

# Verma Processpack Pvt. Ltd.

The Complete Solution for Food, Pharma, Cosmetics & Breverage Industries



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Established in the year of 2017, at New Delhi, India, we "vermaprocesspack Pvt. Ltd." are leading and well recognized manufacturers and Exporter of high-end Carbonated Soft Drink Plant, Fruit Juice Machine & Plant, Liquid Sanitize Machine, Paste Filling Machine, Filling Machine, Shrink Tunnel, Sealing Machine, Strapping Machine, Vacuum Packaging Machines and many more. These are offered under the brand name "V-Pack", which is a well-recognized name for high quality machines, designed to deliver superior performance, and highly customized machines, used in all industries for filling, packaging, cooling, vacuum, shrink etc

The business operations are handled by experienced management led by Mr. Suman Verma (MD) & Mr SP Verma (Director) who has vast experience in the field of industrial Filling, Packaging & Bottling machines. There visionary guidance as well as consistent support provided to the processes has helped our team to handle the operations and deliver optimum end solutions in the Production of customize machinery. Here, we as a team also ensure that all machines are of high quality and its manufacturing time should be least. We innovate our machines with new technology and provide best and highly customized machines to our clients as per their demand. Today, our consistent business approach as well as customer centric business policies have emerged us as a leader in this field. Further, our expertise in offering support in form of quality products, warranty, after sales service support, product customization, delivery of machines in limited time and product competitive prices has also helped us to expand as a No 1 choice of our customers. We are providing wide range of machineries in different industries as RO Water Plant, Water Bottling Plants, oil manufacturing Plants, Chemical Plants, Pharmaceutical Industries, Paint industries, Aerosol Industries etc

#### **OUR TEAM**

An efficient team serves as the main pillar for any company. The team working for the betterment of our esteemed organization includes experts from the fields of designing, engineering, technology, research & development and quality. he team is divided in to different sections to take care of different processes in more efficient manner. The training sessions are organized regularly to update our employees with advanced production processes.

#### HIGH QUALITY MACHINERY

Our Engineers in Research and development always lead to produce a highly cost effective, durable and customize machines. Being a customer centric company, we understand the requirements of our clients and design accordingly. he machines are tested from the initial stages of production to the final stage of delivery on various quality parameters in accordance with manufacturing guidelines.

The machines are tested by our quality controllers till complete satisfaction. Each lot is checked on certain parameters that include:

- Designing
- Strength
- Quality of raw material
- · Work life
- Modification

#### **INDUSTRY WE SERVE**

A wide range of industry is served by us in the process of providing packaging machines. These industries are

- Pharmaceutical Packaging Industry
- Food & Beverages Packaging Industry
- FMCG Packaging Industry
- Rice Packaging Industry
- RO water plants
- Beverage Industry
- Chemical Packaging Industry
- Hardware & Tool Packaging Industry
- Home Appliances Packaging Industry
- Liquid filling & Bottling Industry
- Warehousing & Packaging Industry
- Crockery Packaging Industry
- Cosmetic Industries
- All packaging in Any Industry
- Filling Stations in any industries and other







#### **OUR SETISFACTORY CLIENTS**

Our consistent performance in delivering quality assured filling and packaging machine with other machines has helped us in gaining vital support of many quality conscious customers from domestic and international markets. Today, all customers associated with us are from different industrial backgrounds and are completely satisfied by the top class products & services delivered from our end. Further, our expertise in serving the complete Technical needs of clients in both standard and customized working support as well as in maintaining long term and mutually beneficial specifications have also helped us in gaining their suppo business relationships with them.

#### **CORE MANUFACTURING**

We have with us well established infrastructure support facilities centrally located at Delhi which helps us in better managing the production of various machinery at a time. The process available at our end is in form of advanced machines that assures superior performance quality of Machineries. Further, the machines are well supported by experienced team of engineers and other support staffs who ensure the high Quality of machines and support systems match up with the desired specifications at customer. The qualified team support also assists us in offering high level of customization in the offered machinery range so as to deliver maximum benefits to the customers.

