


# SAHANI ENGINEERS PVT. LTD.



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We " **SAHANI ENGINEERS Pvt. Ltd.**" earlier known as "**NPM PHARMA INDUSTRIES PVT. LTD.**" engaged as the foremost manufacturer of Fluid Bed Dryers, Ointment Manufacturing Plant, Liquid/Syrup Manufacturing Plant etc.

Established in the year 2010 at Vasai, Maharashtra Our products are high in demand due to their premium quality, seamless finish, different patterns and affordable prices. further more,. we ensure to timely deliver these products to our clients, through this We have gained a huge clients base in the market.

The Ointment Manufacturing Plant consists of a set of equipment designed for ointments ranging from 5 kg to 5,000 kg. They are excellent devices for the pharmaceutical and cosmetic industries.

**Applications:** Pharmaceuticals – Sterile & Non-Sterile Ointment, Cream, Gel, Lotion, Medicated toothpaste  
Cosmetic – Lotions, Cream, Shaving Creams, Sun Cream gels, Hair Dyes creams Shampoos, Conditioners, Tooth Paste, Bath Additives, Foot care Products and Many more.

### **Salient Features:**

- All Contact Parts SS 316 / 316L as per cGMP Standard.
- Main Mfg. Vessel (Jacketed) with Top Entry Anchor.
- Anchor Design - Contra / Semi-contra.
- Inbuilt Bottom Entry Homogenizer with Mechanical Seal Cooling Arrangement.
- Conical Design & Proven Geometric Ratios Ensure Optimum Product Flow.
- Double Side Hydraulic Cylinder for Lid Lifting
- Wax / Oil Phase Vessel (Jacketed) with Top Entry Cawl Cutter / Anchor.
- Water Phase Vessel (Jacketed) with Top Entry Propeller Stirrer.
- Storage Tank with Movable Wheel.
- Vacuum Pump Watering Type.
- Lobe Pump with Gear Motor.
- Metering Pump.
- SS 304 Platform with Staircase & Railing.
- SS 304 Control / Power Panel.
- ACVFD for all Vessels Motors.
- PLC with Touch Screen Color HMI.
- Heating Mode: Steam / Electric / Thermic-Fluid
- Capacity: 5 Kg To 5000 Kgs.

### **Optional Features:**

- Pneumatic Operated Automatic Valves.
- Load-Cell for Vessles
- CIP & SIP System.
- Fully Automatic with SCADA & 21 CFR Part 11 Compliance



**OINTMENT CREAM MFG PLANT**

## Product Descriptions:

**TUBE FILLING MACHINE** is reliable, flexible and user friendly to give of 70 To 80 Tubes per minute.

To make machine easy to use and quick change over, special care has been taken.

The machine design provides good access for maintenance and give operator visibility at all the major machine functions.

Machine is equipped with high accuracy filling system, provides clean and accurate filling at optimum speed providing high quality and product. The machine is extremely compact.

## Salient Features:

- All Contact Parts SS 316 / 316L as per cGMP
- Fully Automatic.
- Automatic Tube Loading System.
- Auto Tube Orientation.
- No Tube No Fill System.
- Folding & Coating at individual Station.
- Simple Mechanism & Operator Friendly Machine.
- Combo Model Suitable For Both Aluminium and Lami/Plastic Tubes.
- Output 35 to 40 Tubes Min- for Single Head M/c.
- Output 70 to 80 Tubes Min - for Double Head M/c.
- PLC with Touch Screen Colour HMI

## Technical Specification:

- Filling Range 3 gm to 250 gm with change over.
- Tube Dia. 12.5mm to 50mm with HM Help & Change Part

## Power Consumption:

- Air consumption 15 CFM @ 6 Kg/cm<sup>2</sup>.
- Chilled water consumption LPM @100C.



**TUBE FILLING MACHINE**

We provide customized, end to end solutions for Liquid Syrup Manufacturing Plant that are fully automated with PLC controls or semi-automated as required. Our plants are designed with the highest quality of fabrication standards using the best components and instruments. Liquid oral manufacturing plant are also fully optimized for delivering the best performance with reduced life-cycle cost.

