal solid waste and many others.



BLENDING TANK

The screw consists of several blades in helix shapes that are welded to a pipe or a shaft which move the material. Screw conveyors are also known as spiral conveyors, helix conveyors. Their modular design makes them easy to install. They are compact in size, reliable and flexible in operation. Screw conveyors are an efficient way to move semi-solid materials, including food waste, wood chips, aggregates, boiler ash, municipal solid waste and many others.





HOLDING-TANK

We manufacture and supply some of the best quality Industrial Holding Tank – stainless steel, mildsteel and aluminium. These highly acknowledged tanks are fabricated using supreme quality raw materials. Our dedicated and highly skilled technicians make these tanks under stringent quality parameters of international specifications.

STORAGE TANK

It can be realized that groundwater pollution and water crises have already hit the nation, and to overcome this situation so many global companies are coming forward to help India to fight with this problem together. Liquor Bottling Plants is a major SS storage tank manufacturer company from India which has too joined this mission and so far has supplied different types of Stainless steel storage tanks for various applications across the globe. We form the leading brand of storage tanks manufacturer in India.





BRUSHING MACHINE

Brushing machines create a uniform workpiece surface finish after undergoing turning, punching, milling, or machining processes. Workpieces include wires, metal discs, pipes, tubes, and sheet metal blanks. Removal of dust or impurities is a secondary application of brushing machines. Brushing machines are employed in polishing, edge radiusing, deburring, and honing applications. They are also used for processing agricultural products. They are effective in cleaning and polishing seeds or grains and removing skins from nuts.

ROTARY RINSER

The Rotary Rinser is a versatile and efficient cleaning device designed for industrial applications. With its rotating head and high-pressure water jets, it thoroughly cleans and sanitizes containers, bottles, or components. The compact design, adjustable settings, and durable construction make it an essential tool for maintaining hygiene in manufacturing and processing environments.



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TUNNEL WASHING

The Tunnel Washer Machine is most ideal for Round Bottles and finds wide application in Liquor, Mineral Water, Pharmaceuticals, Juice, Food Industries. The automatic loading arrangement facilities loading of bottles on to SS wire mesh conveyor or bottles are pushed manually From feed table. This saves manpower as bottles are fed up into pockets automatically. The automatic unloading mechanism consists of unloading bottle on to a wire mesh conveyor which continues on to turn table. Three cycle rinsing allows flexibilities of various rinse cycles such as fresh water, DM water etc.





HIGH SPEED SEMI-AUTOMATIC FILLING MACHINE

We serve the clients by offering the precision engineered Semi-Automatic High Speed Linear Vacuum Filling Machine. Our Filling Machine is widely used in Liquor Industry for filling of bottles. These Semi-Automatic Linear Vacuum Filling Machines are highly durable and corrosion resistant as they are made of high quality stainless steel. With the use of our Semi-Automatic Linear Vacuum Filling Machine large number of bottles can be filled at a very fast pace.

SEMI AUTOMATIC FILLING MACHINE

Semi-Automatic Liquid Filling Machine is very simple, Piston base volumetric filler. It gives very accurate volumes with remarkable speed. It is widely use in Pharmaceutical, Chemical, Paint, Cosmetic, Oil, Liquor Industries. The Semi-Automatic Filling Machine is a precision industrial device designed for efficient and accurate liquid filling processes. Combining the benefits of automation with user control, it streamlines production while allowing operators to oversee and intervene as needed.



PISTON FILLING MACHINE

1. Accuracy $\pm 1\%$ in single doze.
2. Rigid vibration free construction for trouble free performance.
3. Stainless Steel elegantly matt finished body.
4. Elegant and easy control panel for total control on operation.
5. Minimum change over time , from one size to another container or fill size.
6. Reciprocating Filling nozzle with self centering device to avoid foaming.
7. No container No Filling system-to avoid Spillage.
8. Synchronized A.C. drives for conveyor & main drive



AUTOMATIC FILLING MACHINE

It is a Rotary based Cap Sealing. The Machine is eligible to seal all kinds of cap i.e. ROPP Cap, Guala Cap, Plastic cap, etc. Zigma Sealing heads with two threading and two sealing rollers can seal different diameters and heights of ROPP Caps (Standard Deep Drawn, Semi Deep Drawn, extra Deep Drawn caps etc.). Machine is fitted with Cap Hopper for Standard Caps. For Deep Drawn and other type shape of caps. Vibratory Cap Feeder has to be ordered separately.





