

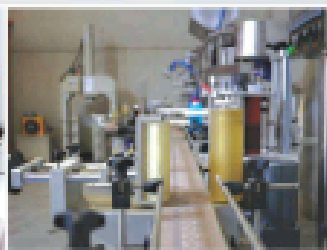
Over 4100 Machine
Installation World Wide



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MACHTECH (INDIA) PVT. LTD.

Mfgs. & Exporter of :
Pharma, Food, Cosmetics,
Beverages Machineries.

Trusted Name In
Packaging Machineries



Mfgs. & Exporter of : Pharma, Food, Cosmetics, Beverages Machineries.

Filling

Automatic Volumetric Liquid Filling Machine

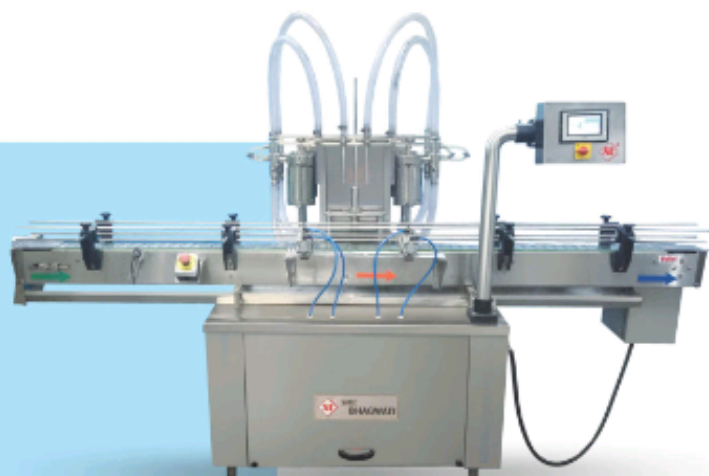
MODEL SBLF - 100 / 150 / 200

Salient Features:

- ▶ The unit is made compact & versatile.
- ▶ S.S. Slat conveyor.
- ▶ S.S. Elegantly Matt Finished Body.
- ▶ No Container No filling system.

Technical Specification :

Model No.		SBLF-100	SBLF-150	SBLF-200
Out/Put		20-40 Bottle per minute	40-60 Bottle per minute	60-100 Bottle per minute
Filling Range		100ml to 1000ml	100ml to 1000ml	100ml to 1000ml
Direction of Movement		Left to Right	Left to Right	Left to Right
Number of head/syringe		4 Nos.	4 Nos.	4 Nos.
Electrical Specification	Main Machine	1.0 HP / 415 Volts / 50 Hz.	1.5 HP / 415 Volts / 50 Hz.	2.0 HP / 415 Volts / 50 Hz.
	Conveyor	0.5 HP / 415 Volts / 50 Hz.	0.5 HP / 415 Volts / 50 Hz.	0.5 HP / 415 Volts / 50 Hz.
Height of Conveyor		860 mm to 910 mm adjustable.	860 mm to 910 mm adjustable.	860 mm to 910 mm adjustable.



Filling

Automatic Volumetric Liquid Filling Machine

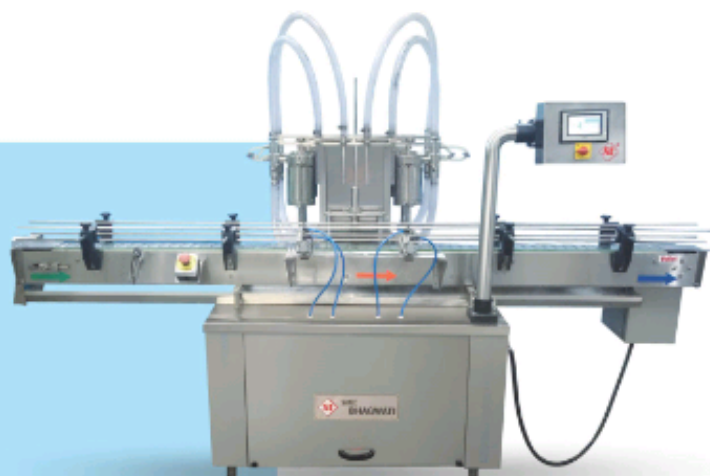
MODEL SBLF – 100 / 150 / 200

Salient Features:

- ▶ The unit is made compact & versatile.
- ▶ S.S. Slat conveyor.
- ▶ S.S. Elegantly Matt Finished Body.
- ▶ No Container No filling system.

Technical Specification :

Model No.		SBLF-100	SBLF-150	SBLF-200
Out/Put		20-40 Bottle per minute	40-60 Bottle per minute	60-100 Bottle per minute
Filling Range		100ml to 1000ml	100ml to 1000ml	100ml to 1000ml
Direction of Movement		Left to Right	Left to Right	Left to Right
Number of head/syringe		4 Nos.	4 Nos.	4 Nos.
Electrical Specification	Main Machine	1.0 HP / 415 Volts / 50 Hz.	1.5 HP / 415 Volts / 50 Hz.	2.0 HP / 415 Volts / 50 Hz.
	Conveyor	0.5 HP / 415 Volts / 50 Hz.	0.5 HP / 415 Volts / 50 Hz.	0.5 HP / 415 Volts / 50 Hz.
Height of Conveyor		860 mm to 910 mm adjustable.	860 mm to 910 mm adjustable.	860 mm to 910 mm adjustable.





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Semi Automatic Volumetric Vial / Bottle Filling Machine

MODEL SBLF-40 GMP Model



Technical Specification :

Model	SBLF – 40
Out/put	8-10 Bottles per minute (Depends of the operator speed)
Number of head	2 Nos.
Fill Size	***10ml-1000ml-with help of change parts
Electric Specification	**1 HP / 415 Volts / 50 Hz (Main Machine)



Washing

Automatic Linear Vial Washing Machine

MODEL SBLVW - 120 / 200

Salient Features:

- ▶ Special Pocket system ensures easy and trouble free washing of Bottles from outer and inner side.
- ▶ Indexing motion makes easier for syringes to move inside Bottle, when it is in stationery motion.
- ▶ Washing cycles can be adjusted as per customer requirement.
- ▶ User friendly machine, even semi skilled operator can operate the machine very easily.
- ▶ A Special clutch device is incorporated for Stoppage of Machine in the event; Bottle is over turned or over diameter.
- ▶ Low RPM but High out/put.
- ▶ Imported Gear Motor for + Main drive and conveyor.
- ▶ A.C. Frequency drives for Main drive and conveyor.
- ▶ Pumps with tank (60 litres each) 3 nos.
- ▶ In feed conveyor belt system.
- ▶ S.S. GMP Model. S.S. 304 Frame Structure.
- ▶ Imported Gear Box for Main Drive & Conveyor Drive.
- ▶ All contact parts will be of S.S. 316 material.



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Technical Specification :

SBLVW-120	
Direction	Left To Right
Production Rate	2000-4000 vials per hour
No. of Pocket Across	10
Electrical Specifications	1 HP / 415 Volts / 50 Hz for Main Motor 1 HP x 2 = 2 HP / 415 Volts / 50 Hz For Each Pump 3 Kw For Electrical Heater 0.5 HP / 415 Volts / 50 Hz For Conveyor
Power Requirement	440 Volts, 3 Phase (4 wire System) 50 Hz.
Wash Cycle	80 Ltrs. S.S. 316
Tank Capacity	3 Inner + 1 Outer + 1 Air
Cycle Timing	3.5 Second for each wash + 1.5 second for traveling.

Technical Specification :

SBLVW-200	
Direction	Left To Right
Production Rate	2000-4000 vials per hour
No. of Pocket Across	20
Electrical Specifications	2 HP / 415 Volts / 50 Hz for Main Motor 1 HP x 2 = 2 HP / 415 Volts / 50 Hz For Each Pump 3 Kw For Electrical Heater 0.5 HP / 415 Volts / 50 Hz For Conveyor
Power Requirement	440 Volts, 3 Phase (4 wire System) 50 Hz.
Wash Cycle	80 Ltrs. S.S. 316
Tank Capacity	3 Inner + 1 Outer + 1 Air
Cycle Timing	3.5 Second for each wash + 1.5 second for traveling.



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Multi-Jet Ampoule Vial Washing M/c.

MODEL
SBVW - 80

Technical Specification :

Multi-Jet Needles	Maximum Vial Size (ml) up to	Maximum Ampoule Size (ml) up to
340	2 ml	1ml/ 2ml/ 3ml/ 5ml
154	5 ml / 10 ml	Any Size
154 / 77	20 ml (32mm Dia)	Any Size
80	30 ml (38mm Dia)	Any Size
54	50 ml (40mm Dia)	Any Size
35	100 ml (55mm Dia)	Any Size



Consumption per Cycle (Buyer to Provide)

Internal / External	Consumption of Utilities	
Washing		
1 st Wash	D.M Water	4/5 Liters
2 nd Wash	Air	-
3 rd Wash	D.M Water	4/5 Liters
4 th Wash	Air	-
5 th Wash	WFI	4/5 Liters
6 th Wash	Air	-
Electricity	415 Volts, 3 Phase (4 Wire System 50 Cycle/Sec)	
Power Consumption	0.5 HP	
Output	40-60 Ampoules per hour	



Washing

Air-Jet Vacuum Cleaning Machine

MODEL

SBAVC-60 & 120 GMP Model

Salient Features:

- ▶ GMP Model.
- ▶ Very compact, rigid & modular construction. Maximum eight air washes.
- ▶ All contact parts are of SS 304 or Hard-chrome plated or Brass for a corrosion free long life.
- ▶ Over load clutch is provided to prevent jamming on machine.
- ▶ No external lubrication required.
- ▶ Pressure regulator with pressure switch optionally provided.



Technical Specification :

Model No. SBAVC-60

Optimum Output	40-60 Bottles / Minute (Depending On Bottle Size)
Power Supply	1.5 H.P. , 415 Volts , 3 Phase (4 Wire System)
Characteristics	50 Cycles / Sec.

Technical Specification :

Model No. SBAVC-120

Optimum Output	60-120 Bottles / Minute (Depending On Bottle Size)
Power Supply	H.P. , 415 Volts , 3 Phase (4 Wire System)
Characteristics	50 Cycles / Sec.





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Automatic Rotary Bottle Washing M/c.

Salient Features:

- ▶ New Boxed Tube Sanitary Stainless Steel Frame for added strength and durability.
- ▶ Safety interlocks on all removable safety guarding.
- ▶ Touch Screen control package includes job memory, tooling memory and Management lockout.
- ▶ Self contained recirculating liquid system.
- ▶ Fast change over with minimal tooling.
- ▶ Tool less change parts.

Rotary Ampoule / Vial Washing M/c.

Washing System

- ▶ Machine provides 3 water washes & 3 air washes.
- ▶ Complete flexibility with user for washing cycle.
- ▶ Suitable for washing of Ampoule 1ml to 10ml.
- ▶ Suitable for washing of Vial 2ml to 100ml.
- ▶ All Contact parts made out from SS 316.
- ▶ Entire frame covers & non contact parts made out from SS 304.
- ▶ Needles enter in to the container during washing cycle.
- ▶ Low water consumption.
- ▶ Quick change over of parts for other size of containers.
- ▶ The Grippers provided ensure efficient holding of different sizes of Ampoules.
- ▶ Washed Ampoules received from output star wheel can be collected on Output Tray or can be pushed to Tunnel.
- ▶ Output Capacity of up to 12500 ampoules per hour.



Note : Dimensions & technical Details are subject to change as per customers' required without any further notice



**SHREE
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Mini Tablet Press

Technical Specification :

MODEL	Bhagwati - 8	Bhagwati - 10	Bhagwati - 12
No. of Station	8	10	12
Type of Tooling	D	B	'D', 'B' & 'BB'- 4 Nos. Each Combin Tooling
Output/Hour	2000 to 14,400	2000 to 18,000	Each Tooling 1000 to 7,200
Max. Operating pressure	60 KN	40 KN	40 KN
Max. Tablet Diameter	22 mm	16 mm	16 mm
Max depth of fill	20.5 mm	17.5 mm	17.5 mm
Main Electric Motor	1.5 hp/1.1 Kw	1.5 hp/1.1 Kw	1.5 hp/1.1 Kw



Processing

Container Tumbler Blender, Cage Blender, Drum Blender/IBC Bin

Salient Features:

- ▶ We have the Latest Infrastructure of cGMP - Current Good Manufacturing Practices compliance.
- ▶ All contact parts would be SS 316 and non contact parts would be SS 304.
- ▶ IBC Bin Tumbler Blender for Premium quality for dry beater for lubrication of granules and homogenization amalgamation and diffusion of the material to more development.
- ▶ Indistinguishable distorted ability of IBC Bin can be used on same method use for integration.
- ▶ This is a stopped up and protected preparation where by a retiring step put out the material from storage place of the Conta blender is transport to the tablet press hopper.
- ▶ Totally dust free.
- ▶ In granulation area the dry granules go from beginning to end to the storage place for amalgamation during a dust free bond and the same storage place is loaded over to the blender for combination.
- ▶ Also an additional Advanced Technology is flexibility of this structure to handle more than one size of bunkers or containers so allowance of changed sizes of manufacture batches in single paraphernalia.
- ▶ Covered inflexible drive with reduction machinery box and motor in the mechanism pillar understanding.
- ▶ Hydraulic power pack conformity for lifting of product bin for amalgamation.
- ▶ A proper reeling roughly the cage with one entrance point for the bin on detachable trolley.
- ▶ The charging hole with cover is provided on top with quick opening and closing preparation with dust proof joints for particle free transmit.
- ▶ IBC Bin having exonerated with butterfly control device and trolley for trouble-free mobility.
- ▶ Mmotivating controls panel with cycle time



Processing

Tooth Paste Manufacturing Plant

Salient Features:

- ▶ Capacity : 100 kg to 5000 kg.
- ▶ Contact Parts shall be Stainless Steel 316 / Stainless Steel S 316 L Quality Materials.
- ▶ Products mixing from Semi – contra mixer special design heavy duty anchor stirrer avoid dead zone. Heavy duty Rotary Contra Stirrer for Toothpastes.
- ▶ Top Lid lifting attachment for cleaning and Materials product change over.
- ▶ Speed Variable drive for anchor mixer to adjustable speed of different toothpaste products.
- ▶ Toothpaste plant with completed pipe- line.
- ▶ Toothpaste transfer thru under vacuum – 100 % Complete un -touched toothpaste process.
- ▶ Toothpaste Lobe Transfer pump for transfer toothpaste ready product from manufacturing Vessel to storage tank or toothpaste filling line .
- ▶ Homogenizer for Bottom Entry for best emulsification & materials homogenization toothpaste type product.
- ▶ Toothpaste mixing vessel with Pressure and vacuums .
- ▶ Metering transferring pump for desired exact product volume from storage tank or vessel to product hopper of jar or tube filling line.
- ▶ Documentation: LAYOUT - FAT / DQ provided after getting order from customer.
- ▶ PLC and colour touch screen Base control panel. (optional)
- ▶ Imported make Load cell for online weighing.(optional).
- ▶ Flameproof motor with flameproof push button panel (Optional)
- ▶ 21 CFR and SCADA SYSTEM also offer (Optional)





Contra Rotating Mixer

The Salient Features Of Tooth Manufacturing Plant Are As Follows:

- ▶ Capacity : 100 kg to 3000 kg.
- ▶ The Plant is designed to be operated only by one operator and one helper.
- ▶ All material transfers are done by vacuum or by transfer pumps.
- ▶ All the vessels are CGMP.
- ▶ The gaskets used are of silicon (food grade).
- ▶ All contact parts are of S.S. 316 L quality material & finished to 240 grit.
- ▶ The entry of all agitators are from top & High Speed Emulsifier from bottom or In- line Emulsifier (as per customer choice).
- ▶ All vessels are suitable for internal pressure of 3 Kg. / Sq. cm. and hence can be sterilized.
- ▶ All pipes, pipe fittings and valves are of SS 316 seamless quality, internally electro polished, with tri-clover ended joints.
- ▶ The entire plant is equipped with CIP & SIP connections, so that customer can use these facility, if have CIP & SIP equipment.
- ▶ All values of temperature & time of the plant are indicated digitally on the control panel. Ampere indicates on Ampere meters.
- ▶ A micro processor based automatic operating plant can be designed as per requirement.