**Applications:** Orals, Liquids, Suspensions, Cough Syrups, Drop Solutions, Expectorants, Antacid Suspensions.

**Salient Features:**

- All Contact Parts SS 316 / 316L as per cGMP Standard.
- All Vessels with Bottom Entry Propeller Mixer for Vigorous Mixing.
- The advantages of Bottom Entry, there is no vibration of shaft, no coupling in the drive.
- Stirrer provided with Mechanical Seal with Cooling Arrangement.
- Pre-Mixing Vessel (Jacketed) with Vacuum.
- Sugar Melting Vessel (Jacketed) with Vacuum.
- Manufacturing Vessel (Jacketed) with Vacuum.
- Storage Vessel Non-Jacketed.
- Transfer Pump for Transfer Material from Pre-Mixing Vessel to Manufacturing Vessel.
- Basket Filter for Transfer Material from Sugar Melting Vessel to Manufacturing Vessel.
- Zero Hold up Filter Press for Transfer Material from Manufacturing Vessel to Storage Vessel.
- Inline Homogenizer for Recirculation and Suspensions.
- SS 316 Pipeline with Electro Polished.
- SS 304 Platform with Staircase & Railing.
- SS 304 Control / Power Panel.
- ACVFD for all Vessels Motors.
- PLC with Touch Screen Color HMI.
- Heating Mode: Steam / Electric / Thermic-Fluid.
- Capacity available: 500 Ltrs. to 10000 Ltrs.

**Optional Features:**

- Pneumatic Operated Automatic Valves.
- Load-Cell for Vessels.
- CIP & SIP Systems.
- Cyclone Type Powder Transfer Systems with Vacuum Pump.
- Fully Automatic with SCADA & 21 CFR Part 11 Compliance.



## LIQUID SYRUP MFG PLANT

## Product Descriptions:

Our Liquid Filling Machine functions on volumetric principle with plunging nozzles. This unit is appropriate for filling different fluids into the bottles or containers. The Unit comprised of SS body, slat conveyor and reversing nozzles alongside auto-cantering instruments. In addition, the empty containers move on SS conveyor and stop via settable dual pneumatically or mechanically run stopper framework. This system is installed underneath the filling nozzles and in interim, the bottle or container is precisely filled by nozzles.

The holder can be effectively and definitely co-ordinate underneath the nozzles by the help of dual pneumatically run framework and responding nozzles that prevent spillage. The fluid portion in our Liquid Filling Machine can be effectively set by block alongside a hexagonal bolt equipped underneath syringes.

## Remarkable Highlights:

- All Contact Parts SS 316 / 316L as per cGMP Standard.
- $\pm 1\%$  filling exactness on a single portion.
- Exquisite and simple control panel for complete control over activities.
- Self - greasing profile for 5.5 brace chain gives low abrasion wear surface, smooth and silent conveying.
- Trickle plate under the conveyor system.
- Mechanical or pneumatic container halting arrangement.
- Security monitor for pneumatic cylinders, motor and conveyor gearbox.
- Nitrogen flushing framework is offered as demanded by the client.



## Discretionary Features:

- Programmed chain washing framework for transport line.
- Inbuilt pre-review and acrylic cabinet.
- Nitrogen flushing and float tank without or with blender.

## LIQUID FILLING MACHINE

Model	NPM-100	NPM-150	NPM-200
Output/Hour*	2400 to 6000	3600 to 9000	5000 to 12000
Direction of Movement	Left to Right		
Number of Head/Syringe	4 Nos.	6 Nos.	8 Nos.
Fill Size***	5 ml to 1000 ml		
Electrical Main Machine	1HP/ 415 Volts/50Hz	1HP/ 415	1.5 HP/ 415
Specs. H conveyor	0.5 HP /415 Volts/50Hz		
Height of Conveyor	860 mm to 910 mm Adjustable.		
Change Parts Required	(A) Syringes (B) Nozzle (C) Inlet & Outlet Hose Pipe.		