#### SOME OF THE AVAILABLE MACHINERY SUPPORT AT OUR END INCLUDES:

- Sealing Machine
- Filling Machines
- Fruit Juice Machines & Plant
- · Coding Machine
- Shrink Tunnel
- Strapping Machine
- Vacuum Packaging Machine
- Blowing Moulding Machine
- Wrapping & Labeling Machine
- · Industrial Conveyor etc

#### STRENGTHS:

- Expertise in manufacturing and supplying of high-end machines and other support solutions.
- Expertise in offering customized machines and tooling support.
- Expertise in systematic handling of projects within defined guidelines
- Expertise in offering system support offering ease in operations, excellence in performance and compact designs
- · Adopting new technology on regular basis to match up with the current market
- · Our belief that excellence in performance can only be gained through regular development of overall operations in an organization
- Dedicated support of engineers, technicians, R & D staff as well as quality controllers to precision handle the operations

#### **FULL SPECTRUM KNOW-HOW**

Verma processpack, has more than 17 years of experience in catering to the needs of the beverage processing industry. Our know-how in this field extends over the full spectrum of blending juices / pulp / carbonated beverages, sugar syrup preparation / filtration, homogenization, pasteurization, up to final packaging in bottles, cans,. Our team of professional food technologists and engineers provide our clients with complete set of services including design, equipment capacity selection, supply & installation of the entire processing / packaging plant including pipelines, commissioning and training. We can also provide design guidance and implementation of utility facilities like steam boilers, compressed air systems, refrigeration systems and water treatment systems.





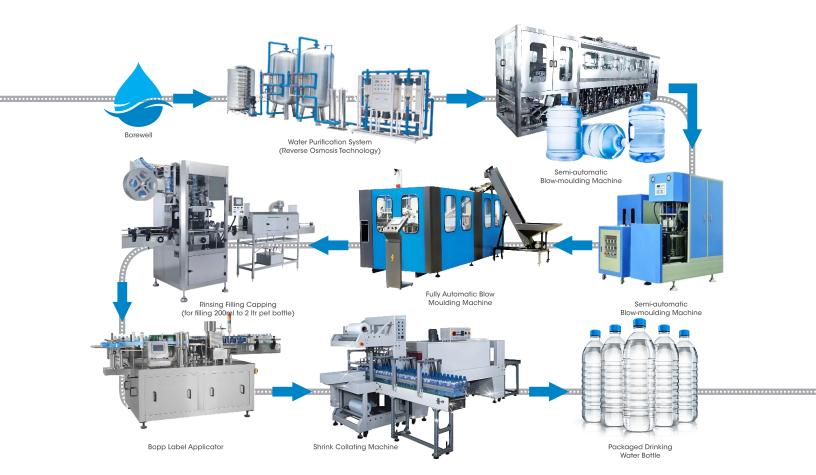




### **GLOBAL FOOTPRINT**



### PACKAGED DRINKING WATER PLANT



PLANT CAPACITIES 1,000 to 20,000 LITRES/HR

END PACKAGING OPTIONS
PET BOTTLES / JARS / POUCH





#### WATER PURIFICATION PLANT (REVERSE OSMOSIS TECHNOLOGY)

Water purification system using reverse osmosis technology purifies water with action of pressure difference of semipermeable membrane. Counter pressure larger than osmotic pressure is adopted to separate, extract and purify the water, removing 97% soluble salt, 99% colloids, microbes, particulates and organic substances.

Raw water is passed through multiple filtration process in order to purify its physical, chemical and biological impurities and at the same time ensure its mineral contents are conducive for human consumption. Various filtration processes commonly used are described below:

#### **Pressure Sand Filter Vessel**

Used to remove suspended solids and undissolved impurities from water. The filtration medium consists of multiple layers of sand with a variety in size and specific gravity. The filters effectively remove up to 30-50 micron of the suspended solid to less than 5 ppm.

#### **Activated Carbon Filter Vessel**

The filter is designed with multiple layers to reduce or eliminate bad taste, odors, chlorine and many organic contaminants in water. Activated carbon has a slight electro positive charge added to it, making it attractive to chemicals and impurities. As the water passes over the positively charged carbon surface, the negative ions of the contaminants are drawn to the surface of the carbon granules.

#### **Micron Filter**

It removes the fine particles such as dirt, sand etc. up to 5 microns and reduce silt density index to acceptable level.