Processing

Ultra Vacuum Mixer, Vacuum Homogenizer Mixer, Vacuum Emulsion Mixer

Salient Features:

- ▶ Available from 10 liter to 6000 liter. Capacity.
- ▶ Emergency stop button.
- ▶ Safety vacuum relief valve.
- ▶ Limit switch at top lid.
- ▶ Over load protection by relay.
- ▶ Semi automatic control system and safety equipments.



Manual Capsule Filling Machine

Technical Specification :

Production Output	5000 to 6000 Capsules/hour
Capsule Combinations	00/0/1/2/3/4 and 5
Sequence of holes	25 x 12 = 300
Overall Dimension	405mm (L) X 300mm (W) X 455mm (H)
Net Weight	43 kgs. Approx.
Gross Weight	50 kgs approx.



Ointment Manufacturing Plant

Salient Features:

- ▶ Working Volume would be 50kg to 10,000kg.
- ▶ The Plant is specially intended to be operated only by one operator and one helper.
- ▶ The complete plant is prepared with CIP & SIP connections, so that customer can use this facility, if have CIP & SIP equipment.
- ▶ A microprocessor based by automatic operating plant would be intended by as per requirement.
- ▶ All material transfers through by vacuum or transfer pumps.
- ▶ The gaskets material used as silicon (food grade).
- ▶ All the vessels which we giving are CGMP (paint free construction).
- ▶ The entry of all agitators is from top & High Speed Emulsifier from bottom or In-line Emulsifier (we can customize as per customer choice).
- ▶ All vessels are suitable for internal pressure of 1 Kg. / Sq. cm. and hence can be sterilized.
- ▶ All contact parts are of S.S. 304 quality material (SS316 provided on demand) & finished to class 4B (Mirror) finish and are crevice free.
- ▶ All values of temperature & time of the plant are indicated digitally on the control panel. Ampere indicates on Ampere meters.
- ▶ All pipes, pipe fittings and valves are of SS304 / SS316 (we can customize as per customer choice) seamless quality, internally electro polished, with tri-clover ended joints.
- ▶ All the inlet & outlet connections are provided with tri clover joints, which are very easy for cleaning & replacement.
- ▶ Water flow sensor for mechanical seal of bottom entry homogenizer.
- ▶ Single phase preventer.
- ▶ Over Load relay for motor overloading protection.
- ▶ Heat Extraction fan and ventilation filter in power panel.



Processing

Rota Cone Vacuum Dryer

Salient Features:

- ▶ Available from 50 Liters. to 3500 Liters capacity.
- ▶ Design is cGMP - Current Good Manufacturing Practices compliance.
- ▶ All Product contact parts AISI 316/ 316L & non contact parts AISI 304.
- ▶ Simple & compact Design for Easy to operate, clean, convenient & user friendly.
- ▶ Automated mixing and Drying process in single bowl.
- ▶ Dust free operation.
- ▶ High vacuum operation.
- ▶ Low temperature drying.
- ▶ Solvent recovery.
- ▶ Continuous rotation of container, material will make complex impacting motion in the container and reach to uniform mixing and drying at low temperature.
- ▶ Continues vacuum maintenance during process.
- ▶ Vacuumized closed system with condenser, Receiver for solvent recovery & Cyclone separator to recovery the solid particle.
- ▶ Rapid & Complete discharge / Zero holdup after discharge.
- ▶ The product dried is homogeneous with uniform properties.
- ▶ Very low value of final moisture even at low drying temperatures.
- ▶ Inside Filter assembly with 5 Micron.





Vacuum Tray Dryer

Salient Features:

- ▶ Available from 6 Tray to 240 Tray. Capacity.
- ▶ Design is cGMP with product contact parts AISI 316.
- ▶ Vacuumize shelves drying on low temperature system for high toxic.
- ▶ Hygroscopic & heat sensitive materials.
- ▶ Vacuumize closed system can be with condenser, Receiver for solvent recovery.
- ▶ Very low value of final moisture even at low drying temperatures. Safety feature: Vacuum relief valve, Safety pressure relief valve,
- ▶ Temperature Controller & Overload protection.
- ▶ Option for heating media can be steam/ hot water / hot thermic fluid. Option features: condenser & Receiver for solvent recovery &
- ▶ Evaporation cooling, PLC Controls, Explosion Proof Electrical.



Processing

Automatic Tablet Coater

Technical Specification :

Model	Bhagwati - 30	Bhagwat - 36	Bhagwat - 42	Bhagwat - 48	Bhagwat - 60	Bhagwat - 66
Pan Diameter - Inch(mm)	30" - 750	36" - 920	42" - 1070	48" - 1220	60" - 1525	66" - 1675
Approx Working Capacity	30	75	100	150	350	500
Pan Mouth Diameter						
Pan Speed RPM						
Main Drive Motor HP	Please contact us for more details. Inlet Air Blower Motor HP					
Inlet air cfm						
Steam Consume. kg/hr @ 4 bar						
Comp. Air cfm @ 6 bar						





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Planetary Mixer

Technical Specification :

Machine Description	Bhgwati 50	Bhgwati 75	Bhagwati 150	Bhagwati 250	Bhagwati 500	Bhagwati 1000
Total Volume (Liter)	72	100	204	340	1000	1500
Working Volume (Liter)	50	75	150	250	750	1250
Working Load In Kg.	25	40	75	120	500	1000

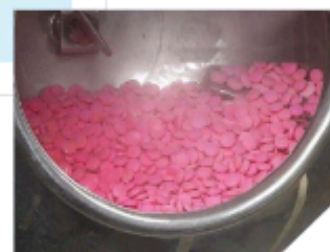


Processing

Coating Machine

Technical Specification :

MODEL	Bhagwati -24	Bhagwati -30	Bhagwati 36	Bhagwati -42	Bhagwati -48	Bhagwati -60
Pan Size	24 "	30 "	36"	42"	48"	60"
Loading Capacity in Kg	15	45	80	100	150	210
Pan Angle	30°	30°	30°	30°	30°	30°
Pan RPM						
Pan motor HP	Please contact us for more details.					
Blower motor HP						
Blower capacity CFM						
Heater Capacity in Kw						



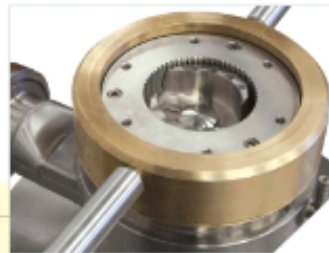


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Colloid Mill

Technical Specification :

MODEL	Bhagwati - 250	Bhagwati -500	Bhagwati-1000
Output - Liter / Hour	150 to 1500	150 to 2500	250 to 5000
Drive type Option	Vertical OR Horizontal	Vertical OR Horizontal	Vertical OR Horizontal
Rotor Speed- RPM	2800	2800	2800
Hopper Capacity- Liter	15	15	25
Seal Type	Rubber Silicon	Rubber Silicon	Mechanical
Partial Size Reduction- Micron	5 to 10	5 to 10	5 to 10
Electric Motor HP/ KW	3 / 2.25	5 / 3.75	10/7.5



Processing

V Blender

Salient Features:

- ▶ Design is cGMP - Current Good Manufacturing Practices compliance.
- ▶ All Product contact parts AISI 316/ 316L & non contact parts AISI 304.
- ▶ 'V' shape product container for Ideal dry mixer for lubrication of granules and homogenization mixing of multiple batches in to single batch.
- ▶ Available Capacity model in octagonal blender 25 kg to 2500 kg batch size.
- ▶ Enclosed rigid drive with reduction gear box and motor.
- ▶ 'A' type rigid structure of the machine with two sides resting of product container.
- ▶ Product container having discharge with butterfly valve and man hole.
- ▶ 2 Nos. Charging hole with hinged lid with seal for charging and cleaning.
- ▶ Safety reeling provided for rotating area of product container.
- ▶ Electric controls panel with cycle time.





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Double Cone Blender

Salient Features:

- ▶ Design is cGMP - Current Good Manufacturing Practices compliance.
- ▶ All Product contact parts AISI 316 & non contact parts AISI 304.
- ▶ Double Cone shape product container for Ideal dry mixer for lubrication of granules and homogenization mixing of multiple batches in to single batch.
- ▶ Available Capacity model in octagonal blender 25 kg to 2500 kg batch size.
- ▶ Enclosed rigid drive with reduction gear box and motor.
- ▶ "A" type rigid structure of the machine with two sides resting of product container.
- ▶ Product container having discharge with butterfly valve and man hole.
- ▶ Charging hole with hinged lid with seal for charging and cleaning.
- ▶ The product container rotates on sped 8 RPM.
- ▶ Safety reeling provided for rotating area of product container.
- ▶ Fixed baffles provided for lumps braking.
- ▶ Electric controls panel with cycle time.



Processing

Mass Mixture

Salient Features:

- ▶ Capacity in Kg 50 to 300 kg.
- ▶ Design is cGMP - Current Good Manufacturing Practices compliance.
- ▶ All contact parts AISI 316 & non contact parts AISI 304.
- ▶ Uniform Mixing with paddle blade stirrer.
- ▶ Self adjusting sealing arrangement to avoid entire black particles.
- ▶ Tilting device for easy unloading and cleaning.
- ▶ The interlocked acrylic covers of product container, enclosed drive & Overloads relay protection.
- ▶ Total drive transmission system enclosed
- ▶ Limit switch installed in the top lid ensure lid is closed Overload relay Protection.





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Tray Dryer

Salient Features:

- ▶ Available in 6, 12, 24, 48, 96, 192 & 240 Trays.
- ▶ Design is cGMP - Current Good Manufacturing Practices compliance.
- ▶ All contact parts AISI 316/304 & non contact parts AISI 304/ M.S. with painted.
- ▶ Highly effective uniform air re-circulating system by low speed fan.
- ▶ Inlet air filter and damper at inlet and exhaust air damper for air flow controls.
- ▶ Controls panel with Digital temperature controller and process timer controller.
- ▶ Mobile trolleys are provided which are used to load and unload the trays into the dryer.



Processing

Tablet Community Mill

Salient Features:

- ▶ Interlocked throat hopper and belt guard & Over load relay protection.



Technical Specification :

MODEL	Bhagwati - 16	Bhagwati - 32
Output Speed	50 to 800 kg (Depends on product, speed and sieve size)	Up to 2000 kg (Depends on product, speed and sieve size)
Blades	Fixed / swinging type with knife and input edge	
Blade	16 Nos.	32 Nos.
Rotor Speed	1000 / 2200 / 4400 RPM	1000 / 2200 / 4400 RPM
Screen Area	495 mm X 135 mm	495 mm X 270 mm
Electric Motor	7.5 HP / 5.5 kW/3 ph A.C	15 HP / 11 kW/ 3 ph / AC





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Oscillating Granulator

Technical Specification :		
MODEL	Bhagwati -250	Bhagwati -500
Output	Up to 250 Kg / Hour	Up to 500 Kg / Hour
Oscillating Speed	180 per minute	180 per minute
Motor	2 hp	2 hp X 2 Nos.
Power	1.5 Kw/3 ph/415 V/50 Hz	3 Kw/3 ph/415 V/50 Hz



Processing

Multi Mill

Technical Specification :

MODEL	Bhagwati
Output Speed	50 Kg to 500 Kg Depends on products, speed and sieve size
Rotor Speed	750/1500/2300/3000 RPM by step pulley Option for VFD
Rotor Diameter	250 mm
Charging Height	1445 mm.
Discharging Height	730 mm.
Motor	3 HP/2.25 Kw/3 Phase/1440 RPM/AC





Roll Compactor

Technical Specification :

MODEL	SBRC – 200/75	SBRC – 200/100	SBRC – 200/150
Output	05 to 75 Kg/Hour*	10 to 150 Kg/Hour*	25 to 200 Kg/Hour*
Roll size	Ø 200mm x 75mm Width	Ø 200mm x 100mm Width	Ø 200mm x 150mm Width
Roll surface (Selection depends upon material characteristics)	vCorrugated (With Machine)	vCorrugated (With Machine)	vCorrugated (With Machine)
	vPlain (Optional)	vPlain (Optional)	vPlain (Optional)
	vKnurled (Optional)	vKnurled (Optional)	vKnurled (Optional)
	vBriquetted (Optional)	vBriquetted (Optional)	vBriquetted (Optional)
Roll speed (Step pulley drive)	6 to 25 RPM	6 to 25 RPM	6 to 22 RPM
Feed screw speed (Through AC Variable Frequency Drive)	5 to 60 RPM	5 to 60 RPM	5 to 60 RPM
Roll drive Motor	5 HP / 960 RPM / 3 Phase	7.5 HP / 960 RPM / 3 Phase	10 HP / 960 RPM / 3 Phase
Feed screw drive motor	3 HP / 1440 RPM / 3 Phase	3 HP / 1440 RPM / 3 Phase	5 HP / 1440 RPM / 3 Phase



Processing

Fluid Bed Dryer



Salient Features:

- ▶ Design is cGMP - Current Good Manufacturing Practices compliance.
- ▶ All contact parts AISI 316 & non contact parts AISI 304.
- ▶ Single piece construction with Integrated retarding expansion chamber cum filter bag housing
- ▶ Batch type dryer with available capacity 30 kg to 500 kg. Batch size
- ▶ Pneumatic Sealing of Filter Bag and Product container by inflatable silicon rubber tube.
- ▶ Inlet Air handler with Air Filter- Micro, HEPA and Heat Exchanger Steam or Electric.
- ▶ Exhaust air blower with dynamic balance fan.
- ▶ Built in Explosion vents and isolation valve protect equipment.
- ▶ Automatic Temperature controls for Inlet Air and Process cycle time controls.





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Rapid Mixer Granulator

Technical Specification :

Model	Gross Capacity In Liter	Working Capacity In Liter	Loading Capacity In Kg.	Mixing Impeller Motor HP-Dual	Mixing Impeller speed RPM-Dual	Chopper Motor HP-Dual	Chopper speed RPM-Dual
Bhagwati -50	50	40	20				
Bhagwati-100	100	80	40				
Bhagwati-150	150	120	60				
Bhagwati-300	300	240	120				
Bhagwati-400	400	320	160				
Bhagwati-600	600	500	250	Please contact us for more details.			
Bhagwati-750	750	600	300				
Bhagwati-1000	1000	800	400				
Bhagwati -1200	1200	1000	500				

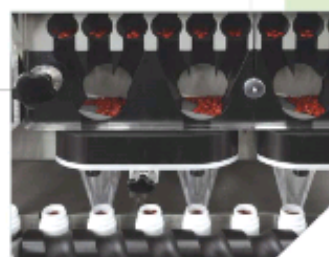


Processing

Electronic Type Automatic Tablet Counting & Filling Machine Track Type

Technical Specification :

The highest speed	UP to 60-120 Bottles per minute
Commonly used style	Tablets/capsule
Bottle diameter	$\varnothing 20 \sim \varnothing 100\text{mm}$
Bottle highth	40 ~ 240mm
Power source	220V-50/60Hz
Compressed air	0.5 ~ 0.6MPa
Total power	1.5 Kw





SHREE
BHAGWATI
MACHTECH (INDIA) PVT. LTD.