Different powders of varying bulk density can be homogeneously mixed, processed and dried in NPM Fluid Bed Processor. The turbulence required to mix the ingredients thoroughly is created by the unique design of the perforated plate located at the bottom of product container. The binder is sprayed in exact pre measured quantity at regular interval during Fluidization.

### The Final Product Features

- Perfect drying and granulation.
- Increased flowability.
- No segregation.
- Improved compressibility.
- Improved disintegration and dissolution properties.

### Salient Features:

- All Contact Parts SS 316 / 316L as per cGMP Standard.
- 2 Bar Construction.
- Single pot operation i.e. Mixing, Granulating & Drying.
- Three Stage Filtration i.e. 20m/5m/0.3m with DP.
- Improved disintegration and dissolution properties.
- Telescopic Cylinder for Bag Shaking.
- Multi-pocket filter bag for perfect air suction with proper porosity and permeability.
- Automatic Damper with Butterfly valve.
- Exhaust Blower with ACVFD.
- Explosion relief flap provided.
- Inflatable tube provided for Finger Bag & Product container sealing.
- Solid flow monitor & Air velocity sensor.
- Solution tank with peristaltic pump.
- Single / Multi point binder spray gun.
- Positive earthing device.
- Minimum change-over time.
- Mirror and Matte finish.
- Total machine operated by PLC/HMI.
- Intelligent process control and safety interlock

### Optional Features:

- Chilling Coil
- RH Sensor, CFM Sensor
- Bottom Spraying
- Fully Automatic with SCADA & 21 CFR Part 11 Compliance.

### Technical Specifications:



## FLUID BED PROCESSOR

Model	FBP-30	FBP-60	FBP-120	FBP-200	FBP-300	FBP-500	FBP-600
Product Container Volume(Liters)	110	200	425	625	925	1550	1800
Approx. Batch Capacity (Kg.) (Bulk Density 0.6gm/cc )	20-30	50-60	100-120	150-200	250-300	400-500	500-600
Blower Motor (HP)	7.5	12.5	20	25	40	60	75
Approx. Steam Consumption kgs. Hr.(Steam pressure 3.5kg/cm <sup>2</sup> )	25-40	30-50	60-100	130-170	200-250	250-300	300-350

The Fluid Bed Dryer Manufacturer finds their application in Pharmaceuticals, Bulk Drugs, Dyes & Chemicals, Phyto-Chemicals, Catalysts, Food Products & Starch derivatives, Pesticides etc. A Fluid Bed Dryer is intended for fast and stable drying of particles, crystals and medium-sized stones.

**Applications:** Pharmaceuticals, Chemicals, API, Bulk Drugs, Food Products, Pesticide, Ayurvedic, Nutraceuticals

**Salient Features:**

- All Contact Parts SS 316 / 316L as per cGMP Standard.
- Uniform Drying at low Temperature.
- Elimination of Static Discharge.
- Inflatable Tube for Finger Bag and Product Container Sealing.
- Automatic Bag Shaking Telescopic Cylinder
- Quick Dismantling of Dutch Sieve & Perforated Screen in
- Product Container with Online Sampling Port
- SS 304 AHU with 3 Stage Filtration (Pre/Fine/Hepa).
- Explosion Relief Vent with Stand upto 2 bar pressure.
- Automatic Damper with Butterfly valve.
- Exhaust Blower with ACVFD.
- SS 304 Control Panel.
- Pneumatic Panel.
- PLC with touch screen color HMI.
- Heating Mode - Steam / Electric / Thermic Fluid.
- Capacity : 5 Kg to 600 Kgs.

**Optional Features:**

- Chilling Coil
- RH Sensor, CFM Sensor
- Top Spraying Arrangement.
- Fully Automatic with SCADA & 21 CFR Part 11 Compliance.