#### **High Pressure Pump**

Suitable to feed raw water through the reverse osmosis membrane with high pressure.

#### **Reverse Osmosis**

RO is the phenomenon of water flow through a semi permeable membrane that blocks the transfer of salts and other solubles through it. It is able to reduce TDS of water up to 95-98%. It bifurcates water flow into permeate and reject water

#### **Ultra Violet Sterilizer / Ozonator**

Water passes through a clean chamber where it is exposed to ultra violet (UV) light which effectively destroys bacteria and viruses. Its advantages are that it does not leave any smell or taste in treated water.

Water Purification Plants using RO technology can be designed for variouscapacities ranging from 500-20,000 liter/h inputraw water and can be made in FRP / complete SS models.



#### SEMI-AUTOMATIC BOTTLING EQUIPMENT

#### **SA 24 BOTTLE RINSER**

Semi-automatic Bottle Rinser

Suitable to wash fresh glass PET / HDPE bottles. Bottles are manually fed to the bottle holderand removed after rinsing.

Production capacity: 1500-2400 bottles/hr Available in 12/24 washing head models.





#### **Semi-automatic Bottle Rinser**

Suitable to rinse bottles from inside using water jet/air suction technology. Can be integrated with filling and capping devices.

Available in 12/18/24 head models. Capacities 1000 to 3000 bottlesperhour



#### **Semi-automatic Carbonated Drink Filler**

Suitable to fill aerated drinks like soda/soft drinks in glass/PET bottles under pressure.

Bottles are manually fed to the bottle holder and removed after filling. Available in 2/4 head models. Capacities 600 to 1000 bottles per hour.



#### **GD Series Pressure Filler** (for carbonated beverages)

Suitable to fill carbonated/aerated beverages like soda, soft drinks, carbonated drinks etc. in PET/Glass/Cans. It can be synchronized with cap sealer/seamer.

Available in 12/18/24 head models.

Capacities 1000 to 3000 bottles per hour.



#### **GFP Series Normal Pressure Filler**

The machine can accurately fill non-carbonated drinks such as fruit juice, vinegar, squash, milk, water etc. in PET, glass bottles or cans. Available in 12/18/24 head models.

Capacities 1000 to 3000 bottles per hour.



#### **FXZ-6 Screw-on Capper/ Can Seamer**

Suitable to seal various bottle capslike PP /RO, Aluminum, PET cap on to Glass or PET bottles. Technical specifications: Capacity: < 2400 bottle/hr Bottle diameter: 50 to 100 mm Bottle height: 150 to 320 mm Capacities 1000 to 3000 bottles per hour.



#### **AUTOMATIC BOTTLING EQUIPMENT**

### **VPACK Series Automatic Monobloc Rinser / Filler / Capper**

Vpack series monobloc bottling machine is a third generation bottling machine incorporating state-of-the-art design. The air infeed conveyor feeds the bottle to the rinsing section. Its followed by advanced micro negative filling and then the filled bottle is capped hermetically. Monobloc design ensures hygienic conditions are maintained and minimal exposure of product to the atmosphere. The machine's unique neck holding design for bottle transfer ensures quick changeover to various sizes of bottles from 200 ml - 2 Ltr. The machine incorporates high level of automation like "no-bottle-no-fill" and " no-bottle-no-cap", low cap alarm duly controlled by centralized panel. Complete machine is aesthetically

designed and fabricated and ensures sturdy and stable running.

#### **TECHNICAL SPECIFICATIONS:**

Model vpack-W	8 - 8 - 3	12 - 12 - 4	18 - 18 - 6	24 - 24 - 8	32 - 32 - 10	40 - 40 - 10	
Capacity (b/hr)	1200-1800	2000-3000	4500-6000	6000-8000	8000-12000	12000-14000	
Rinsing heads	8	12	18	24	32	40	
Filling heads	8	12	18	24	32	40	
Capping heads	3	4	6	8	10	10	
Bottle dia. (mm)	v 50 – v 90						
Bottle height (mm)	150 – 320						
Power (kw)		3.13	4.1	5.6	7.5	10	
Dimensions (mm)		2250 x 1640 x 2100	3050 x 2060 x 2100	3600 x 2300 x2100	3600x2900x2900	4200x3300x2950	
Weight (kg)		2500	4000	5000	7500	9000	