Automatic Tablet Counting & Filling Machine (Track Type)

Technical Specification :

Model No.	SBTCF -100
Capacity 20 to 60	Bottles per minute
Container Diameter Range	26~100mm
Electric motor	2 HP / 50 Hz / 3 phase
Power	0.9 kW
Air Consumption	0.05 M3/min
Hopper volume	2 Kg



Processing

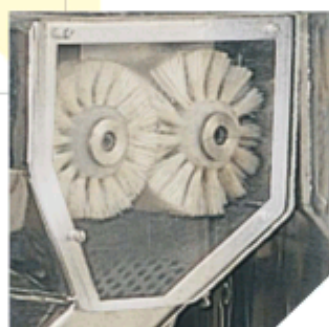
Dust Extractor

Salient Features:

- ▶ Design is cGMP - Current Good Manufacturing Practices compliance.
- ▶ All contact parts AISI 316 & non contact parts AISI 304.
- ▶ Easy to connect all types of Tablet press and De-Duster.
- ▶ Dynamically balanced blower.
- ▶ Easy mobility.
- ▶ Also we designed special type dust collector and extractor as per customer requirement.

Technical Specification :

MODEL	Bhagwati - 150	Bhagwati - 300	Bhagwati -1000
Suction Capacity	150 cfm	300 cfm	1000 cfm
Filtration Area	9 sq ft.	12 sq ft.	32 sq ft.
Dust Storage Capacity	3/4 cu.feet	3/4 cu/feet	50 Liter
Electric Motor	1 HP / 0.75 kW	1.5 HP / 1.12 kW	2 HP / 1.5kW





Semi Automatic Tablet Counting Machine (Electronic Type)



Technical Specification :

Machine Length	1000 mm
Width	650 mm
Height	1100 mm
Machine Construction	S.S 304
Power Supply	440 Volt (Three Phase)
Air require	2 Kg.
Production Speed	600 to 700 Tablets per Minute (Depend on tablet size)
HMI & PLC Base	(Delta make)
Glass disc	type turn table
Variable Speed	Counting sensor make Panasonic
Gear motor	(bonfiglioli Italy)
Air component with piston make	(VAC)



Processing

Blister Packing Machine

MODEL SB PACK- 75/150/240



Technical Specification :

Model	75/150/240
No Of Track	Single
Pvc Base Film	124mm
Pvc Film Thickness	0.2 TO 0.3 mm
Pvc Reel Dia Max	440 mm
Aluminium Foil Width	120 mm
Aluminium Foil Thickness	0.02 TO 0.03 mm
Total Forming Area	MIN. 25 x 110 mm / MAX. 100 X 110 mm
Pack Length	116 mm
Forming Depth	16 mm
Output	
Packs / Min	75/150/240





**SHREE
BHAGWATI**
MACHTECH (INDIA) PVT. LTD.

Strip Packing Machine

Salient Features:

- ▶ Completely fully automatic liquid / oral manufacturing plant with fully automatic operations and designed as per cGMP - Current Good Manufacturing Practices compliance.
- ▶ All contact parts AISI 316 & non contact parts AISI 304.
- ▶ Available in different models of 2,4,6,8 and 10 Track, capacity from 400 to 3000 tablet minimum with maximum sealing width of 250 mm.
- ▶ Standardized, quickly interchangeable parts.
- ▶ Compact steel fabricated body with adequate inspection windows.
- ▶ Glassine Poly.



Technical Specification :

SPA2/ SPA4/ SPA6/ SPA8/ SPA10 2 Track to 10 Track	
Output	25,000 – 1,20,000 tablet / hour
Feeding	Automatic By Vibrator



Processing

Automatic Liquid Manufacturing Vessel

Salient Features:

- ▶ Available from 50 Ltrs. to 20000 Ltrs. capacity.
- ▶ cGMP construction available on demand
- ▶ MOC shall be MS / SS 304 / SS 316 as per clients' requirement.
- ▶ Available in different options of top & bottom ends like flat, dished, conical.
- ▶ Available in plani as well as steam / hot water jacketed.
- ▶ Jacketed vessels available in different jacket option i.e simple jacket, limpet jacket, dimpled plate jacket.
- ▶ HOT , COLD or HOT & COLD (dual) insulation can be provided as per clients' requirement.
- ▶ Different agitator design to suit process requirement.
- ▶ Tailor made construction also available.
- ▶ Available in LUGS or LEGS mounting position.





SHREE
BHAGWATI
MACHTECH (INDIA) PVT. LTD.

Filter Press – Zero Hold Up

Salient Features:

- ▶ Size Available 8", 14", 18", 24" & 33" Dia.
- ▶ MOC SS 304/316/316L with high degree of finish.
- ▶ Available with centrifugal / Gear/Lobe Pump
- ▶ Scavenger arrangement is provided.
- ▶ cGMP with Documentation.



Processing

Storage Tank / Mixing Tank

Shree Bhagwati Group is an Indian Leading manufacturer of Stainless steels Gr. 304 / Gr.316 / M.S. reactors, Reactor with Bottom Entry Agitator, Reactor with Limpet and Jacket, Reactor with Cooling Coil for reactor vessels, Stainless Steel Reactor of Storage Vessels/Tanks are being used as a Liquid Storage Tank, Wine Storage Tank, Syrup Storage Vessel, Liquor Storage Tank, Juice Storage Vessel, Chemical Storage Vessel, Reactor Vessel, Chemical Reactor Vessel in various industries stainless steel mixing vessels and ASME vessels for Pharmaceuticals, Biotech, Cosmetics and other liquid processing industries.

High pressure Stainless Steel -1KL Storage Tank to 70 KL (20000 Ltr) Storage Tank and Vessel , Electric Heating Stainless Steel Reactor / chemical reactor , Stainless Steel Reactor Vessel for cooling / heating , Reactor with Heating Jacketed reactor , Stainless Steel Reactor With Agitators Mixing , Pharmaceutical and Chemical Stainless Steel Reactor ,Mixing stainless steel tanks With jacket ,Stainless Steel Reactor With Agitator and Chemical reactor Coil Heating process equipment to the brewing, beverage, food, waste, pharmaceutical and chemical industries.



Turn Table

30" / 36" / 48"

Description:

Stainless steel scrambler & Unscramble, which is familiar as turn table. This is built on S. S. Square frame, solid guide rail & reduction gear box for jerk less & noiseless performance. Turntable is useful to insure total synchronization, uniform flow of Bottle and to take a turn at 90 degree to suit different machine and purpose in automatic Liquid Suspension Syrup line.

- Construction AISI S.S. 304 Quality.
- Height adjustable 800 mm \pm 50 mm.
- Suitable for different type of Bottle.
- S.S. Elegantly Matt Finished Body.
- Speed Variable Step pulley System.

Utility Requirement

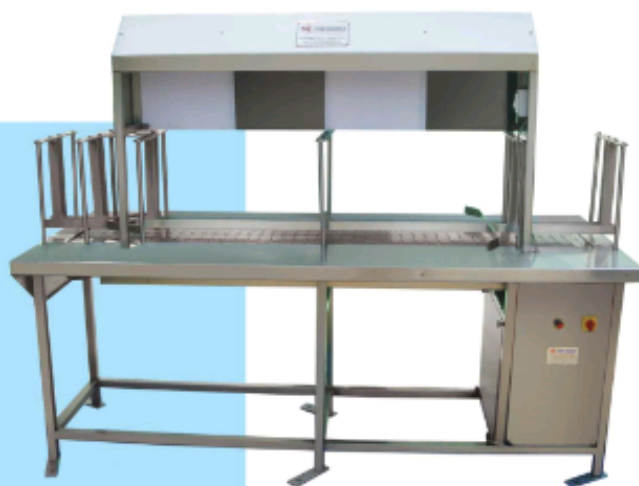
Electrical Supply	3 Phase + Neutral + Earthing
Electrical Load	1.0 KW



Vial / Bottle Inspection Machine

Technical Specification :

Model	SBVBI – 100	SBVBI – 150
	Four seated two-side system. [2 X 2]	Six seated two-side system. [3 X 2]
Direction of Movement	Left to Right	Left to Right
Output	Up to 100 Containers/minute	Up to 150 Containers/minute
Number of Operator	Four (2x2, Two Side Seated)	Six (3x2, Two Side Seated)
Number Characteristics	0.5 HP / 220 Volts / 50 Hz.	0.5 HP / 220 Volts / 50 Hz.
Height of Conveyor	860mm to 910mm	





**SHREE
BHAGWATI**
MACHTECH (INDIA) PVT. LTD.

Packing Conveyor Belt

8 Feet / 10 Feet / 12 Feet / 15 Feet

Salient Features:

- ▶ Structure is made of S.S. 304, 30 mm sq. pipe, 16 SWG with matt finish.
- ▶ A/c frequency variable drive.
- ▶ Belt-alignment system for long life & straight running of belt.
- ▶ Direct gear drive. Length can be made as per customer requirement.
- ▶ S.S. elegantly matt finishing.
- ▶ Adjustable height of conveyor belt, to align with other machine of the line.
- ▶ Self-alignment bearing for easy maintenance.
- ▶ Rigid Vibration free Construction for trouble free performance.

Technical Specification :

Direction of Movement	Left to Right
Height of Conveyor**	860 mm to 910 mm
Belt width**	9" or 12" as per requirement.
Belt Details**	PVC, endless 2 ply sandwich , 2mm thickness.



Semi Automatic Shrink Wrapping Machine



Technical Specification :

Type	Group Bottle Packaging machine
Driven Type	Electric
Place of Origin	Multipack - Ahmedabad, Gujarat, India
Voltage	13 to 18 KW
Application	Pet , Glass , HDPE bottle , Tin Group Shrink Packing machine and bundling packing
After sales service	Installation Done by Engineer
Production Capacity	60 Bottle Per Minute (3-4 pack per minute) depend of operator speed.
Film Material	LD
Control	Digital PLC
Temperature controller	Digital / Analog temperature controller
MOC	MOC Powder Coated
Conveyor	Wire Mesh conveyor for tunnel
Pusher	Pneumatic bottle pusher
Temperature	50- 250 Degree – depend of products/ bottles MOC / Film materials
Product / Bottle feeding	Bottle feeding manually
Machine suitable	Bottle Shrink Wrapping, Bundle Shrink Wrapping, Body Sleeve Wrapping, Neck Sleeve Wrapping, Carton Shrink Wrapping ,Tray Shrink Wrapping and bundling pack.





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Automatic Shrink Wrapping Machine

Technical Specification :

Packaging speed	Up to 10-15 Pack/minute 100-200 Bottles per minute
Transfer belt width	550mm
Sealing and cutting time/temperature	0.5-1.5s 180°C-260°C
Operating power supply/power	380V 30kw
Operating air pressure	0.6-0.8Mpa
Air Consumption	0.6m ³ /minute



Automatic Shrink-Sleeve Label Applicator with Tunnel and Conveyor

MODEL SB-Sleeve-120 / 250

Technical Specification :

Machine Model	SB-Sleeve-120 / 250		
Capacity – SB- Sleeve – 120	1000-7200 Bottles/hour (sleeve height 5~10cm)		
Capacity – SB- Sleeve - 250	1000-7200 Bottles/hour (sleeve height 5~10cm)		
MOC	Stainless Steel Squire pipe 304 for body		
Motor	Servo Motor for applicator dropper and feeder roller + cutter		
Applications	Filled and Empty bottle with puck systems , rotating systems		
Size L*W*H	3000*850*2000mm for Applicator approx.		
Product Height	Height adjustable by screw with handle		
Change Parts	Mandrill set + Centre Pillar , bottle feed Worm , Cutter		
Direction of Movement	Left to right	Weight	1150Kgs approx.
Powder Supply	Applicator Single Phase 230 Volts Electrical Shrink Tunnel 3 phase 415Volts		
Operating	Touch Screen	Total powder	3.0KW

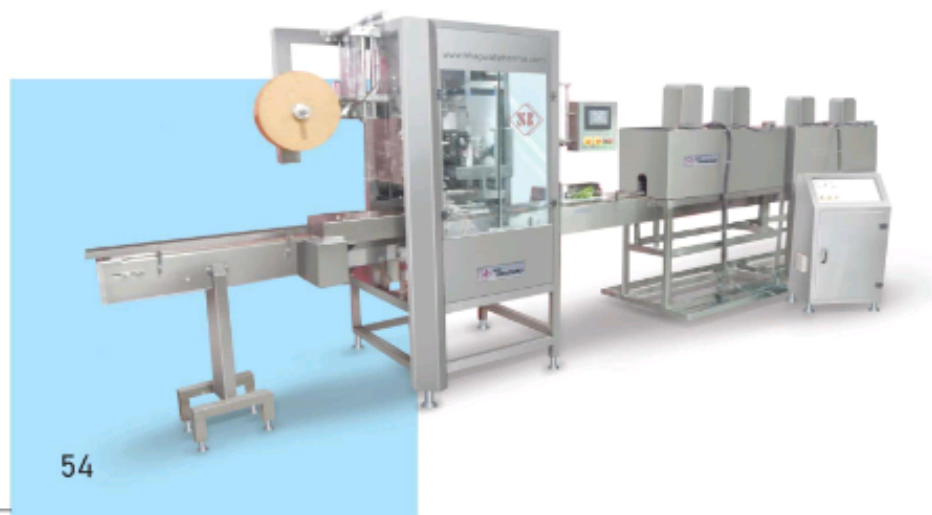
Technical Specification :

Shrinkable labels

Materials	PVC、PET、OPS
Thickness	0.03~0.13mm
Labels height	40~200mm
Flat width	Max210mm
Inner Dia. Of Labels roll	76mm

Bottles to pack

Height	Max 280mm
Diameter	Ø28- Ø90mm standard and we offer up to 300mm DIA Special extra on request
Material	Glass、Metal、Plastic
Shapes	Round, square, flat, curved cup-shaped bottles



Automatic Shrink-Sleeve Label Applicator with Tunnel and Conveyor

MODEL SB-Sleeve-120 / 250

Technical Specification :

Machine Model	SB-Sleeve-120 / 250		
Capacity – SB- Sleeve – 120	1000-7200 Bottles/hour (sleeve height 5~10cm)		
Capacity – SB- Sleeve - 250	1000-7200 Bottles/hour (sleeve height 5~10cm)		
MOC	Stainless Steel Squire pipe 304 for body		
Motor	Servo Motor for applicator dropper and feeder roller + cutter		
Applications	Filled and Empty bottle with puck systems , rotating systems		
Size L*W*H	3000*850*2000mm for Applicator approx.		
Product Height	Height adjustable by screw with handle		
Change Parts	Mandrill set + Centre Pillar , bottle feed Worm , Cutter		
Direction of Movement	Left to right	Weight	1150Kgs approx.
Powder Supply	Applicator Single Phase 230 Volts Electrical Shrink Tunnel 3 phase 415Volts		
Operating	Touch Screen	Total powder	3.0KW



Technical Specification :

Shrinkable labels

Materials	PVC、PET、OPS
Thickness	0.03~0.13mm
Labels height	40~200mm
Flat width	Max210mm
Inner Dia. Of Labels roll	76mm

Bottles to pack

Height	Max 280mm
Diameter	Ø28- Ø90mm standard and we offer up to 300mm DIA Special extra on request
Material	Glass、Metal、Plastic
Shapes	Round, square, flat, curved cup-shaped bottles