**FLUID BED DRYER**

**Technical Specifications:**

Model	FBD-35	FBD-110	FBD-200	FBD-425	FBD-625	FBD-925	FBD-1550	FBD-1800
Bowl Volume(Liters)	35	110	200	425	625	925	1550	1800
Batch Size (Kgs)	5-10	20-30	50-60	100-	150-	250-300	400-	500-
Heating Load:(Kw) electrical	6	18	36	54	*	*	*	*
Approx. steam Consumption kgs.	15	25	50	100	170	250	300	330
Drying Temp. °C	50-80	50-80	50-80	50-80	50-80	50-80	50-80	50-80
Height H1 (Approx) in mm	1600	1900	2200	2550	2800	3100	3500	3800
Height H2 (Approx) in mm	2000	2250	3050	3500	4000	4200	4500	4700
Length (Approx) in mm	800	1250	1500	1700	2000	2200	2400	2700

In the pharmaceutical industry, Rapid Mixer Granulator shows a vital role to mix the ingredients and make granules before compression. This machine is also known in Industries with various essential terms as High shear mixer granulation device, Hard Powder granulator, Wet Granulator, Pharma Stationer.

**Salient Features:**

- All Contact Parts SS 316 / 316L as per cGMP Standard.
- Unique design incorporating Impeller, Granulator, Online Co-mill, Side discharge valve & dryer.
- Ensures the round and even granules of high density..
- Dry and wet granulation in one step.
- Detachable impeller & chopper ensure 100% cleaning.
- Minimum possible gap between bottom surface and impeller ensures no deposition at bottom surface.
- Specially mounted torque sensor arrangement for critical parameters of granulation like end point determination & desired granule profile.
- Process control and interlock through by PLC with touch screen color HMI.
- Automated discharge interlocked & interfaced with PLC.
- Capacity : 5 Ltr. to 1200 Ltrs.



**RAPID MIXER GRANULATOR**

**Optional Features:**

- FLP Construction.
- Binder Addition System.
- Fully Automatic with SCADA & 21 CFR Part 11 Compliance.

**Technical Specifications:**

Model	RMG-25	RMG-50	RMG-100	RMG-150	RMG-300	RMG-400	RMG-600	RMG-750	RMG-900	RMG-1200
Gross Cap (Ltrs.)	25	50	100	150	300	400	600	750	900	1200
Working Cap. (Ltrs)	17	35	80	120	240	320	480	600	720	900
Main Motor (H.P.)	3/5	5/7.5	7.5/10	10/15	20/30	30/40	40/50	40/50	40/50	50/60
Chopper Motor (H.P.)	1/1.5	1/1.5	2/3	3/5	3/5	5/7.5	5/7.5	5/7.5	5/7.5	7.5/10



**Salient Features:**

- All contact parts SS 316/ SS 316L as per cGMP Standard.
- Zero retention design.
- Bump less rotation assured because of specially designed transmission chain sprocket.
- To enhance the mixing, baffles are provided on central shaft.
- Internal finish confirming 220grits to 320 grits, outside matte finish 180 grits.
- Discharge output via Butterfly valve. (Pneumatic discharge can be provided).
- Safety guards provided with limit switch interlaced to motor which ensures safe operation.
- VFD for Change the RPM of blender.
- PLC With Touch Screen Colour HMI.
- Charging drum arrangement with mechanical/ hydraulic trolley.
- Safe earthing system.
- Model available: 5 Ltrs to 10000 Ltrs.

**OCTAGONAL BLENDER**

Model	OCB-10	OCB-30	OCB-50	OCB-100	OCB-200	OCB-300	OCB-500	OCB-600	OCB-750	OCB-1000	OCB-1250	OCB-1500
Gross Volume in Ltrs	10	30	50	100	200	300	500	600	750	1000	1250	1500
Working Volume in	7.5	22.5	37.5	75	150	225	375	450	565	750	940	1125
Motor (H.P.)	0.5	0.5	1.0	2.0	2.0	2.5	3.0	3.0	5.0	5.0	7.5	7.5
Gear Box	1"	1"	2"	2"	3"	3"	3"	3"	4"	4"	5"	5"





## VIBRO-SIFTER

### Salient Features:

- All contact part SS 316 / SS 316L as per cGMP standard.
- Available model 12",24",30",36",42",48",60" & 72".
- Silicon moulded lead free screen of different mesh size as per requirement is provided.
- Vibratory motor.
- Starter is provided.