P.P. CAP SEALING MACHINE

It is a Semi-Automatic Capping Machine is known for its high performance and efficiency. Our Semi-Automatic Capping Machine remains in use for a long time without any chance of corrosion. Head comes down automatically seal and go up and it can be operated by foot switch also. It has two threading and two sealing rollers can seal different diameters and heights of ROPP Caps (Standard Deep Drawn, Semi Deep Drawn, extra Deep Drawn caps etc.)

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ONLINE GUALA CAP SEALING MACHINE

It is a Online Automatic Cap pressing machine specially for Guala type cap it is widely use in Liquor industries, Food, Pharmaceuticals, Cosmetics, Edible Oils, Etc.

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LABEL GUMMING MACHINE

1.	Application	Suitable for Gumming labels & wrappers of any Even or Uneven shape
2.	No. of Fingers	3
3.	Operation	Feeding & picking is done by hand
4.	Gum Type	Any free flowing Gum can be used
5.	MOC	Fingers, Finger Holders – Brass

SLEEVE APPLICATOR

The Automatic Shrink Sleeve Label Applicator System consists of main structure, product transmission belt with guide adjustment, in-feed screw, sleeve former (mandrel), rotary cutter to cut sleeve, Safety acrylic cover, shrink tunnel with cooling fan, motors, sensors, electrical panel, AC drive, PLC & HMI. User friendly and very less maintenance required because of less usage of mechanical components.



STICKER LABELING MACHINE

Output 80 to 100 Vials/Min. Depending upon label size and Vial dia(LSL 100-Stepper Motor , PLC , HMI). Suitable for all online inject and contact coding system. No oil / No Grease required for maintenance Purpose. Power Characteristics : 230 V, 1 Phase, 50 Hz. Overall Dimension : L – 1600mm, W- 600mm, H: 1200mm. Label role Core diameter 75/ 76mm.

MULTI MATIC LABELING

This Rotary Cold Glue (Wet Glue) Multi Matic Labeling is can paste label on different type of bottles. Machine is very efficient and compact machine specially for liquor industries and can handle all types of glass and plastic bottles/containers(cylindrical, non-cylindrical & odd shaped) with various applications, i.e. Front, Front & Back, Front & shoulder, shoulder & Back. It also has provision for applying Neck around label. Rotary design of machine helps to align different shape of bottles and containers for precise and accurate labeling.





FILTER PLATE

filter plates offer the user a great solid platform to help with filtration during the extraction process and they come standard with a 100 mesh (150 Micron) pre-cut stainless steel mesh filter media and compression ring. These filter plates can be used simultaneously with ashless filter papers or any other filtration media like stainless steel ball bearings or steel wool to increase surface and filtration level to remove fats, lipids, waxes and any other unwanted material during the extraction process.

SPARKLER FILTER PRESS

The Sparkler Filter Press is a highly efficient filtration solution designed for various industries. With its robust design and advanced technology, it effectively separates solids from liquids, ensuring superior clarity. Known for its reliability and ease of operation, the Sparkler Filter Press is a trusted choice for precision filtration in diverse applications.



ZERO HOLD SPARKLER FILTER PRESS

The sparkler filter press consists of an assembly of filter plates and filter cloth with perforated S.S. supporting screens enclosed in an S.S. shell. The assembly is equipped with a pump to pressurize the liquid through the stack of horizontally arranged filter plates. Solid particulates in the liquid get filtered and remain on the screen, allowing only the pure liquid to pass ahead. The filtered liquid is then collected at the bottom of the tank through holes provided on each of the plates.



VODKA FILTRATION UNIT

We are counted among one of the most prominent manufacturers and exporters of Vodka Filtration. Offered system is highly demanded in the market due to its effective filtering efficiency. This system is available in a variety of technical specifications as to meet the different requirements of clients. The system offered by us is widely used in distillery industry and are intended for processing water-alcohol mixtures and vodkas. Clients can easily avail this Vodka Filtration from us at reasonable prices.





LOBE PUMP

A lobe pump is a positive displacement pump known for its gentle and efficient handling of viscous liquids without causing shear. Consisting of lobed rotors within a chamber, it effectively transfers liquids, making it ideal for industries like food processing and pharmaceuticals. Its design minimizes pulsation, ensuring smooth and reliable fluid transfer with minimal damage to sensitive substances.