Automatic Shrink-Sleeve Label Applicator with Tunnel and Conveyor

MODEL SB-Sleeve-120 / 250

Technical Specification :

Machine Model	SB-Sleeve-120 / 250		
Capacity – SB- Sleeve – 120	1000-7200 Bottles/hour (sleeve height 5~10cm)		
Capacity – SB- Sleeve - 250	1000-7200 Bottles/hour (sleeve height 5~10cm)		
MOC	Stainless Steel Squire pipe 304 for body		
Motor	Servo Motor for applicator dropper and feeder roller + cutter		
Applications	Filled and Empty bottle with puck systems , rotating systems		
Size L*W*H	3000*850*2000mm for Applicator approx.		
Product Height	Height adjustable by screw with handle		
Change Parts	Mandril set + Centre Pillar , bottle feed Worm , Cutter		
Direction of Movement	Left to right	Weight	1150Kgs approx.
Powder Supply	Applicator Single Phase 230 Volts Electrical Shrink Tunnel 3 phase 415Volts		
Operating	Touch Screen	Total powder	3.0KW

Technical Specification :

Shrinkable labels

Materials	PVC、PET、OPS
Thickness	0.03~0.13mm
Labels height	40~200mm
Flat width	Max210mm
Inner Dia. Of Labels roll	76mm

Bottles to pack

Height	Max 280mm
Diameter	Ø28- Ø90mm standard and we offer up to 300mm DIA Special extra on request
Material	Glass、Metal 、 Plastic
Shapes	Round, square, flat, curved cup-shaped bottles





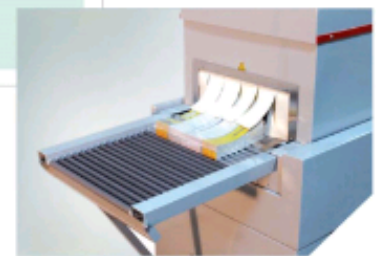
Shrink Tunnel with Slat Conveyor with Rotating Pucks Systems

The material we used :

- ▶ All Electrical components are Siemens make or equivalent.
- ▶ All Switches are Sulzer or equivalent.
- ▶ Flexible cable should be provided with pvc air hose protection.
- ▶ Separate amp meter for all three-phase circuit.
- ▶ Stud type connector for cable termination.
- ▶ Incoming mcb 32 amp Indo-Copp make or equivalent.
- ▶ Blower Motor is separately controlled.

Technical Specification :

Temp. Req.	100° To 120° Degree Centigrade to Chamber,
Heater	Heater With Heating System. Total 10 KW
Motive Load	1 Hp Conveyor , And 1 Hp Blower Fan Load
Drive	Variable A.C. Drive With "Vfd" Facility,
Tunnel Open	300 Mm H X 250 Mm W,
Panel	Separate Mounted Panel For Machine,
Speed	Up to 40 Bottles per minute – depend on bottle size



Labelling

Label Roll Counting and Winding / Rewinding Machine

Salient Features:

- ▶ Virtually Maintenance free machine.
- ▶ Easy to change label roll size.
- ▶ User Friendly Label Counting Adjustments.
- ▶ Self Protected against Voltage Fluctuations.
- ▶ Suitable for Label Counting as well as offline Coding.
- ▶ Built In A.C. Variable Frequency Drive System.
- ▶ Fully Stainless Steel finish Machine.

Technical Specification :

Label Roll Height	90 mm Standard*
Label Roll Dia.	400 mm
Core Dia.	75/76 mm
Gap Between two Labels	Appx. 3 mm
Label Roll Speed	250 label per minute
Electrical	220 VAC Single Phase Power Supply (50/60 Hz)
Power	1.2 Amp.
Capacity	0.75 Kw





**SHREE
BHAGWATI**
MACHTECH (INDIA) PVT. LTD.

MODEL

Wad Inserting Machine

SBWI-60 / SBWI-120

Salient Features:

- ▶ SS elegantly matt finished body.
- ▶ Single motor synchronizes star wheel & platform turret.
- ▶ Adjustable height of machine.
- ▶ Low noise level, low power consumptions.
- ▶ SS cladding or hard chrome plating of all exposed parts to ensure long life and resistance against corrosion.
- ▶ Minimum time for change over.
- ▶ Easy operating system.

Technical Specification :

Model	SBWI – 60	SBWI – 120
Head	Single	Double
Output	Up to 60 Caps per minute – depend on cap size.	Up to 120 Caps per minute – depend on cap size
Direction of Movement	Left to Right.	Left to Right.
Electrical Specification**		
Main Motor	2 HP max	4 HP max
Cap Feeding Bowl	10 amp.	20 amp.
Working Height**	700 to 900mm	700 to 900mm



Labelling

Rotary High Speed Ampoule / Vial / Test Tubes Sticker Labelling Machine

MODEL SBRSL-100/200/300/400

Salient Features:

- ▶ No label data input/retrievals require for any label size.
- ▶ Synchronized speed of label dispensing, conveyor and .top holding belt
- ▶ Virtually maintenance free machine.
- ▶ Easy to change label application height.
- ▶ User friendly label placing adjustments .
- ▶ No change parts container & label size.
- ▶ Built in A. C. variable frequency drive system.
- ▶ Fully stainless steel finish machine and also frame structure.

Technical Specification :

Label Height	8 mm to 70 mm Standard*
Label Length	12 mm to Minimum
Label Roll Dia	300 mm
Core Dia	75/76 mm
Product Diameter	35 mm* Maximum
Electrical	220 VAC Single Phase Power Supply (50/60 Hz)
Power	2.5 Amp
Capacity	0.75 KW
Output / Min	Up to 100-400 Label/min. (As per customer requirement.)





**SHREE
BHAGWATI**
MACHTECH (INDIA) PVT. LTD.

Wet Glue Labelling Machine

MODEL SBHL – 150 / 300

Salient Features:

- ▶ S.S. cladding or hard chrome plating of all exposed parts ensures long life and resistance against corrosion.
- ▶ A high efficient vacuum pump maintains the operation sequence of lable taker and main lable cylinder at high speed.
- ▶ 'No Container no label' System.
- ▶ Full Gear System.
- ▶ Vacuum Pick-up System (No label finger).
- ▶ Specially designed roller thrust bearing ensures smooth and trouble free operation.
- ▶ 'No Lable No. gluing' photocell sensing device avoids unnecessary smearing of glue on the main lable cylinder.
- ▶ No changeover parts are required for change of height upto 10 mm. (from bottom edge of the container) for the same size of container and lable.

Technical Specification :

Model	SBHL – 150	SBHL – 300
Direction	Left To Right.	Left To Right.
Production Rate	Up to 40-80 Bottles / Minute – Depend on bottle and label size	Up to 100-150 Bottles / Minute – Depend on bottle and label size
Electrical Supply	1.00 HP For Main Drive. 0.50 HP for Vacuum pump.	1.00 HP For Main Drive. 0.50 HP for Vacuum pump.
Power Requirement	440 Volts, 3 Phase (4 wire System) 50 Hz.	440 Volts, 3 Phase (4 wire System) 50 Hz.
Height of Conveyor	Adjustable from 800 To 850 MM	Adjustable from 800 To 850 MM



Labelling

Stand Alone Label Applicator

MODEL SB Label - 01

Technical Specification :

Model	SB LABEL – 01
Labeling Speed	Up to 60-250 Products Per Minute
Labeling Precision	$\pm 1.0\text{mm}$
Power Supply	110V/220V 50/60HZ
Roll Inter	$\varnothing 75\text{mm}$
Roll Outer	$\leq \varnothing 300\text{mm}$





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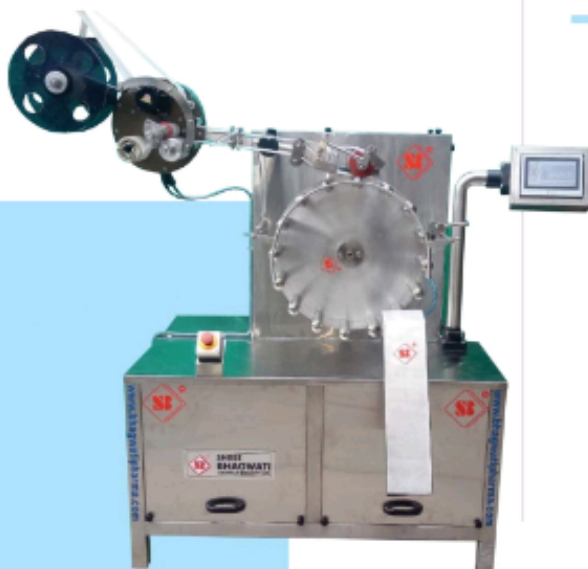
Tube Sticker labelling Machine (Plastic / Aluminium Tubes)

MODEL
SBHSL-60

This model is suitable for various dia. tubes i.e. 19 mm to 60 mm. The machine operates at the speed up to 40 tubes / min

Technical Specification :

Model No.	SBHSL-60
Label speed	Up to 40 tubes/min
Label accuracy	± 1mm
Label Length (Max.)	150mm
Label width (Max.)	90 mm (H)
Tube diameter (Max.)	65mm
Tube diameter (Min.)	19mm
Tube length (Max.)	220mm
Label Reel Core Diameter	76.2mm
Power	220V 50Hz 3000W



Labelling

Top & Bottom Horizontal Sticker Labelling Machine

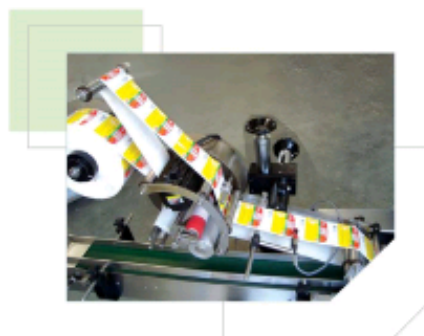
MODEL SBHSL - 150/ SBHSL - 300

Salient Features:

- ▶ In Line Application or Independent Operation.
- ▶ Optium Sensing System offer the most accurate position.
- ▶ Auto label set and positioning.
- ▶ 6 speed selection of labeling and conveyor.
- ▶ Two Copies applicators Height and angle adjust by easy handwheel.
- ▶ Encoder Technology Fully Synchronizes Conveyor with Dispensing.
- ▶ Customized Conveyor by Product size.
- ▶ Sanitary Stainless Steel Frame.
- ▶ Heavy Duty Construction.

Technical Specification :

Label Width	10--100mm
Label Length	10--250 mm
Accuray	± 1 mm
Label Roll Dia.	300 mm
Core Dia.	75 mm
Electrical	220 VAC Single Phase Power Supply (50/60 Hz)
Power	1.2 Amps.
Capacity	0.5 Kw
Speed	Up to 60-300 Label/min - (As per customer requirement)
Conveyor Height	865 -960 mm



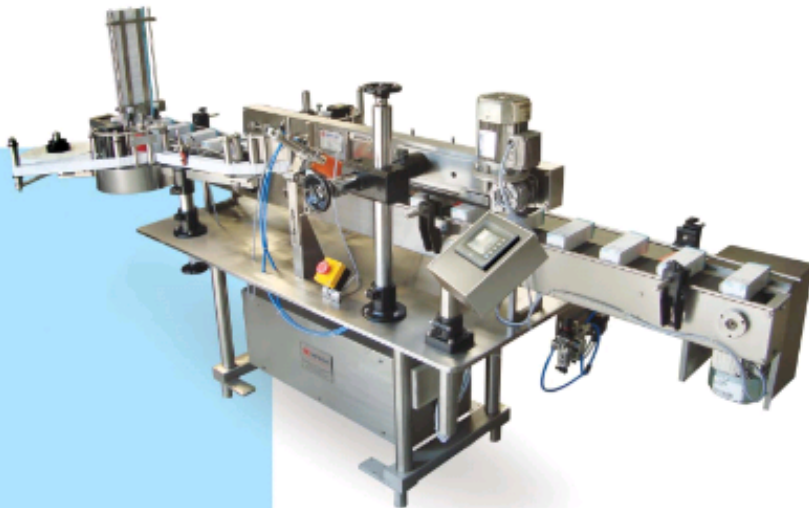
Single/ Double Side Security Seal Label Applicator (Tamper Proof stickers)

MODEL

SBHSL - 150/ SBHSL - 300

Technical Specification :

Gap of labels in roll	3mm
Electrical	220 VAC Single Phase Power Supply (50/60 Hz)
Power	1.2 Amps.
Capacity	0.5 Kw
Speed	60-300 Cartons per minute -depending on product and Label size
Conveyor Height	865 -960 mm



Labelling

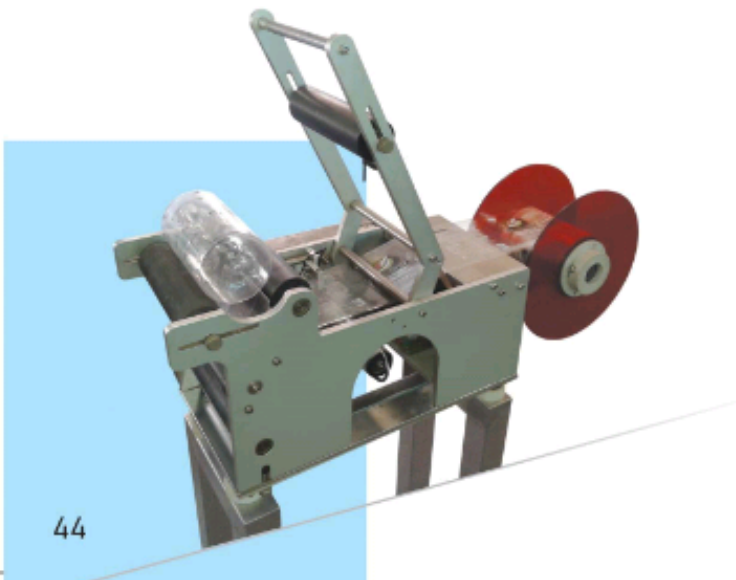
Table Top Sticker Labelling Machine for Round / Flat Bottles

Salient Features:

- ▶ The unit is made compact & versatile as per GMP norms.
- ▶ The whole structure is made of SS304.
- ▶ Easy to operate by foot mounted switch.
- ▶ Can be operated by semi-skilled operator.
- ▶ The machine can be utilized for various sizes (Diameter) of bottles.
- ▶ User friendly and very less maintenance required.
- ▶ Height can be easily adjusted as per the products.
- ▶ Any type of coder can be attached
- ▶ It consists of fibre optic based label gap sensor & product sensor.
- ▶ Break assembly to avoid variation.
- ▶ Label roll of 300 Diameter can be installed.

Technical Specification :

Bottle size (Ø)	15mm Ø to 90mm Ø
Output speed	15 to 20 Bottle per minute
Label size (H x L)	Min 15 and 250 mm
Power Consumption	0.2 KW
Power Supply	Single Phase, 230V, 50 Hz
Air Supply	4 to 6 Kg/cm2





SHREE
BHAGWATI
MACHTECH (INDIA) PVT. LTD.

Top & Side Sticker Labelling Machine

MODEL SBHSL - 150 / SBHSL - 300

Salient Features:

- ▶ No label data input/retrievals require for any label size.
- ▶ No change parts for label size.
- ▶ Single pot on-line speed variation control.
- ▶ Synchronized speed of label dispensing, conveyor and pressing device.
- ▶ Virtually maintenance free machine.
- ▶ User-friendly label placing adjustments.
- ▶ Self protected against voltage fluctuations.
- ▶ Built in A. C. variable frequency drive system.
- ▶ Fully stainless steel finish machine and also frame structure.