### Salient Features:

- All contact part SS 316 / SS 316L as per cGMP standard.
- Available model 1HP, 3HP & 5HP.
- SS 316 screen is provided.
- On-off push button provided.
- ACVFD for variable speed.



## MULTI-MILL

The Starch Paste Kettle we fabricate and develop is a specially designed unit for application in pharmaceutical processing units. It is used for preparation of binder materials which are highly used in medicine and food industries. We are considered as the best Paste Making Kettle Manufacturer and Starch Paste Mixing kettle Exporter from Thane, Maharashtra.

### Salient Features:

- All contact part SS 316 / SS 316L as per cGMP standard.
- Hemispherical design for proper mixing paste.
- Jacketed with insulation.
- Heating mode: Electric Steam/ Thermic fluid.
- Driven via. motor and gear box assembly mounted on top.
- Tilting arrangement for kettle is provided for discharge.
- Anchor type impeller design for proper mixing of paste.
- Safe earthing system.
- ACVFD for variable speed.
- Available Model - 25 Ltrs to 500 Ltrs



## STARCH PASTE KETTLE

**Salient Features:**

- All Contact Parts SS 316 / 316L as per cGMP Standard.
- Double Cone shaped with cylindrical shell at centre & conical shape at both ends.
- Well balanced to avoid any excessive load on gearbox or motor.
- Baffle is provided for better mixing.
- Manhole with gasket is provided to fix the baffles and for ease of cleaning the shell.
- Charging and discharging is through a butterfly valve.
- A conical adaptor can be provided for fixing charging drum after butterfly valve.
- Inching arrangement can be provided.
- All Moving parts are enclosed in guards.
- A safety railing with a limit switch is provided for operator safety.
- ACVFD for variable speed
- Available Models from 5 to 6000 Liters.



**Technical Specifications:**

Model	DCB-50	DCB-100	DCB-250	DCB-500	DCB-1000	DCB-1500	DCB-2000	DCB-5000	DCB-6000
Gross Volume in Ltrs	50	100	250	500	1000	1500	2000	5000	6000
Working Volume in Ltrs	25	50	125	250	500	750	1000	2500	3000
Motor (H.P.)	1	1	2	3	5	7.5	15	20	20
Speed rpm	4-6	4-6	4-6	4-6	4-6	4-6	4-6	4-6	4-6
Discharge Valve inches	4"	6"	6"	6"	6"	10"	12"	12"	12"
Overall width in mm	1140	1500	1750	2050	2500	3250	3750	4000	4400
Overall Depth in mm	450	550	750	950	1000	1000	1250	2100	2400
Overall Height in mm	800	1000	1275	1575	2500	2800	3000	3500	3700

**DOUBLE CONE BLENDER**

**Salient Features:**

- All Contact Parts SS 316 / 316L as per cGMP Standard.
- Suitable for dry mixing of products in powder form.
- Easy for loading and unloading. Easy for cleaning.
- Simple design requires minimum maintenance.
- General structure & safety guards made out of mild steel & colure in Standard
- Model and made out of SS304 & polished to the matt finish in GMP Model.
- The "V" shape gives sufficient continuous movement to the granules.
- Maximum care has been taken to ensure safe operation of the unit.
- Manual rotating facility with hand wheel for inching.
- ACVFD for variable speed