SS CENTRIFUGAL PUMP

As all pumps are made from rolled stainless steel, mechanical properties are far superior than cast material. Pore free, non-pitting and non-adhering smoother surface, so less friction losses, and less crevice corrosion. Super finish surface also ensure no ingress or emission of germs or impurities. Pumps are highly energy efficient and requires less NPSH to function without cavitation. Pumps are available with closed/semiopen impellers.



FERMENTATION-&-STORAGE-TANK

European dispensing towers are engineered to maximize yields. Insulated dispensing heads, combined with Stainless steel coolant lines and cold block, maintain chilled beverage temperatures right up to the faucet. Factory balanced restrictors control flow and assure solid beer with every pour for maximum profit potential. Dispensing heads are available in a variety of finishes, with tower designs ranging from traditional to custom creations, there's a style to fit virtually every decor and dispensing need.





SLAT CHAIN CONVEYOR

1.	Application	Conveying / Transffering Of Empty/ Filled Bottles, Containers, Jars, Etc.
2.	Power Requirement	Depends On Length Of Conveyor
3.	Length	As Per Requirement
4.	MOC	Stainless steel

PACKING BELT CONVEYOR

1.	Application	Packing Of Empty Cartons, Crates, Boxes, Etc. At The End Of Packing Line
2.	Height	Adjustable (As Required)
3.	Length	As Per Requirement
4.	MOC	Stainless Steel (Ms Option Available On Request)



ROLLER CONVEYOR

1.	Application	Transffering Of Empty/Filled Bottles, Cartons, Crates, Boxes, Etc.
2.	Height	Adjustable (As Required)
3.	Length	As Per Requirement
4.	MOC	Stainless Steel (Ms Option Also Available)

BELT CONVEYOR

We specialize in manufacturing qualitative range of belt conveyor which find wide application in various fields to move diverse unit loads & bulk materials. Our conveyors are highly in demand in mining operation, foundries, bagasse handling in co-generation plants granaries, coal handling plants, bag handling in sugar godowns and packing industries. They are used in handling loads from one location to another within the process in line production. The belt conveyors are easily adapted to the natural contour of the ground and can be operated over long distance.





HOOD TYPE INSPECTION

1.	Application	Inspection of empty and filled bottles
2.	No. Of Tube Lights	4
3.	Length	4ft , 8ft or as required
4.	MOC	Stainless steel

BOX TYPE INSPECTION

1.	Application	Inspection of empty and filled bottles
2.	No. Of Tube Lights	4
3.	Length	4ft , 8ft or as required
4.	MOC	Stainless steel



STEAM SHRINK WRAPPING MACHINE

Heat shrink tunnels are designed to work with both tamper evident bands and sleeve labels. We produces convective, radiant, and steam heat shrink tunnels that offer optimum shrink performance for a wide range of standard product sizes while using minimum space. Special exhauster fan for no steam loss. It is widely used in Bottling Industries, Food, Beverage, Pharmaceuticals, Cosmetics, ETC.

ELECTRIC SHRINK WRAPPING MACHINE

Very efficient machine, all around close design ensures less heat loss thus less electricity consumption. Heavy-duty conveyor system, which is having insulated surface to avoid any damage to product or shrink sleeve. High speed blower system with continuous rating. High quality heating element. Machine can be attached with any other packing machine or operation to give online application. It is widely use in Packaging Industries, Bottling Industries, Food, Pharmaceuticals, Cosmetics, ETC.





PET BOTTLE UNSCRAMBLER

A Bottle Unscrambler is an automatic, variable speed packaging machine that receives empty bottles in bulk, then orients, processes, and positions them onto a moving conveyor for further downstream processing. There are several mechanical approaches to bottle unscrambling.

CARTON ERECTOR MACHINE

For a reliable, compact and inexpensive carton erector, the CE-12 is a smart choice. This vertical carton erector is easy to operate and maintain and is designed for high-volume, fast-paced industrial use when efficiency is essential. It is constructed from quality parts with an innovative design, and is available with either a right or left side exit. The CE-12 features a storage system of up to 100 cartons and an alarm system for reminding operators when they need to replenish the cartons. The easy to use operation panel allows adjustments to be made in a few minutes with minimal training.



BOX TAPPING MACHINE

A shell and tube heat exchanger is a class of heat exchanger designs. It is the most common type of heat exchanger in oil refineries and other large chemical processes, and is suited for higher-pressure applications. As its name implies, this type of heat exchanger consists of a shell (a large pressure vessel) with a bundle of tubes inside it. One fluid runs through the tubes, and another fluid flows over the tubes (through the shell) to transfer heat between the two fluids. The set of tubes is called a tube bundle, and may be composed of several types of tubes: plain, longitudinally finned, etc.