### READY TO SERVE FRUIT/CARBONATED SOFT DRINK PLANT



## ADDITIONAL EQUIPMENT FOR CARBONATED SOFT DRINK/SODA



Water/Syrup Chiller



**Vpack Drink Mixer** 



Rinser/Filler/Capper





### **BEVERAGE BLENGING/PROCESSING**

#### **Pasteurizer**

Fully-automatic pasteurizer is designed for heating, pasteurization, holding and cooling of liquids like milk, juice and other beverages to prolong their shelf life. The equipment is skid mounted and incorporates balance tank, water heating system, holding tubes, cooling section. The system is controlled through PID, flow pneumatic diversion valve and steam flow control valve. The temperature controlled equipment can also be made available in HTSTdesign. Pasteurizers are available in plate type/tubular type model sin



#### **VACUUM DEAERATOR**

capacities from 500 to 10,000 LPH.

Suitable for removing air pockets in liquids like juices under vacuum conditions. It incorporates helical parasol spray technology which helps spray the product as a parasol film into the vacuum vessel. This results in well-proportioned oxygen removal. Available in capacities ranging from 500 - 10,000 LPH.



#### **STAINLESS STEEL TANKS**

For Storage / Blending / Dispensing / Standardisation/ SugarSyruppreparation

Suitable to collect, store, dispense and blend liquids like pulp, juice, beverage, sugar syrup. Can be fitted with stirrer or blending device, temperature indicator, liquid level indicator and CIP spraying head. Tanks can be fabricated in SS 304 / 316 / 316 C in single / double / triple layer with or without steamjacket insulation.

The tanks are welded with smooth inner walls and are finished upto 150 grit finish and are hydraulic tested. Available in capacities from 100L - 15KL. Interconnected with centrifugal / screw pumps.



#### **ROTARY LOBE PUMPS**

Suitable for pumping viscous liquids with suspended solids/ powder or high viscosity product. Available in capacities from 1 to 10 MT/hr.



#### **Homogenizer**

Suitable to homogenise juices, pulps, etchups or milk to desired consistency. The homogenizer is of rugged design with stainless steel cabinet. The homogenizer chamber is made of single piece forged AIS 316 block, suction / discharge valves of stelite and fitted diaphragm type pressure gauge.

Available in different pressure range modeis from 20 Mpa - 60 Mpa and capacity from 500 to 10,000 LPH.



#### **CENTRIFUGAL PUMPS**

Suitable to transfer easy free flowing liquids of low viscosity. Available in capacities from 1 to 10 MT/hr.



#### POSITIVE DISPLACEMENT **SCREW PUMPS**

These pumps are generally used for pumping low to medium viscousliquids. Available in capacities from 1 to 10 MT/hr.







#### **BEVERAGE BOTTLING**

### **VPACK Series Automatic Monobloc Rinser / Filler / Capper** (for hot fill application)

VPACK series monobloc bottling machine is designed for hot filling of juices. The advanced micro-negative filling ensures accurate brim filling. It Incorporates specially designed hot filling valves which can easily be cleaned. The machine is controlled through touch screen PLC which controls the entire operation such as "No-Bottle-No-Cap". Also the inbuilt temperature sensing ensures that the beverage is not filled below the set filling temperature. Automatic flow control valves ensure that the excess beverage flows back to overflow holding tank. This model can also be adapted for filling water.



#### **Technical Specifications**

Model FAB-H	12 - 12 - 4	16 - 16 - 5	18 - 18 - 6	24 - 24 - 8	32 - 32 - 10	40 - 40 - 10
Capacity (b/hr)	2000-3000	3000-5000	4000-6000	6000-8000	8000-10000	11000-14000
Rinsing heads	12	16	18	24	32	40
Filling heads	12	16	18	24	32	40
Capping heads	4	5	6	8	10	10
Bottle dia. (mm)	ø 50 – ø 90					
Bottle height (mm)	150 – 320					
Power (kw)	3.13	3.84	4.1	5.6	7.5	9
Dimensions (mm)	2250 x 1640 x 2100	2430 x 1800 x 2100	3050 x 2060 x 2800	3300 x 2300 x 2800	3600x2900x2800	4250x3250x2800
Weight (kg)	2500	3000	4000	5000	6000	6500

#### **BottleWarming/Cooling Conveyor**

This Continuous Spray Conveyor is suitable to reduce the temperature of hot fill drink bottles to 30-36°C or to increase the temperature of cold filled aerated drinks to 36-40°C. Its working process is divided into 2/3 stages. First stage circulates hot water spray. Second stage does water pre-cooling, and the third stage does cold water- cooling. The time in each of the 2/3 stages can be regulated as per the requirement. The complete structure is made of \$\$ 304 while the conveying belt is made of high temperature resistant polypropylene (CPP).