**'V' Cone Blender**

**Technical Specifications:**

Model	VB-50	VB-100	VB-200	VB-300	VB-500	VB-1000
Gross Volume in Ltrs	50	100	200	300	500	1000
Approx capacity in Kgs	25	45	90	135	225	445
Motor HP	1.5	2	3	3	7.5	10
Overall Height in mm	1400	1600	2475	2480	2785	3828
Overall Width in mm	780	780	1025	1080	1150	1275
Overall Depth in mm	1150	1450	1550	1575	1925	2050

The Tray Dryer offered by us is used for diverse drying applications like food, electrodes , bakery, plastic and powders and drying of pigments. The Tray Dryer is used in industries like Pharmacy where drying and heating are the essential parts of the manufacturing process. Thermostatic inner chamber of the dryer is fabricated using mild steel and stainless steel, which help us maintain our position as the apex Pharmaceutical Tray Dryer Manufacturer & Exporter in Thane, India.



**TRAY DRYER**

**Salient Features:**

- All contact parts of SS 316 / 316L as cGMP standard.
- Available in wide range models from 6 to 192 raise capacity.
- Design for uniform circulation of hot air in the drying chamber.
- Heating cold and fan motor having electrical inter locking for safety of heating elements.
- Electric/Steam/Thermic Fluid heating system.
- Fresh air inlet and outlet air flow can be adjusted with damper control valve.

Model	External LxDxH (mm) (aprox)	Temp. Range (degree)	Heating Load	Fan Motor (HP)
12	1600x700x1400	100,200,300	6,9,12	
24	2000x1100x2150	100,200,300	6,9,12	
48	2300x1150x2150	100,200,300	9,15,18	
96	3500x1150x2150	100,200,300	18,21,27	

Mass Mixer is designed to perform smooth operations for through mixing equipped with safety transparent dust cover & specially designed self adjusting sealing arrangement, which ensures the restriction of black particles enter the mixing drum. Mass Mixer is ideal for dry & wet uniform mixing of materials. Mass Mixer is available in sizes ranging from 5 Kgs to 300 Kgs as per GMP &cGMP models.



**MASS MIXER**

**Salient Features:**

- All Contact Parts SS 316 / 316L as per cGMP Standard.
- The laboratory Mixer operates with plough shape type mixing elements and is designed for dry mixing of powders, granules and fibers particle containing products.
- Differences in volume ranging to 1:1,00,000 can be mixed homogeneously within a few minutes.
- The drum, unilaterally supported on one sided & it tiltable.
- The mixing drum made of stainless steel has a removable cover through which the material can be fed and discharged.
- ACVFD for variable speed

**Technical Specifications:**

Model	MM-50	MM-100	MM-150	MM-200
Gross Capacity	110 Ltrs.	220 Ltrs.	330 Ltrs.	440 Ltrs.
Working Capacity	88 Ltrs	156 Ltrs.	234 Ltrs.	309 Ltrs.
Motor	3HP	5HP	7.5HP	7.5HP
RPM	35	30	30	30

Coating Pan is made after a careful study of needs of expert coaters such as Rotation Speed, Angle of Pan, volume and temperature. It is elliptical in shape, mounted at 30° angle. We also make available Coating Pan in other geometrical shape and mounting angles, as per the requirement. RPM of the pan is variable. Hot air blower thermostat of the pan delivers required quantity of air at selected temperature between 40°C to 80°C

### Salient Features:

- All Contact Parts SS 316 / 316L as per cGMP Standard.
- Conventional coating system for manual film coating and sugar coating.
- Machine is designed with fabricated structure fitted with SS enclosure which makes simple, cleanable outside covering and mounted on anti-vibration pad.
- Closed powerful pan drive with reduction gearbox and motor.
- Movable hot air blowing system with electric heater.
- Easy to replace polishing pan and other size coating pan.
- Spray Coating systems with peristaltic pump
- ACVFD for variable speed
- PLC with touch screen Colour HMI
- Available Pan Size : 12" to 72" Dia.



**COATING PAN**

This equipment is design to create a uniform coating of tablet with an organic solvent, aqueous or enteric coating. It is mainly used in the pharmaceutical industries and the food industries. The equipment conforms to the good manufacturing standards and has a high level of efficiency in operation.