Technical Specification :

Label Height	8 mm to 90 mm Standard
Label Length	12 mm to Unlimited
Label Roll Dia.	300/400 mm
Core Dia.	75/76 mm
Electrical	220 VAC Single Phase Power Supply (50/60 Hz)
Power	1.2 Amps.
Capacity	0.5 Kw
Output / Min	Up to 60-300 Label/min. (As per customer requirement)
Conveyor Height	865 -960 mm



Labelling

Round Cum Single Side Bottle Sticker Labelling Machine

MODEL SBSL-120RF/ SBSL-150RF/ SBSL-300RF

Salient Features:

- ▶ Total S.S. GMP Model.
- ▶ High Production Speeds.
- ▶ Suitable for any type of Flat / Oval / Square / Rectangle /Round bottles.
- ▶ Container hold from top for perfect & accurate labelling.
- ▶ Accurate label placement.
- ▶ Full Security Package including counter.
- ▶ No change parts requirements.
- ▶ Very less down time for change over.

Technical Specification :

Brand	Bhagwati
Label Roll Diameter	Max. 400 mm.
Label accuracy	± 1mm
Direction Of Movement	Left to Right
Output / Minutes	Up to 60-300 bottles per minute (As per customer requirement)
Electrical Motor	2 HP
Height Of Conveyer	860 mm to 910 mm
Power Characteristics	230 volts ac 50 Hz.
Construction	Top stainless steel matt finish & SS Pipe structure is covered with SS 304 sheet.
Compressor Air	4 to 6 bars. (only for printing device)





**SHREE
BHAGWATI**
MACHTECH (INDIA) PVT. LTD.

Rotary Pet Bottle Sticker Labelling Machine

MODEL SBSL - 120R / SBSL - 150R/ SBSL - 300R

Salient Features:

- ▶ Accurate label placement.
- ▶ Unrivalled build quality and reliability.
- ▶ Secondary pressure unit.
- ▶ In built A.C. frequency drive
- ▶ Label data inputs not required due to auto label length detection system.
- ▶ Speed control by a single knob.



Technical Specification :

Type Of Labelling	Wrap Round Labelling
Bottle MOC	Glass/PET/HDPE
Bottle Shape	Round Shape
Output / Minutes	60-300 bottles per minute - As per customer requirement
Electrical Motor	2 H P
Power Characteristics	230 Volts AC 50 Hz.
Construction	Top stainless steel matt finish & S. S. Pipe structure is covered with S.S. 304 sheet.
Compressor Air	4 to 6 Bars. (Only for printing device)
Label Roll Diameter	Max. 400 mm.
Label accuracy	± 1mm
Over All Dimensions	1950 mm (L) 950 mm (W) Adjustable Height 800 to 850 mm.



Labelling

Automatic Double Side (Front & Back) Sticker Labelling Machine

MODEL SBSL-60D/120D/150D/300D

Salient Features:

- ▶ High Production Speeds.
- ▶ Suitable for any type of Oval / Flat / Square Container.
- ▶ Container hold from top for perfect & accurate labelling.
- ▶ Stainless steel 304 construction.
- ▶ Accurate label placement.
- ▶ Full Security Package including counter.
- ▶ Very less down time for change over.
- ▶ Suitable for Glass, Plastic, Pet, Tin, Corrugated containers.

Technical Specification :

Brand	Bhagwati
Type Of Labelling	Double Side Labelling
Direction of Movement.	Left to Right
Output / Min	Up to 60-300 Label/min. (As per customer requirement)
Electrical Motor.	2 HP
Height of Conveyer	860 mm to 910 mm
Power Characteristics.	230 Volts AC 50 Hz.
Construction.	Top stainless steel matt finish & S. S. Pipe structure is covered with S.S. 304 sheet.
Compressor Air.	4 to 6 Bars. (Only for printing device)
Label Roll Diameter.	Max. 300 mm X ID 75 mm
Label accuracy	± 1 mm





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Automatic Round, Front and Back Labeller Machine

MODEL SBSL-120D-RF/ SBSL-150D-RF/ SBSL-300D-RF

Salient Features:

- ▶ Total S.S. GMP Model.
- ▶ High Production Speeds.
- ▶ Suitable for any type of Oval / Flat / Square & Round Containers.
- ▶ Container hold from top for perfect & accurate labelling.
- ▶ Accurate label placement.
- ▶ Full Security Package including counter.
- ▶ Secondary pressure unit for round bottle / jars .
- ▶ No change parts requirements.
- ▶ Very less down time for change over.

Technical Specification :

Brand	Bhagwati
Label Roll Diameter	Max. 400 mm.
Label accuracy ± 1 mm	Direction Of Movement
Left to right	Output 60-300 labels per min (As per customer requirement)
Electrical Motor	2 HP
Height Of Conveyer	860 mm to 910 mm
Power Characteristics	230 volts ac 50 Hz.
Construction	Top stainless steel matt finish & SS Pipe structure is covered with SS 304 sheet.
Compressor Air	4 to 6 bars. (only for printing device)

* Depending on the shape and size of container and label size.

** Can be supplied as per customer requirements.



Labelling

Semi Automatic Self Adhesive Sticker Labelling Machine

MODEL SBSL - 60

Technical Specification :

Model	SBSL - 60
Gap Between two Labels	Approx. 3 mm
Product Diameter	15 mm to 70 mm*
Electrical	220 VAC Single Phase Power Supply (50/60 Hz)
Power	1.5 Amp.
Capacity	0.75 Kw
Speed	Up to 40 Labels per minute depending on Product and Label Size
Conveyor height	830-940 mm
Machine Direction of Movement	Left to Right from operator side





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Automatic Single Side Sticker Labelling Machine

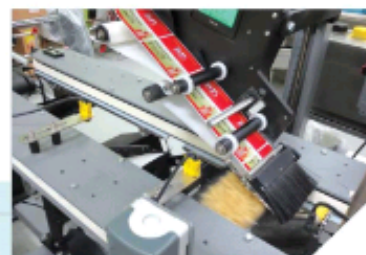
MODEL SBSL-60F/120F/150F/300F

Salient Features:

- ▶ Single Point on-line Speed Variation control system.
- ▶ Precise Label Placement Accuracy.
- ▶ Built In A.C. Freq. Drive System.
- ▶ Fully Stainless Steel Finish including main machine frame.

Technical Specification :

Type Of Labelling	Single Side Labelling
Output / Min	Up to 60-300 Label/min. (As per customer requirement)
Label Roll Dia.	300 mm
Label accuracy	± 1mm
Core Dia.	75/76 mm
Gap Between two Labels	Appx. 3 mm
Electrical	220 VAC Single Phase Power Supply (50/60 Hz)
Power	2.0 Amp.
Conveyor height	830-875 mm*
Machine Direction of Movement	Left to Right from operator side

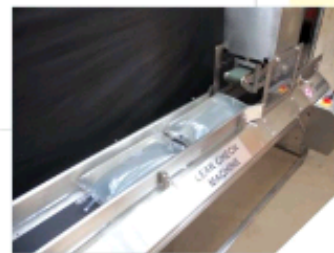
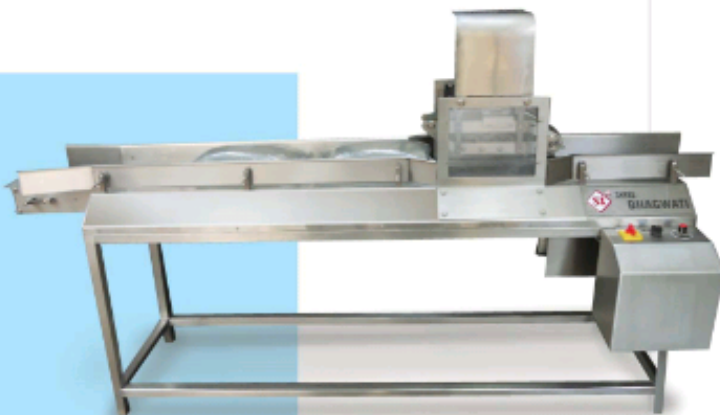


Sealing

Leak Check Machine for IV Bottle / Bag / Pouch

Salient Features:

- ▶ The Leakage Tester is intended for testing the leakage of sterile solutions filled in flexible IV bags after autoclaving.
- ▶ Should be suitable for 100% testing of leakage with capacity of at least 60-120 PPM.
- ▶ Should be suitable to test the leakage of at least 6 IV bags containing around 1000 ml capacity at a time.
- ▶ Should have display system for results and control of parameters.
- ▶ Should be suitable for integration to production line such as inspection instrument.
- ▶ Should be pressure based system for testing and monitoring of leakage of filled IV bags.
- ▶ Leak Measurement by Differential Pressure Decay or similar mechanism.
- ▶ Pressure Range: 0.1 – 10 bar.
- ▶ Maximum Resolution 1 Pa.
- ▶ Linearity <0.5% of full Scale.
- ▶ Accuracy 0.5% of measured Value +2 digit.
- ▶ Should be fitted with containing mechanism for holding leaked solution.
- ▶ Should be easy for use, cleaning and maintenance



Automatic Wrap Around Sticker Labelling Machine

MODEL SBSL – 120 / 150 / 200 / 300

Salient Features:

- ▶ Accurate label placement.
- ▶ Unrivalled build quality and reliability.
- ▶ Full Pharmaceutical security Package including counter.
- ▶ Secondary pressure unit.
- ▶ No change parts for change of container & label size.
- ▶ Single point online speed variation control system.
- ▶ In built A.C. frequency drive.
- ▶ Label data inputs not required due to auto label length detection system.
- ▶ Machine with pressing unit.
- ▶ Speed control by a single knob.

Technical Specification :

Brand	Bhagwati
Type Of Labelling	Wrap Round Labelling
Label Size	Up to 90 mm height and up to 200mm length
Direction of Movement	Left to Right
Output / Minute	Up to 60-300 Label/min. (As per customer requirement)
Electrical Motor	2 HP
Power Characteristics	230 Volts AC 50 Hz.
Construction	Top stainless steel matt finish & S. S. Pipe structure is covered with S.S. 304 sheet.
Compressor Air	4 to 6 Bars. (Only for printing device)
Label Roll Diameter	Max. 400 mm.
Label accuracy	± 1mm
Over All Dimensions	1950 mm (L) 950 mm (W) Adjustable Height 800 to 850 mm.



Sealing

Induction Cap Sealing Machine

MODEL SBCS-2000 / 3000

Advantages of Induction Cap Sealing

- ▶ **Tamper Proof :** It is not possible, from production to the Consumer that the content of the product be manipulated without being clearly noticed.
- ▶ **Product Freshness:** The taste and aroma of the product remains intact due to the hermetic seal.
- ▶ **Protection against Leakage :** There is no spillage or loss of contents of the product.
- ▶ **Sales Promotion:** The foil on the inside can be used for advertising or promotional purposes.
- ▶ **Maximum Filling Speeds:** The sealing takes place without any direct contact which allows full potential of the filling plant to be utilised.
- ▶ **Minimum Effort:** The wad is put in the cap by the manufacturers. Thus the filling line requires only the Induction Cap Sealing equipment to be installed.
- ▶ **Indirect Heating:** Induction heating allows heat sensitive products such as creams, petroleum product , pesticides etc. to be sealed faster and safely than direct heating which would normally spoil or catch fire.



Technical Specification :

Induction Sealer Control Panel

Electrical Input Requirements	230VAC Single Phase 50 Hertz 10Amperes.
MOC	Stainless Steel Grade 304
Sealing Speeds: SBCS-2000	2000-4000 Bottles per hour - depend on cap size
Sealing Speeds: SBCS-3000	4000-8000 Bottles per hour - depend on cap size
Neck/Cap Diameters	25mm – 70mm.
Type Of Sealing Head	Tunnel Type Induction Head
Adjustable Height	0 – 300mm.

Water Recirculation System.

Water Tank Capacity	5 litres of DM Water
MOC	Stainless Steel 304
Interlocks	Water Flow Switch



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Online Check Weighing Machine

For Bottle/ Pouches / Cartons

Salient Features:

- ▶ 7" SIEMENS touch screen and PLC, more stability and easier to operate.
- ▶ Apply HBM load cell ensure high accuracy and stability (original from Germany).
- ▶ Solid SUS304 structure ensure stable performance and precise weighing.
- ▶ Reject arm, air blast or pneumatic pusher for selecting.
- ▶ Belt disassembling without tools, which is easier to clean.
- ▶ Install emergency switch at the size of machine, user friendly operation.
- ▶ Arm device show clients clearly for the production situation (optional).

Technical Specification :

Model	SB-C220
Speed	60-120 PPM
Accuracy	+ 1 grams
Mini Scale	0.1 grams
Conveyor Width	450mm
Reject system	Reject Arm/Air Blast / Pneumatic Pusher
Power supply	3 Phase 415 / 220Volts, 50Hz.



Sealing

Automatic Screw Capping Machine

SBCS – 60S / 100S / 150S / 200S

Technical Specification :				
Model No.	SBCS-60S	SBCS-100S	SBCS-150S	SBCS-200S
Output	30-40 bottles per minute (depend of bottle and Cap sizes)	40-60 bottles per minute (depend of bottle and Cap sizes)	60-80 bottles per minute (depend of bottle and Cap sizes)	80-120 bottles per minute (depend of bottle and Cap sizes)
Direction of Movement	Left to Right	Left to Right	Left to Right	Left to Right
No. of Sealing Head	1 Nos.	4 Nos.	6 Nos.	8 Nos.
Electrical Specification**	1.0 HP/415 Volts/50 Hz	1.0 HP/415 Volts/50 Hz	2.0 HP/415 Volts/50 Hz	2.0 HP/415 Volts/50 Hz
Height of Conveyor**	860 mm to 910 mm	860 mm to 910 mm	860 mm to 910 mm	860 mm to 910 mm

Salient Features:

- ▶ No container no cap arrangement.
- ▶ Single motor synchronizes conveyor, star wheel & platform turret.
- ▶ Adjustable height of conveyor belt.
- ▶ All contact parts are made out of stainless steel.
- ▶ AC frequency drive for variable speed





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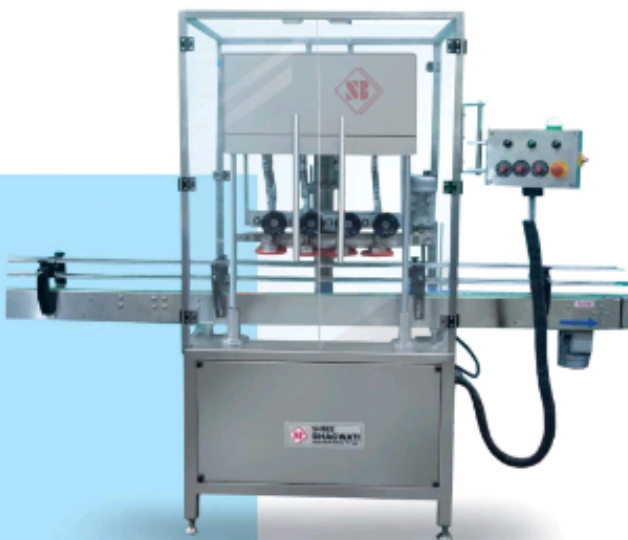
Linear Screw Capping Machine

Salient Features:

- ▶ No container no cap arrangement.
- ▶ S.S. elegantly matt finished body.
- ▶ Adjustable height of conveyor belt, to align with other machine of the line.
- ▶ Specially designed hopper is provided to increase storage capacity of bowl.
- ▶ Low noise level, low power consumptions.
- ▶ Adjustable bottle height gauge for easy and quick setting.
- ▶ Nitrogen Fushing Nozzles before cap delivery chute.