Model	VPW 3000	VPW 6000	VPW 10000
Capacity (b/hr)	2000-3000	5000-6000	8,000-10,000
Temperature Outlet	30-35°C	30-35°C	30-35°C
Conveying time	10-20 min	10-20 min	10-20 min
Dimension (mm)	3000 x 1050 x 1710	6000 x 1050 x 1710	10000 x 1500 x 1710





### ADDITIONAL EQUIPMENT FOR CARBONATED **SOFT DRINKS / SODA WATER**

#### **Intermix / Carbonator**

Advanced Intermix carbonator ensures

accurate proportional mixture of water. syrup and carbon dioxide, duly controlled by PLC. This ensures consistency in various batch mixes, taste & accurate mixture of CO2 gas. It can be interconnected with water/syrup chiller. Available from 500 to 10,000 LPH capacities.



#### **Vpack Drink Mixe**

Vpack series Drink Mixer is designed to mix water/syrup/ drink with carbon dioxide. It incorporates static mixer to increase carbonizing time which enhances mixing result and detoxification. Suitable for mixing soda water, fruit juice, cola and other soft drinks. Available in capacity of 500-3000 I/hr.



#### **Water/Syrup Chiller**

Suitable for bringing down the temperature of water syrup below 4°c. This facilitates mixing and absorption of CO2 with water / syrup. It is available in two models: Batch Type

Incorporates insulated stainless steel holding tank connected to compressor. Water/syrup is by means of chilled gas running inside copper tubes in the tank. Available from 200 to 10,000 LPH capacities.

Continuous Type

This incorporates online chiller connected with PHE. The online chiller chills the alycolwhich in turnchillswater /syrup in the PHE. Capacity: 500-5,000 ltr/hr.



### **FAB-C Series Automatic Rinser-Filler-Capper**

(For Carbonated Drinks)

Suitable for filling carbonated beverages like CSD, soda, carbonated juices etc. in PET bottles. This fully automatic machine integrated operations performs from air conveying to rinsing to filling and capping.

The machine is controlled by touch-screen PLC and incorporates full automation for level control in drink tank and magnetic torque controlled screw capping.



Model FAB-C	12 - 12 - 4	16 - 16 - 5	18 - 18 - 6	24 - 24 - 8	32 - 32 - 10	40 - 40 - 10	
Production capacity	1800-2400	2400-4200	4000–6000	6000-8000	8000-10000	10000-12000	
Filling precision		<+5mm (Liquid level)					
Filling pressure (Mpa)	< 0.4						
Polyester Bottle Standard (mm)	Bottle Diameter; ø50 – ø100; Height: 150-320						
Suitable Cap Shape	Plastic Screw Cap						
Total power	4	7.5	10	12			
Total Weight (kg)	2.2	4000	5000	6000	7500	9500	
Dimension (LxWxH) [mm]	2100x1300x1900	2400x1800x1900	2800x2000x1900	3300x2300x2500	3600x2900x2900	4250x3250x2900	





### **BEVERAGE CANNING / BOTTLING**

#### **Automatic Beverage Filling / Seaming Machine**

Suitable to fill and seam various beverages like juice, aerated drinks, energy drinks etc. in tin / aluminum beverage cans. The filler can be designed to fill carbonated/ non-carbonated beverages and is integrated with seaming heads to hermitically seam the can. Available in 12/4 and 18/6 heads filler/seamer configuration and capacities from 2,000 to 6,000 cans per hour.



### **Automatic Twist-offLug Cap Vacuum Sealing Machine**

Suitable to automatically seal twist-off Lug Caps on glass bottles. The machine is state-of-the-art sealing machine incorporating steam spray exhausting, mechanical sealing and water spraying thus ensuring perfect vacuum sealing of bottle. The machine is PLC controlled, GMP model.