HIGH SPEED WRAPPING MACHINE

High Speed Horizontal Shrink Packaging Machine: SE-5100A-HS/M-5100G-HS/SE-5000A-HSR. The fully automatic high speed horizontal shrink wrapping machine is equipped with a thermal shrinkage oven that can quickly wrap products on instant noodle production lines with max speed of 200ppm. 10.4 inch touch screen control panel that is easy and convenient to operate.





CASE PACKER

Automate your end-of-line process with our robotic packer/palletizer for the ultimate flexibility. This includes case packing operations that require verifying lot or serialization numbers, varying pack counts, creating retail ready packages, or automating tasks that are difficult or unsafe for humans. Featured is the Combi Ergopack with adjustable end-of-arm tooling for a wide range of product sizes and pick positions and integrated in Vision system.

WEB SEALER WITH SHRINK TUNNEL

Offered by us is a high quality range of Web Sealers to the esteemed clients, as per their specific requirements. These machines are fabricated in compliance with the international quality standards. In addition to this, with the aid of our wide distribution network, we make sure to deliver the ordered products the clients' premises within the committed time frame. Web Sealer Machine can be pushed manually or pneumatically. After the process of sealing & cutting, the products enter the shrink tunnel automatically.

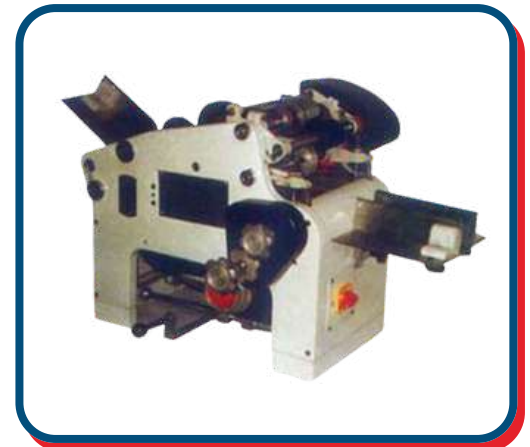


TURN TABLE

Stainless steel scrambler & un-scrambler, which is familiar as turn table. This is built on SS square frame, solid guide rail & reduction gear box for jerk less & noiseless performance. Turntable is useful to ensure total synchronization, uniform flow of container and to take a turn at 90 degree to suit different machine and purpose in automatic liquid line.

BATCH CODING MACHINE

These coders are ideal for Automatic High Speed Coding on large quantities of labels. It delivers high quality multi-line printing at production speeds of 250 impressions / minute. The labels or pouches are stacked on the slanting tray (Dispenser) for feeding, automatically picked up by the pick-up rubber friction insert, fed to the printing roller one by one via guide track and timing chain & stacked back in the collection tray automatically at very high speeds. This system is similar to rotary letterpress.





BUCKET ELEVATOR

Cap Elevator is basically a clitted belt conveyor erected at an angle for loading of caps into the Hopper bowl to ensure automatic nonstop operation of capping machine. Caps are first fed in bulk quantity in the hopper in the machine. The Cap Elevator can be inclined at a proper angle with help of screw provided to match with the height of feeder bowl. A fixed focus type optical sensor governs the automatic On-Off control of the clitted so that always a definite quantity of caps is maintained in the feeder bowl.

CARTON LOADER

We are expertise in the manufacturing of Loading and Unloading Bags Handling Conveyor System, which find wide application in various industries and factories. These products are manufactured from fine quality raw materials to ensure a better quality of the finished goods and their performances are highly rated. They also make handlings, loading and unloading works much simpler, easier and faster. Due to this convenience, these products of ours are in high demand with our clients and we supply them as per their needs and requirements.



STEAM GENERATOR

A new generation steam generator with a host of advanced features. For commercial use including new energy saving "Steam on Demand Function. Suitable and guaranteed for 20 hours per week operation. Electronic Controls with a Digital Display. Temperatures of 30 to 60 degrees centigrade. Time duration 15 to 240 minutes or continual operation.



AIR KNIFE BOTTLE DRYER

In modern times, with an ever increasing demand for all goods, high speed production lines are becoming norms of the day. Some of other concerns of modern day production lines are cost effectiveness, better quality, better hygiene, better self-life, better packaging, better appearance, faster production, lesser handling, lesser pollution, interfacing with other production inputs etc. To address these demands there are variety of innovative tools available. Among them AIR KNIFE is one such tool which has made difference in many fields and constantly finding new applications.



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