Technical Specification :

Output / Min	30 -100 Bottles Per min. (Output depend of bottle and Cap sizes)
Direction of Movement	Left to Right.
Head Type	Universal type
Electrical Specification	Main Motor 2 HP / 3 phase 380 Volts, 50 Hz.
Height of Conveyor	860 mm to 910 mm
Container Adaptability.	(A) Container: Guide For container (B) Cap: Delivery chute, bowl. of 42 mm for both Bottles



Sealing

Automatic Single / Double Head Tube Filler and Sealer Machine

Salient Features:

- ▶ Tube filling & sealing machine is provided with 1 filling heads and a set of tube feeding system.
- ▶ Applicable to: plastic composite tubes, plastic composite tubes .
- ▶ Compact Design.
- ▶ Driving Parts Fully-closed.
- ▶ Blowing and sucking type tube cleaning device.
- ▶ Pneumatic Tube Feeding.
- ▶ Intelligent Temperature Control and Cooling System.
- ▶ Easy to Operate and Adjust.
- ▶ 316L Stainless Steel Contact Parts to meet GMP Standard.
- ▶ Safety Interlock Shutdown when Door is Open.
- ▶ Overload Protection Provided.
- ▶ Automated Working process from Tube Loading to Finished Products Output.
- ▶ Automatic Orientation Effected by Photoelectric Induction.
- ▶ Material Level Control System.
- ▶ Cooling Chiller.
- ▶ Date Coding Embossing.
- ▶ Automatic tube feeding machine can meet the machine's high speed requirements.

Technical Specification :

Filling Speed	60-80 tubes/min
Filling Range	5gm- 200gm – with help of change parts
Filling Accuracy	less than 1%
Tube Diameter	10-50MM
Tube Height	210mm(maximum length)
Hopper Capacity	40L
Power Supply	380V
Matching Motor	1.1kw
Heat sealing Power	3.0kw



Sealing

Multihead Weighers, VFFS Bagging Machines, Form Fill Seal Machine

Salient Features:

- ▶ Measuring Method: Load Cell Based combination weighing.
- ▶ Weighing Accuracy: ± 1 Gram. (Depending on the grain size of various Variety of Products).
- ▶ Digital Sensors enhance the speed, accuracy & anti jamming capability.
- ▶ Perfect combination of high speed & high accuracy.
- ▶ The opening and closing speed of Weigher happens can be adjust to be avoiding material Falling into pieces or being blocked.
- ▶ Timing Hooper.
- ▶ Stainless steel with IP65 water proof, Dust proof and erosion proof design keeps the Accessories hygienic. Step Motor drive with speed control.
- ▶ The function of data statistics an make records such as pack no pass rate average error of each pack etc.
- ▶ Each linear feeder amplitude can be auto / manual adjustable will ensure the products Easy flowing with high accuracy.
- ▶ Liquid crystal and touch screen with optional language makes it easy to operate.
- ▶ VFFS machine with 10 , 14 and 18 head Multi Head Weigher





Semi Automatic Tube Filling Sealing Machine

MODEL

SBTFS-50

Technical Specification :

Model No.	SBTFS - 50
Output Speed	30-40 tubes/min-depend on fill size
Volume	5gm- 200gm – with help of change parts
Tube Size Length	50mm to 200mm
Power Consumption	2.5 Kw. Max.



Special Features:

- ▶ All operation is fully automatic except feeding of tubes.
- ▶ Sturdy & compact design.
- ▶ No Tube No Fill device (material will not discharge from hopper, when there is no tube no fill to avoid spillage).
- ▶ Machine is provided with SS hopper with thermostatic control to keep the material hot, while filling for a smooth flow of material while filling in the tubes.
- ▶ Machine is provided with stirring device so that no active ingredients in the material cannot stick to the inner wall of hopper, which contains your material.
- ▶ Machine is supplied with all contact parts made of SS 316 material.
- ▶ Motor with variable speed.
- ▶ Size parts of one tube size and one filling products.





Automatic Vertical Form, Fill, Seal Pouch Packing Machine

(Cup Filler)

Special Features:

- ▶ Material of Construction is From MS And All Contact Parts Are From SS 304 With Front Acrylic Guards.
- ▶ PLC controls with HMI
- ▶ AC Inverter drive for main motor speed control
- ▶ Adjustable draw down belts
- ▶ Detachable perspex and stainless steel guards.
- ▶ Easy for fault finding.
- ▶ Power reel unwind
- ▶ Can be adapted to seal unsupported films using impulse sealing system.
- ▶ Inbuilt self diagnostic features
- ▶ Hourly production data.

Technical Specification :

Product To Be Packed	Granules
Individual Pack Quantity	10gm To 1kg (with Change Parts)
Packaging Film	Heat Sealable Laminate.
Power Supply	400vac, 50hz, 3-Phase + N + E, 4hp.
Air Requirement	275 Liter Per Min At 6kg/Cm2



Sealing

Servo Auger Type VFFS Powder Pouch Packing Machine

Technical Specification :

Product To Be Packed	Powder
Individual Pack Quantity	10gm To 1kg (with Change Parts)
Packing Film	Heat Sealable Laminate
Pouch Type	Centre Seal
Bagger Speed	Up To 30-80 Pouches Per Minute. Depend On Fill Size.



A) TECHNICAL SPECIFICATIONS OF VFFS BAGGER

- ▶ Intermediate motion machine.
- ▶ Operational control of VFFS Bagger thru PLC controller.
- ▶ Color Touch Screen based HMI - 7 Inches .
- ▶ VFD BASED motorized paper Pulling, PNEUMATIC BASED Sealing.
- ▶ Temperature adjustment through PID CONTROLLERS.
- ▶ Motorized Film Unwinding Mechanism.
- ▶ Special mechanical brake for unwinding control.
- ▶ Built in Print Mark registration Device.
- ▶ **MOTORISED TROLLY/WEAVING ADJUSTMENT.**
- ▶ Advance easy setting take up roller behind collar assembly.
- ▶ Pneumatically expendable film roll shaft.
- ▶ **MAX. ROLL WIDTH 500mm.**
- ▶ **AIR REQUIREMENT 300 LIT/MIN. AT THE PRESSURE OF 6KG/CM2.**
- ▶ **OPTIONAL ATTACHMENT: BATCH CODING DEVICE,**
- ▶ **NITROGEN GAS FLUSH, AND INFEED SCREW CONVEYOR.**
- ▶ The machine requires 5HP, 415V, 50 Hz , 3 Phase, 4 Wire electrical supply and the same is to be made available through 2.5 sq. mm. 4 core armoured copper cable through 25 A TPN switch fuse.



Filling

Rotary Monoblock Dry Syrup Powder Filling Cum Capping Machine

MODEL SBPFC-120R

Salient Features:

- ▶ No Bottle – No Fill System.
- ▶ Unique Continues Motion Powder Wheel Movement for Smoother operation.
- ▶ Rotary Bottle Movement System with Rotary Funnel System.
- ▶ Funnel with Unique Vibratory system for filling semi free flow powder at higher speed.
- ▶ All contact parts with easy removal system for Cleaning / Auto Claving / Sterilization.
- ▶ Machine construction in SS304 material
- ▶ Filling Accuracy of +1 to 2% depending on powder at controlled humidity below 30% RH.
- ▶ Automatic Infeed and Exit of Bottles through Star Wheel System.
- ▶ No Bottle at infeed conveyor - Automatic Machine on/off system.
- ▶ Low Air - Machine Stop System.
- ▶ Low Vacuum – Machine Stop System.
- ▶ Low Cap Level – Machine Stop System.
- ▶ Toughened Glass Safety Cabinet.

Technical Specification :

Bottle Diameter	Up to 85mm*, Square or Rectangular bottles can be used
Bottle Height	100mm* Maximum
Cap	Screw cap
Fill Range	17gms to 33gms In Single Dose with the help of change parts for different fill volume
Fill Accuracy	+1 to 2% Depending upon the Powder, under the controlled level of Humidity
Humidity	H Below 30% Rh required on machine to be arrange by customer
Electrical	415 VAC 3Phase and 220 VAC Single Phase Power Supply (50 Hz) with A.C. Drive
Power	2.0 H.P. For Machine and 3.0 H.P. For Vacuum Pump
Compressed Air	Filtered, Oil Free 2kg/cm2 provided by customer only
Vacuum	28" Hg. @ 300 LPM, provided by Customers only, 500LPM recommended
Conveyor Height	815-940 mm



Automatic Ampoule Filling & Sealing Machine

Technical Specification :

Model No.	SBAFS – 55	SBAFS – 100	SBAFS – 150	SBAFS – 200
No. of Head	2	4	6	8
Output / Minute	Up to 40	Up to 60	Up to 80	Up to 100
Powder Reqd.	1 KW	1 KW	2 KW	2 KW
Fill Size	1ml-10ml - with help of change parts	1ml-10ml - with help of change parts	1ml-10ml - with help of change parts	1ml-10ml - with help of change parts



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Ropp Cap Sealing Machine

MODEL

SBCS – 60R / 100R / 150R / 200R

Technical Specification :

Model No.	SBCS-60R	SBCS-100R	SBCS-150R	SBCS-200R
Output	30-40 bottles per minute (depend of bottle and Cap sizes)	40-60 bottles per minute (depend of bottle and Cap sizes)	60-80 bottles per minute (depend of bottle and Cap sizes)	80-120 bottles per minute (depend of bottle and Cap sizes)
Direction of Movement	Left to Right	Left to Right	Left to Right	Left to Right
No. of Sealing Head	1 Nos.	4 Nos.	6 Nos.	8 Nos.
Electrical Specification**	1.0 HP/415 Volts/50 Hz	1.0 HP/415 Volts/50 Hz	2.0 HP/415 Volts/50 Hz	2.0 HP/415 Volts/50 Hz
Height of Conveyor**	750 mm to 840 mm	750 mm to 840 mm	750 mm to 840 mm	750 mm to 840 mm

Salient Features:

- ▶ Machine designed with cGMP standard.
- ▶ Machine structure is made from S.S.304 Quality with matt finish.
- ▶ Single motor synchronizes conveyor, star wheel, & platform turret.
- ▶ No container No cap system.
- ▶ Sealing pressure can be adjusted for different size of caps and gauges.
- ▶ Low noise level, low power consumptions.
- ▶ Adjustable height of conveyor belt, to align with other machine of the line.
- ▶ Synchronized A/C drives to synchronize, Conveyor, Star wheel and Platform turret & capping bowl.
- ▶ Adjustable bottle height gauge for easy and quick setting.



Filling

Automatic Auger Type Powder Filling Machine

MODEL SBAF -60/80/100/120

Salient Features:

- ▶ Total Compact GMP model.
- ▶ "NO BOTTLE, NO FILL" System eliminates wastage of costly powder.
- ▶ Conveyor driving is through High quality imported Gear motor
- ▶ Machine speed can be adjusted by A.C. Frequency drive, which is time saving.
- ▶ Machine is provided with delrin conveyor belt to avoid sticking of Bottle on conveyor.
- ▶ Imported Gear Motor for Conveyor drive.
- ▶ A.C. Frequency drives for Conveyor drive.

Technical Specification :

Model	SBAF-60	SBAF-80	SBAF-100	SBAF-120
Direction	Left To Right.	Left To Right.	Left To Right.	Left To Right.
Output	15-20 BPM - Depend on fill size	20-50 BPM - Depend on fill size	50-80 BPM - Depend on fill size	80-120 BPM - Depend on fill size
Fill Capacity	10gm-1 Kg with help of change parts	10gm-1 Kg with help of change parts	10gm-1 Kg with help of change parts	10gm-1 Kg with help of change parts
Powder Accuracy	± 1%	± 1%	± 1%	± 1%
No. of Heads	Single	Double	Three	Four
Electrical Supply	1.00 HP For Main Drive. 0.25 HP for conveyor	2.00 HP For Main Drive. 0.25 HP for conveyor	3.00 HP For Main Drive. 0.25 HP for conveyor	3.00 HP For Main Drive. 0.25 HP for conveyor
Power Requirement	230 Volts, 50 Hz.	230 Volts, 50 Hz.	230 Volts, 50 Hz.	230 Volts, 50 Hz.
Height of Conveyor	Adjustable from 800 To 850 MM	Adjustable from 800 To 850 MM	Adjustable from 800 To 850 MM	Adjustable from 800 To 850 MM





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Semi Automatic Single Head Auger Type Powder Filling Machine

MODEL SBAF-40 (Suitable for Pouch / Bottle)



Technical Specification :

Model No.	SBAF-40
Direction	Left To Right.
Production Rate	Up to 10-20 BPM depend of fill volume, neck size of bottle and operator skill and Powder Bulk Density)
Fill Capacity	10gm and 1kg (with Different Set of Auger and Funnel)
Accuracy	$\pm 1\%$ depending upon consistency and the Uniformity of bulk density of powder under controlled level of Humidity (i.e.35%)
No. of Heads	Single



Filling

Automatic Single Head Dry Syrup (Micro Doze Type) Powder Filling Machine

MODEL SBPF-D-60

Salient Features:

- Design confirms GMP Norms.
- All contact parts of SS 316.
- Powder wheel piston adjustable depending to filling.
- Body makes to M.S. angle structure all covering to SS 304.
- Single bottles setting separate adjusting for cantering to powder filling station. Salient Features of the Equipments.
- No Container - No Filling" system eliminates wastage of costly powder.
- Over Load Relay for any over load accident. Imported Gear Box with motor.
- A.C. Frequency Drive
- PLC based Control.
- Acrylic Cabinet with imported Aluminium Structure provided on extra cost.



Technical Specification :

Model No.	SBDPF - 60
No of Track	One
No of Powder Wheel	One
Production Rate	up to 60 Fills / Min. for SINGLE Dose
Fill Capacity	5 gms. to 30 gms. With the help of Two Different Powder Wheel Depending on Neck diameter and Powder characteristics
Accuracy	± 2% Depending upon the consistency, uniformity & bulk density of powder under the controlled level of humidity
Electrical Rating	0.75 HP (1400 RPM) Motor
Power Requirements	415 Volts, 3 phase (4 Wire System) 50 Hz.





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Automatic Volumetric Cups Type Granule Filling Machine

MODEL SBCF - 6 / 12

Salient Features:

- ▶ Capable of filling multiple pack sizes & large product range with no change of parts.
- ▶ Accurate & friction less telescopic adjustment of cup to adjust fill volume of the cup.
- ▶ "Unipressure" product collector & product specific scrappers to achieve High accuracy.
- ▶ Cup drop counter with auto/manual dual setting to achieve predetermined number of cups dropping product into single pack.
- ▶ All contact parts made of SS304 with six/three telescopic cups.
- ▶ Automatic bottle/ tin /container filling line with turn table to feed containers automatically to auto conveyor with auto stopping & "Intelligent Filling" which activate filler only when container is present and only per container.