Model	CS 9		
Capacity	60 - 75 b/min		
Closure Types	Three twist, Four twist,		
	Six twist or Pressing twist cover		
Cap/Jar Diameter	30-90 mm		
Bottle/Jar Diameter	30-100 mm		
Bottle/Height	65-260 mm		
Motor Power	3.12 kw		
Steam Consumption	180-230 kg/h		
Steam Pressure	0.4 MPa		
Max. Vacuum Degree	67 kPa (502 mmHg)		
Weight	1100 kg		







### **Bottling Equipment for Filling Oil/Honey/Cream/Ketchup/ Jam/Cosmetics in Bottles/Containers**

#### **Automatic Piston Filler / Capper**

Automatic piston fillers are designed to fill liquids of different viscosity, ranging from free-flowing liquids to shampoo, oil, lubricants and thick creams for food, pharmaceuticals, oil, lubricant, cosmetic and similar applications.

These fillers conform to GMP standards, are easy to maintain & clean and are PLC controlled.

The fillers can be integrated with automatic capping machines which can be designed to suit different types of caps / necksizes.

#### **Technical Specifications**

Model	Filling range	Capacity	Dimensions	Weight
	(ml)	(bottle/min)	(mm)	(kg)
GC-4P 250	30-250	25-30	3000 x 950 x 1800	700
GC-4P 500	100-500	25-30	3000 x 950 x 1800	700
GC-4P 1000	200-1000	15-20	3000 x 950 x 1800	700
GC-4P 2000	500-2000	15-20	3000 x 950 x 1800	700
GC-6P 250	30-250	36-40	4000 x 950 x 1800	750
GC-6P 500	100-500	36-40	4000 x 950 x 1800	750
GC-6P 1000	200-1000	18-30	4000 x 950 x 1800	750
GC-6P 2000	500-2000	18-30	4000 x 950 x 1800	750

#### **Piston Filler (Linear Model)**

Auto Filler Line adopts pneumatic volumetric piston dosing & filling principle. The bottle enters the line, gets filled and capped before coming out of the line. All these functions are controlled by PLC, and conform to GMP.

These are equipped with features like "no-bottle-no-fill" and diving nozzle for foaming liquids.



### **Piston Filler (Rotary Model)**

This piston filler / capper is designed for filling a wide range of Products such as oil, tomato/chilli sauce, jam, thick paste and granular beverages. The rotary piston filler ensures high production capacity, accurate filling and easy change-over to different filling range.

Model	VPP-12	VPP-18			
Capacity (Filling Volume)	60-100 BPM	100-200 BPM			
Filling Heads	12	18			
Bottle Diameter	50-80 mm	50-80 mm			
Bottle Height	50-200 mm	140-290 mm			
Filling Volume	100-500 ml	200-1000 ml			
Total Power	2.24 kw	3.74 kw			
Facility Weight	1500 kg	2000 kg			
Outer Dimension	1350x1400x2200 mm	1600x1700x2400 mm			





#### PET BOTTLE BLOWING

#### **Semi-Automatic Blow-Moulding Machine**

Produces PET bottles from 0.1 to 2 Liter capacity. Incorporates infrared oven to heat the pre-forms, then the pre-forms are loaded.

Max bottle height: 330 mm Neck size: 20-40 mm

Maxbottledia: 130 mm(doublecavity) and 200 mm(singlecavity) Max bottle volume: 2L (double cavity) and 5L (single cavity) Available

in 2 to 4 Heads models with normal/auto drop option.

Speed: 2 Head 600-800 (Normal) 800-1000 (Autodrop) 4 Head

1200-1400 (Normal) 1400-1600 (Autodrop)



#### **Fully-Automatic Blow-Moulding Machine**

Suitable for producing PET containers / bottles in all shapes. It is widely used to produce bottles for carbonated beverage / mineral water / oil or cosmetics.

🛮 Incorporates steady infrared heating systems with automatic pre-form temperature control through PLC.

Quick mould changeover system, no lifting equipment required.

Available in 2-6 cavity models.

Mail High adjustability of pre-heater section to suit different bottle sizes.