Technical Specification :

Direction	Left To Right.
Production Rate	Up to 40-60 Bottle per Minute (depend on filling volume)
Fill Capacity	25gm to 1000gm. (with different set of Cups and funnel)
Accuracy	± 1% depending upon consistency and the Uniformity of bulk density of product under controlled level of Humidity (i.e.35%)
No. of Cups	6 / 1 2
Electrical Supply	1.00 HP For Main Drive. 0.25 HP for conveyor
Power Requirement	430V, 3-Phase, 50 Hz, 0.5 HP
Height of Conveyor	Adjustable from 850 To 900 MM



**Semi Automatic
Granule Cup Filler**
(Suitable for Pouch / Bottle)

Filling

Automatic Liquid Vial Filling with Rubber Stoppering Machine

MODEL SBLFRS - 60 / 120 / 150 / 200

Technical Specification :				
Model No.	SBLFRS – 60	SBLFRS – 120	SBLFRS – 150	SBLFRS – 200
Direction	Left to Right	Left to Right	Left to Right	Left to Right
Out/put	20-40 Vial Per Minute Depend on fill volume	60-120 Vial Per Minute Depend on fill volume	100- 150 Vial Per Minute Depend on fill volume	150- 200 Vial Per Minute Depend on fill volume
Filling Volume	2ml- 100ml – with help of change parts	2ml- 100ml – with help of change parts	2ml- 100ml – with help of change parts	2ml- 100ml – with help of change parts
No. of Syringes	2	4	6	8
Accuracy	± 1%	± 1%	± 1%	± 1%
Power Supply	2 HP	2 HP	3 HP	3 HP
Electric Supply	220/ 415V, 3 Phase, 50-60Hz (4 Wire System)	220/ 415V, 3 Phase, 50-60Hz (4 Wire System)	220/ 415V, 3 Phase, 50-60Hz (4 Wire System)	220/ 415V, 3 Phase, 50-60Hz (4 Wire System)
Vial Dia.	16mm to 90mm	16mm to 90mm	16mm to 90mm	16mm to 90mm

Salient Features:

- ▶ M.S. Moulded structure duly powder coated to avoid any vibration with adjustable screws to adjust conveyor height as per in feed tunnel.
- ▶ All parts and assemblies coming in contact with liquid and rubber stopper are made of S.S.316
- ▶ All assemblies under top plate are positioned as for easy cleaning or maintenance.
- ▶ All driving is through High quality imported Gear motor for better machine performance without vibration or leakage of oil of area floor from gear box.
- ▶ Machine speed can be adjusted through A.C. Frequency drive, which is time saving and the machine speed, can be easily synchronized with Unscrambler, scrambler and conveyor.
- ▶ Machine is provided with delrin conveyor belt to avoid sticking of vial on conveyor.
- ▶ Special clutch devices are provided on star wheel for safety purpose.
- ▶ Vibratory bowl for rubber Stoppering unit support to run machine with total claimed speed of machine.
- ▶ Pre and Post gassing nozzles for Nitrogen or Carbon Dioxide flushing.
- ▶ "No Vial, No Filling" System.
- ▶ "No Stopper in Chute, Machine Stop System".
- ▶ Acrylic Cabinet with Imported Aluminium Structure for Machine.





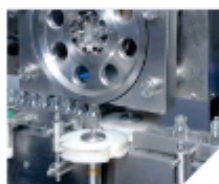
**SHREE
BHAGWATI**
MACHTECH (INDIA) PVT. LTD.

Automatic Injectable Dry Powder Filling with Rubber Stoppering Machine

MODEL SBPF-60/120/240

Technical Specification :

MODEL NO.	SBPF-60	SBPF-120	SBPF-240
Direction	Left To Right.	Left To Right.	Left To Right.
Production Rate	Up to 60 Fills per min.	Up to 120 Fills per min.	Up to 240 Fills per min.
Fill Capacity	50mg to 1.5gm Single Dose (with Change Parts) 1.5 gms to 6 gms. Double, Triple and Four Doses. Fill range depending upon vial opening and bulk density of powder	50mg to 1.5gm Single Dose (with Change Parts) 1.5 gms to 6 gms. Double, Triple and Four Doses. Fill range depending upon vial opening and bulk density of powder.	50mg to 1.5gm Single Dose (with Change Parts) 1.5 gms to 6 gms. Double, Triple and Four Doses. Fill range depending upon vial opening and bulk density of powder.
Accuracy	± 1% depending upon consistency and uniformity of bulk density of powder	± 1% depending upon consistency and uniformity of bulk density of powder	± 1% depending upon consistency and uniformity of bulk density of powder
Electrical Supply	1.00 HP For Main Drive. 0.50 HP For Unscrambler. 0.50 HP For Scrambler.	2.00 HP For Main Drive. 0.50 HP For Unscrambler. 0.50 HP For Scrambler.	2.5 HP For Main Drive. 0.50 HP For Unscrambler. 0.50 HP For Scrambler.
Power Requirement	440 Volts, 3 Phase (4 wire System) 50 Hz.	440 Volts, 3 Phase (4 wire System) 50 Hz.	440 Volts, 3 Phase (4 wire System) 50 Hz.
Height of Conveyor	Adjustable from 800 To 850 MM	Adjustable from 800 To 850 MM	Adjustable from 800 To 850 MM



Salient Features:

- ▶ Acrylic Cabinet with Imported Aluminium Structure for Machine, Unscrambled and Scrambler.
- ▶ M.S. moulded structure duly powder coated to avoid any vibration with adjustable screws to adjust conveyor height as per in feed tunnel.
- ▶ All parts and assemblies coming in contact with powder and rubber stopper are made of S.S.316 and easily removable for mandatory Autoclaving / Sterilization.
- ▶ "NO VIAL, NO FILL" System eliminates wastage of costly powder.
- ▶ Multiple dosing of Inject able powder or changeover of container size and different fill size is possible by just changing the vial separator or size of the piston respectively.
- ▶ Machine speed can be adjusted through A.C. Frequency drive, which is time saving and easy to synchronize Unscrambled and scrambler speed with machine speed.
- ▶ Machine is provided with delrin conveyor belt to avoid sticking of vial on conveyor.
- ▶ Special clutch devices are provided on vial separator for safety purpose.
- ▶ Vibratory bowl for rubber Stoppering unit support to run machine with total claimed speed of machine.
- ▶ Air filter will be of S.S.316 housing with Nylon cartridge for proper removal of particle of 0.22 micron having 10" length.
- ▶ Vacuum filter will be of PVC transparent material with nylon cartage having length of 10".
- ▶ "No Vial, No Filling System".
- ▶ "No Stopper in Chute, Machine Stop System" Vacuum pump.

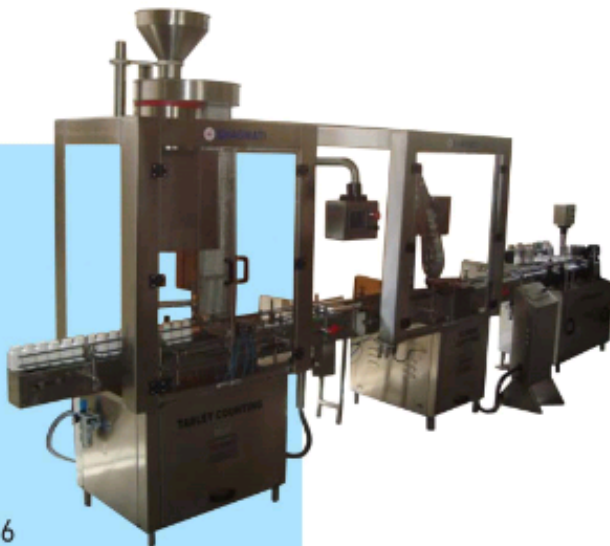
Filling

Tablet Counting Line

Bottle Cleaning, Filling, Capping, Induction, Labelling Machines.

Salient Features:

- ▶ Counting device consists of cutting the channel, counting electric eye detection systems,
- ▶ Material door control system components. Each channel can be individually few grains of action,
- ▶ Can be used to count the number of fewer than 12 special column settings.
- ▶ Stock bin is a tapered body store used for drug grain warehouse .
- ▶ The operator can easily see how much drugs grain in Stock bin from all directions at all times
- ▶ To determine whether feeding.
- ▶ Blanking hopper including the discharge hopper, total discharge door and nozzle system three parts.
- ▶ The entire device is fixed by the positioning block at the bottom of the upper part of the body.
- ▶ Join institution in the rear section of the conveyor belt, mainly by three electric eyes of blocking bottles
- ▶ and two cylinder of bottle stopper components through the cylinder block control both sides, the bottle are put in turn.
- ▶ Three grade Vibration plate supply system consists of drug delivery path, vibrators and track positioning cylinder components.
- ▶ Three grade vibration plate supply system to take a modular design, installation and removal is very convenient and simple.
- ▶ There is a disk for culling at both sides of conveyor belt, each group of culling disk is controlled by separate solenoid valve.
- ▶ No container no cap arrangement.
- ▶ Single motor synchronizes conveyor, star wheel & platform turret.
- ▶ Adjustable height of conveyor belt.
- ▶ All contact parts are made out of stainless steel.
- ▶ AC frequency drive for variable speed
- ▶ Accurate label placement.
- ▶ Unrivalled build quality and reliability.
- ▶ Full Pharmaceutical security Package including counter
- ▶ Secondary pressure unit.
- ▶ No change parts for change of container & label size.
- ▶ In built A.C. frequency drive
- ▶ Label data inputs not required due to auto label length detection system.





Automatic Pre Filled Syringe Filling and Stoppering Machine

MODEL SBPFS – SA – 05 / 10 GMP Model

Salient Features:

- ▶ Prefilled Syringe filling & stoppering machine is a compact, elegant and Matt-finished encompassed with stainless Steel (SS-304).
- ▶ Perfect synchronization of PLC based cycle, filling stroke valve less Syringes to fill volume for 0.2 ml to 5ml. (With help of change parts.).
- ▶ Filling accuracy will be 0.02 ml in case of 0.2 ml & for others it will depend upon fill material & fill volume.
- ▶ Compact and feather-touch MMI control panel for easy control of the machine Operation.
- ▶ The machine is equipped with easily adjustable leveling legs so foundation is not required.
- ▶ Nitrogen filter is provided pre-filter 0.5u. And final filter is 0.2u. Air ex. Is 0.2u?
- ▶ Vacuum pump is to be provide by Bhagwati Engg.



Technical Specification :

Model No.	SBPFS-SA-05	SBPFS-SA-10
Out put	2500 to 3000 Syringe / Hours.	3000 to 6000 Syringe / Hours.
Filling Height	775 – 825mm adjustable.	775 – 825mm Adjustable.
Electrical rating:	2 HP, 3 Phases, 440V. 50Hz.	2 HP, 3 Phases, 440V. 50Hz.



Filling

Monoblock Nail Polish Bottle Filling, Plugging Cum Capping Machine

Features:

- ▶ Automatic bottle feeding, volumetric or vacuumetric filling, Plug pressing & cap tightening by pneumatic system and ready bottles collection on the same turn table.
- ▶ MOC: - Body, Structure Control Panel S.S304. Individual variable speed system for turn table and main machine.
- ▶ Volumetric & Vacuumetric filling system provided.
- ▶ Ball & cap placing on bottle manually.
- ▶ Bottle filling, plug pressing & cap tightening automatic.
- ▶ Up to 30 Bottle per minute – depend on fill volume





Eye / Ear Drop Filling Plugging Capping Machine Cum Screw Capping Machine

Salient Features:

- ▶ The unit is made compact & versatile
- ▶ S.S. Slat conveyor.
- ▶ S.S. Elegantly Matt Finished Body
- ▶ No Container No filling system.
- ▶ No Container No capping system.
- ▶ Reciprocating Filling nozzle with self centring device

Technical Specification :

Out/Put	30-40 Bottle per minute – depend on fill volume
Filling Range	2ml-50ml – with help of change part
Direction of Movement	Left to Right
Number of head/Filling	4 No.
Number of head/Capping	1No.
Electrical Specification	Main Machine 2.0 HP / 415 Volts / 50 Hz. Conveyor 1.0 HP / 415 Volts / 50 Hz.
Height of Conveyor	860 mm to 910 mm adjustable.

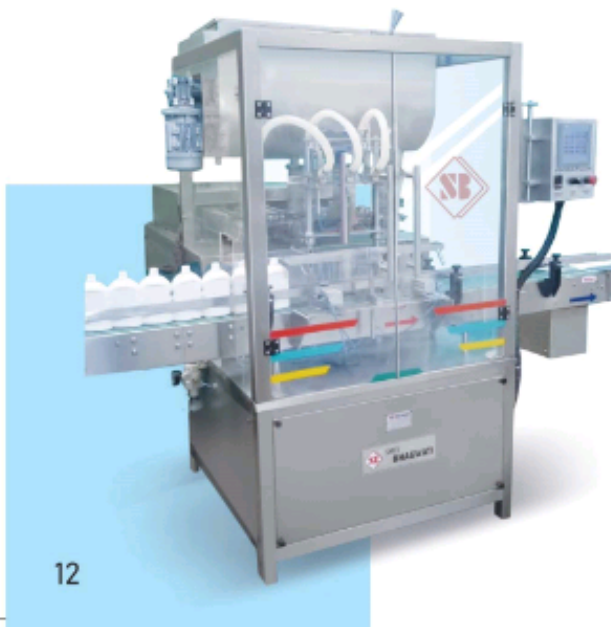


Filling

Automatic Servo + PLC Base Viscous Filling Machine

with Acrylic Cabinet- SS 316 2 / 4 / 6 / 8 / 10 / 12 / 16 Head

Viscous filler, Jar auto paste filler, food paste filler and capper machine, automatic cream filler, bottle adhesive filler, cosmetic cream filler, Jar gel filler, paste filling machine, honey Pet and glass jar filler, balm bottle filling machine, ginger garlic paste filler, syrup bottle filling machine, bottle hot sauce filling machine, hot paste filler, semi-automatic piston filler, motorized paste filler, food paste filling machine, filling machine for food pastes, filling machine for creams, Vaseline Jelly jar filling machine, lotion filling machine, gel filling machine with one nozzle to 16 nozzle filling line (1 head filling, 2 head filling machine, 4 head filling machine, 6 head filling machine, 8 head filling machine, 10 head filling machine, 12 head filling machine, 16 head filling machine with plain and Jackated hopper + mixer etc)



Technical Specification :

Application	Viscous materials filling – cold and hot products
Bottle Type	PET, PVC, PP, Glass bottles
Suitable cap type	Screw cap, Pressing Cap, Sport cap, Crow Cap, Alu. Cap, Mental Cap
Supply Capacity	1,000 to 8,000 bottles per hour – depend on fill size
Voltage	220/380V custom made
Automatic Grade	Automatic
Driven Type:	Electric
Material	High quality SS 304/316 stainless steel
After-sales Service Provided	Engineers available to service machinery overseas
Air Pressure	4-6 Kg
Fill Volume	10gm-1000gm- with help of change parts
Power	440 Volts / 3 Phases / 50 Hz

SERVO + PLC based automatic Viscous Filling machine online automatically with:

- ▶ Single Servo Base Piston operating
- ▶ Volume Adjustable from PLC – NO Tools required
- ▶ Multi Dose filling arrangement – on request
- ▶ Multi head dozers
- ▶ Diving nozzles.
- ▶ Shut off type nozzle for anti-drip.
- ▶ SS conveyor with 'stop-release line automation no-bottle-no- fill' controls,
- ▶ CIP mode for rinsing of product cylinders, valves and nozzles.
- ▶ Ideally suited to fill viscous products like Ghee & lotions.
- ▶ Adjustable guide rails on conveyor to accommodate different diameters of bottles/cans.
- ▶ SS hopper.
- ▶ Pneumatic cylinders for Bottle Stopper.
- ▶ Adjustable diving depth depending on size of bottles/cans.
- ▶ PLC + Touch Screen controlled panel for electrical controls.
- ▶ Production counter on PLC.
- ▶ PLC settings for varied volumes.
- ▶ Volume adjustment facility for different pack volumes.
- ▶ Height adjustment facility for different bottle sizes.
- ▶ Optical/Proximity sensors to sense arrival of bottles to filling station.
- ▶ Stoppers to accurately stop bottles/cans under the filling nozzle.
- ▶ Accuracy $\pm 0.25\%$ to 0.5%
- ▶ All contact parts SS316 and non contact parts SS304
- ▶ Completely in Stainless steel structure.
- ▶ Heads or nozzles, with product cylinders (syringe), valve assemblies, stroke assemblies.
- ▶ Unique with respect to interchangeability.
- ▶ Quick change over and minimum down time.
- ▶ Machine covered with enclosure for sanitized filling for multi-head machines (optional)



**SHREE
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MACHTECH (INDIA) PVT. LTD.

Automatic Monoblock Linear Four Head Piston Filling Cum

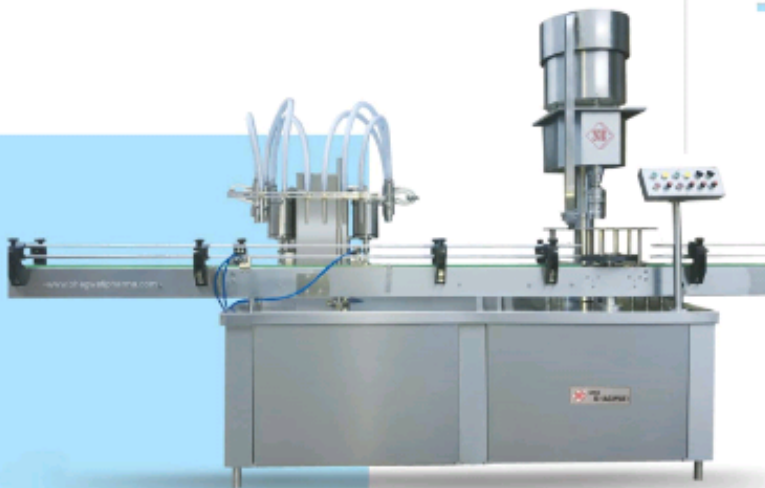
Single Head Screw Capping Machine

Salient Features:

- ▶ "GMP" Model based on advanced technology.
- ▶ Single Operator for Two Operations.
- ▶ Less Floor Area -as both the sections driven by one motor.
- ▶ No Contamination as immediate sealing of filled bottles.
- ▶ Accuracy $\pm 1\%$ due to piston dosing principle.
- ▶ Centralized Volume Adjustment System.
- ▶ No Bottle No Fill for Individual head, hence no spillages.
- ▶ Better finish imported polished, laminated S.S. sheet used.
- ▶ Safety Guard for Operation and Protection.

Technical Specification :

Model No.	SBLPM-4/1
Output/Hour	1500 to 2500 Bottles
Number of head/syringe	4
Number of head/sealing	1
Direction of Movement**	Left to Right
Fill Size**	30 ml to 1000 ml. with help of change parts
Electrical Specification**	
Main Machine	2 HP / 415 Volts / 50 Hz.
Oriental Bowl	0.25 HP / 415 Volts / 50 Hz.
Conveyor	0.5 HP / 415 Volts / 50 Hz.
Height of Conveyor **	910 mm to 960 Adjustable-





FLOWMATIC PLC Base Auto Volume Adjustable Filling Machine

with Acrylic Cabinet- SS 316 2 / 4 / 6 / 8 / 10 / 12 Head

Dispensing volume with this Automatic Inline Positive Displacement Pump Filler is accurately measured by reading the revolutions of the pump and motor assembly. Fill rates can be modulated by varying the motor speeds with ramp up and ramp down capability guaranteed to result in a clean end to your fill cycle,

Our fillers range from 2 - 24 head Positive Displacement fillers, as well as multi-lane machines with pumped capacity. These Positive Displacement fillers employ highly reliable positive displacement pumps to quickly and accurately fill any product. The pumps are controlled via the HMI screen which is available as either push button or touch screen, utilizing our highly effective "Recipe" system which can be programmed to store numerous sets of settings for the various products, and packaging sizes.

The filling nozzles are fitted with a pneumatically operated positive shut off valve to prevent any dripping from within the nozzles.

Salient Features:

- ▶ Accuracy – Easy to use and easy to adjust the volume dispensed with a simple control setting.
- ▶ Control of both pump speed and position during the fill cycle guarantees accurate filling.
- ▶ Changeover is quick with ability to store multiple programs in the PLC controller.
- ▶ All machine adjustments are designed for fast changes
- ▶ Customization – Construction materials, contact parts, pump style, number of fill heads, and other options allow simple customization to your filling needs.
- ▶ True positive displacement filling provides increased filling accuracy with products prone to viscosity change.
- ▶ Variable fill rate control (ramp up/down) prevents foam and produces a clean accurate end to the fill cycle.
- ▶ PLC Controlled.
- ▶ All components contacts parts stainless steel with cabinet.
- ▶ Diving nozzle.
- ▶ Positive shut off valve x 2, 4, 6 to 24 nozzle etc.



Technical Specification :

Output	20-100 bottles per minute depend on filling volume
Direction of Movement	Left to Right
No. of Filling Head	2 / 4/ 6/ 8 / 10/ 12
Fill Size	*250ml to 5 Liters / 5ltrs to 20 Liters
Electrical Specification	2 HP / 415 / 3ph / 50 Hz.
Height of Conveyor	860 to 910 mm



**SHREE
BHAGWATI**
MACHTECH (INDIA) PVT. LTD.

Liquid Filling Machine



Special Features :

- Compact and Versatile design
- SS Elegant Matt Finished Body
- SS Slat Conveyor
- Reciprocating Filling Nozzle with self centering device
- Variably Frequency Drive for speed control



Cream Filling Machine



GMP Model

Viscous Filling Machine



Filling Range 50 ml to 25 ltr

Liquid Handled

Syrup, Juice, Milk,
Water, Ghee, Shampoo, Floor Cleaner,
Disinfectant, Agro Chemical.

Container Type

Round, Square, Oval Flat
or Custom design Containers

Also Available machines for

PERSONAL CARE

Lotion, Cream, Sanitizer etc

FOOD

Honey, Pickle, Sauce, Jam etc

HOME CARE

Floor Cleaner, Disinfectant etc

AUTOMOBILE

Lube Oil, Grease, brake oil etc

PHARMACEUTICAL

Pain Balm, Ointment, Cream etc

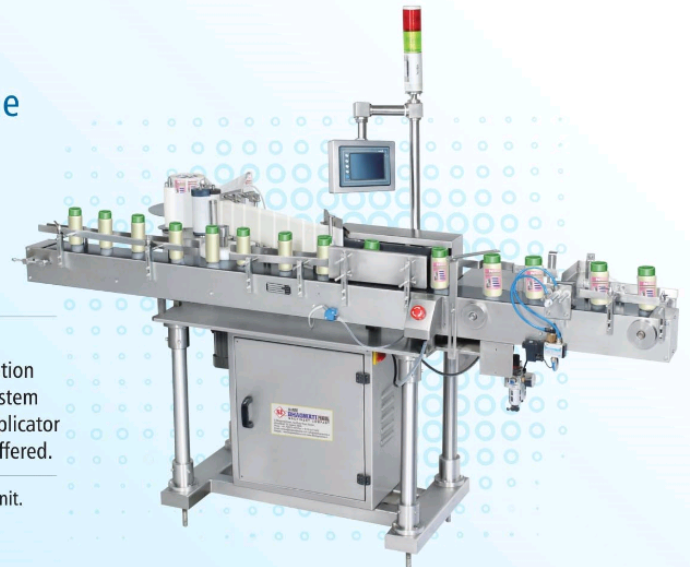


Self Adhesive Sticker Labeling Machine

Self Adhesive Sticker Type Labeling for all application

- Round Container - Wrap Around Labels
- Flat Container – Double Side and Single Side
- Vials and Ampoules Labeling
- Tins and Pails Labeling
- Top and Bottom Labeling
- Hologram Application
- Bar Code and QR Code Automation
- Vision System and Rejection System
- Special custom design label applicator as per product and label also offered.

All Machines are Servo Motor with PLC and touch screen HMI Based monitor and control unit.



Automatic Single, Four, Six & Eight Head Screw Cap Sealing M/c.

GMP Model



Technical Specification : Screw Capper

Model	SBSCM - 100	SBSCM - 150	SBSCM - 200
Output / Hour*	3600 to 6000	3600 to 9000	4000 to 12000
No. of sealing head	4 Nos.	6 Nos.	8 Nos.

Input Specifications : Screw Capper

Screw Cap Specification	Diameter #	22 mm to 56 mm\$
	Height #	15 to 18.3 mm
Container Size #	Round Shape	Ø 22 mm to Ø 100 mm \$ Respectively Height 40 mm to 240 mm\$ (Height option for ` other bottle height available)
	Flat / Square	15mm to 100 mm (Length) \$ Respectively 10mm to 50 mm (Width) \$ Respectively Height 40 mm to 240 mm\$ (Height option for ` other bottle height available)

* Depends on size, shape and Neck dia of container

Can be supplied as per customer requirements

\$ With help of change parts.

Optional Features :

- No cap No container arrangement.
- Motorized Height Adjustments.
- Acrylic cabinet.
- Safety Guard for Operation and Protection.
- Specially designed hopper is to increase storage capacity of bowl.

Salient Features for Screw Capper Machine :

- No container no cap arrangement.
- Single motor synchronizes conveyor, star wheel, & platform turret.
- Adjustable height of conveyor belt.
- All contact parts are made out of stainless steel.
- Pick & Place arrangement.
- Torque adjustable.
- Low noise level, low power consumptions



Automatic Rotary Bottle Washing Machine

MODEL

SBRW-100



SALIENT FEATURES

- Geneva mechanism.
- Four inner, one outer and one air wash.
- Sequence of washes to customer's choice.
- Output: 64 to 100 Bottles per minute.
- Easy operation.
- Stationary nozzles eliminate contamination of water cycles.
- Easy loading and unloading with two rows.
- Individual solenoid valve for each washing sequence, which 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 specially for light weight bottle.

BOTTLE SPECIFICATIONS

Diameter of container	25 mm to 100 mm
Outside diameter of neck	20 mm to 38 mm
Height of container	Up to 280 mm

Note: With the help of the change parts.

Automatic Rotary Bottle Washing Machine

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SBRW-100



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BOTTLE SPECIFICATIONS

Diameter of container	25 mm to 100 mm
Outside diameter of neck	20 mm to 38 mm
Height of container	Up to 280 mm

Note: With the help of the change parts.

High Speed Tunnel Type Vials/Bottles Washing

MODEL SBRW-100 & 200



SALIENT FEATURES

- High Pressure Spray Nozzles ensures perfect wash of vials / bottles.
- Design conforms to GMP Standards.
- Totally fabricated from S.S. materials, including the basic frame.
- No changing of parts required for washing of vials (5 ml. to 30 ml. & 30 ml. to 250 ml bottles) thus saving time of change over.
- All Parts coming in contact with washing zones / jets are made of S.S. 316 material.
- All moving/rotating parts being of S.S. materials, hardened by heat-treatment, wear & tear is practically nil.
- Machine equipped with safety devices to ensure smooth and silent operation with high rated out put.
- High Pressure spray nozzles enter into the vials during washing time.

TECHNICAL DETAILS

Output	150 and 250 bottles per minute (Lower capacity models also available)
No. of Washing Zone	6 Zones for Inside Wash 3 Zones for Outside Wash
Pumps	3/4" Centrifugal Pumps : 2 Nos
Capacity of 2 Nos.	One Tank : 200 ltrs
S.S. Storage Tanks	One Tank : 100 ltrs
Electrical rating	1.0 HP Motor for Main Drive - 1 No. 0.5 HP Motor for Conveyor Drive - 1 No. 0.5 HP Motor for Vial Lifting device - 1 No. 1.0 HP Motor for Centrifugal Pumps - 2 Nos.
Power Characteristics	440 Volts, 3 Phase (4 Wire System, 50 Cycles / Sec.)

Note: Dimensions & Technical Details are subject to change as per customers' requirement without any further notice

Multi-Jet Ampoules/Vials Washing Machine

MODEL SBRW-80

Compact, Versatile and reliable Ampoules/Vials Washing Machine incorporating the latest GMP demands. Machine is totally enclosed S.S. construction with a flexibility to wash 1 ml to 20 ml ampoules and 2 ml to 100 ml vials with the help of suitable change parts.

The standard unit is having mechanical motorized cam operated valve system for observing total five washes in one cycle.

The unit built on S.S. square pipe frame and all contact parts with D.M. water, distilled water and air will be S.S. 304, poly-carbonate, silicone, brass and PVC.

TECHNICAL DETAILS

Multi jet needle Plate	Max. Ampoule Size (ml) upto	Max. vial size (ml) upto	Max. output/hour
432	001	NIL	12960
340	005	002	10200
240	010	003	7200
188	Any Size	010	5640
100	Any Size	030	3000
056	Any Size	100	168

Note: Dimensions & Technical Details are subject to change as per customers' requirement without any further notice.



Automatic Linear Vial Washing Machine

MODEL
SBVW-150



Shri Bhagwati very critically reviewed vial washing operations in the parenteral section and found methods either very primitive or concepts with probabilities or too perfect and highly expensive. Considering above facts, a very imaginative vial washing machine Model SBVW-150 is devised to ensure simple & modular operation, where each individual vial is positively washed with maximum of seven washes.

OPERATION

- The Vial trays are directly un-loaded to the vial tray from which it is pushed on to the turn-table.
- The turn-table slowly and steadily feed vials to the two tracks feed worm, where vials are automatically inverted.
- The synchronized star-wheel places two vials, one by one to the two tracks indexing chain.
- The indexing chain positively carries inverted pair of vials through seven sequential washes
- At the end of washing operations vials are reinvented back into original position and collected in the tray.

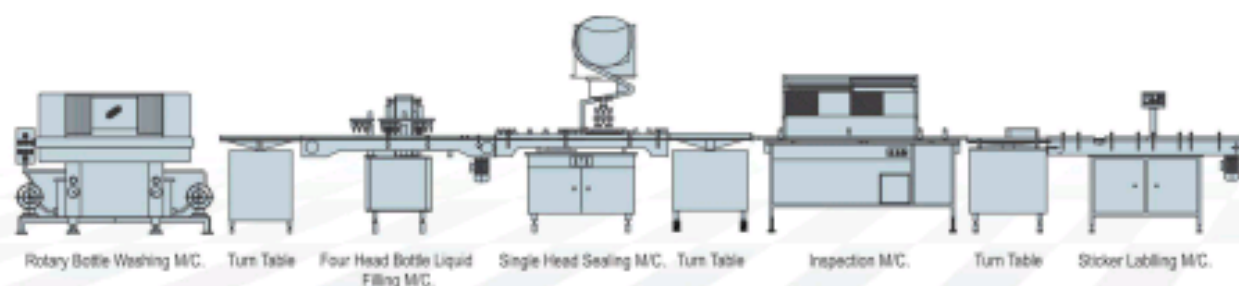
SALIENT FEATURES

- Very compact, rigid, & modular construction.
- All contact parts with D.M. water and distilled water of S.S. 316 construction and argon arc welded.
- The unit built on S.S. square pipe frame and totally encompassed with S.S. coverings in pleasing matte finish to avoid corrosion and ease of cleaning even from inside.
- The washing section is totally covered with acrylic cabinet and collecting trays ensure total removal of water in the drain or recirculation tank
- Absolutely simple machine, with only six change parts, which can be changed within few minutes.
- All exposed parts are of S.S. 304 or hard chrome plated brass for corrosion free long life.

Boottle Filling Line



Process Line



Mfgs. & Exporter of :
Pharma, Food, Cosmetics,
Beverages Machineries.



**SHREE
BHAGWATI**
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