MODEL	ITEM	VPB-01	VPB-02	VPB-03
Productivity	Depend on mould design	1800-2000 pcs. / hr	3200-4000 pcs. / hr	4000-6000 pcs. / hr
Product type	Volume	0.1-2L	0.1-2L	0.1-2L
	Body diameter	<100mm	<100mm	<100mm
	Height	<310mm	<310mm	<310mm
	Neck diameter	<38mm	<38mm	<30mm
Mould	Cavity	2	4	6





#### PET BOTTLE BLOWING

#### **Shrink Sleeve Label Applicator**

This machine is suitable for automatically applying shrink sleeves on PET bottles. It is fully automatic and PLC controlled. The machine incorporates positioning module, servo motor and adjustable cutter head. Suitable for round, square or flat shaped bottles.

- Single contraction label feeding tray: Automatically controlled by micro-computer
- Automatic detection and positioning
- · Swift and label-saving / labelchanging
- · Absolutely precise cutting-off position

#### **Inkjet Printing**

Suitable for printing batch number/price/ manufacturing date/expiry date etc. Automatically on the bottle/caps.

- · Up to four lines of printing with variety of print formats.
- The machine is PLC controlled and can be interfaced with a PC.



### **BOPP Label Applicator** (Hotmeltglue type)

Suitable to apply BOPP Hot meltglue label on to cylindrical bottles of water/carbonated beverages. This machine is equipped with label cutting head, hot glue applicator and sealing head. Available in 60 to 200 bottles per minute capacities



### **Bottle Collating/ Shrink Wrapping Sealer**

Suitable to automatically align in packs of 6/12/18/24 bottles and shrink wrap the same. The machine can be adapted with various shrink films like POF / PE / PVC. Conducts integrated operations from bottle accumulation, shrink film wrapping, film cutting and shrink sealing. Also availablein semiautomatic version wherein bottles are manually placed and shrink wrapped and sealed.

Available in 5 to 30 packs per minute capacities.





#### FRUIT AND VEGETABLE PROCESSING PLANTS

International quality plants and machines from verma Processpack can process most fruits & vegetables, be it tropical fruit, deciduous fruit, citrus fruit or tomato for the production of:

- · Single strength pulp/juices
- Juice/pulp concentrates
- Fruit juices
- Jams
- Canned fruit
- Fruit salad
- Tomato puree/paste
- · Tomato sauces and ketchup
- · Ginger, garlic & onion paste/powder Condiments/salsa/mustard/mayonnaise
- · End packaging for above products in cans/bottles, pouches and aseptic packaging

#### **AUTOMATIC PLANT FOR BEVERAGE** PROCESSING AND PACKAGING

We offer complete Plant and Machineries for:

- Packaged Drinking Water: Consisting of RO Plant, HET bottle blowing/filling lines, BOPP, shrink labeling and artoning/shrink collating.
- · RTS Juice Beverage: Consisting of beverage blending, homogenization, pasteurization, bottle blowing/filling lines, BOPP, shrink labeling and cartoning/shrink

 Carbonated Soft Drinks: Consisting of sugar syrup preparation, beverage blending, chilling, PET bottle blowing/filling lines, BOPP, shrink labeling and

#### FRESH FRUIT AND VEGETABLE WASHING/ **SORTING/ GRADING AND PACKING LINES**

We offer state-of-the-art technologies for washing, sorting, grading and packing all types of fresh Fruits and vegetables like orange, apple, pineapple, mango, passion, plum, pepper, cucumber, tomato, potato, onion etc.

The process involves precise technologies for grading of various fruits and vegetable on color, size and weight; thus providing excellent opportunity for value addition of horticulture produce and reduce wastage.

We can complete the value addition chain of horticulture produce by setting up cold-room facilities for storage and preservation of fresh produce. This includes fruit ripening chambers, CA cold stores and blast chambers.

#### LIQUID MILK PROCESSING

We design, manufacture and commission milk processing plant on turn-key basis and specialize in capacities varying from 5,000 to 1,00,000 liters per day for the production of:

- Soya milk/powder milk
- · Flavoured milk
- · End-products like butter, ghee, dairy whitener, yoghurt, cottage cheese, ice cream and cheese
- End-packaging in glass/PP/PET/Aseptic packaging



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