### Salient Features:

- Product protective handling to prevent chipping of tablets.
- Complete separation of production and technical area.
- Extremely user friendly software and operation through PLC.
- Excellent mixing and tumbling by special design of baffles.
- Treatment of exhaust air for pollution free operation.
- Automated process.
- Conforms to cGMP.
- Flexible batch operations.
- Made up of entirely of S.S.316.
- Advanced CIP system.
- GMP with documentation.
- Available Pan Size : 12" to 72" Dia.

### Applications:

- It can be used to coat pallets, granules and tablets.



**AUTO COATER**

Ribbon Blenders consists an U- shaped horizontal trough and a specially fabricated ribbon agitator. A ribbon agitator consists of a set of inner and outer helical agitators. the Outer ribbon moves materials in one direction and the inner ribbon moves the materials in opposite direction. the ribbon rotate at approx. 300m moves material both radially and laterally to insure through blends in short cycle. Ribbon agitators are used for blends that will be between 40 and 100% of the rated capacity of the blender.



An alternative agitator is our paddle design. the paddles are positioned to move materials in opposing lateral directions and radially. The paddle design is normally applied where friable materials are being blended and when batched as small as 15% of the total capacity are going to be mixed in one blender.

- Available Model - 50 Kgs. to 1000 Kgs.

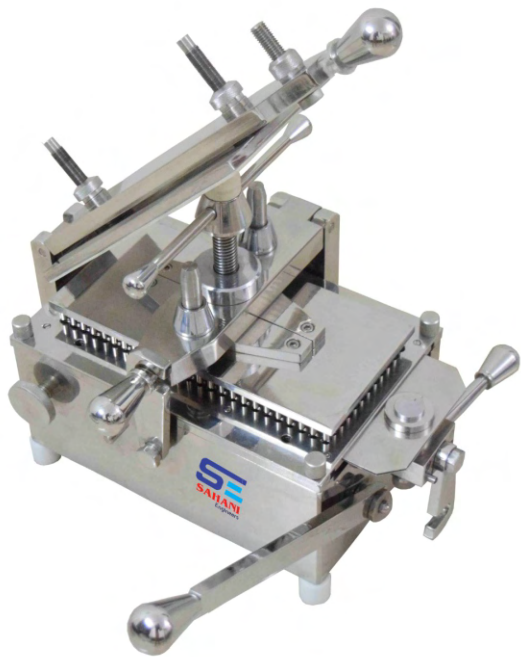
## RIBBON BLENDER

### Salient Features:

- All Contact Parts SS 316 / 316L as per cGMP Standard.
- Size available 8" ,14" ,18" ,24." & 33" plate diameter.
- Available with centrifugal / gear / lobe pump.
- Fitted with pressure gauge, safety valve & air vent.
- GMP with documentation.



## ZERO HOLD UP FILTER PRESS



**HAND FILLING CAPSULE MACHINE**



**CAPSULE LOADER MACHINE**

**Salient Features:**

- PLC based machine.
- A special design for easy changeover of different size capsules within 20 minutes.
- Filled weight accuracy withing  $\pm 3\%$ .
- Simple operation, operator training can be done in 15 minutes.
- Automatic declutching of loaded to minimize operator's attention and ensures optimum production.
- Simple structure and low malfunction, easy to maintain and easy to clean.
- Quick changeover of parts greatly reduces downtime of the machine during product change.
- Low noise & maintenance.

CAPSULE SIZE	00	0	1 & 2	3 to 5
Output per Hour CFS 30	21,600	28,800	32,400	36,000

**Specifications:**

**Main Drive**

1HP, 440 Volts, 3 Phase, 50 Hz, 75 rpm

**Filling Drive**

0.5HP. 440 Volts, 3Phase, 50 Hz, 750 rpm

**Vacuum Pump Motor**

3HP, 440 Volts, 3 Phase, 50Hz, 1440 rpm

**Vacuum**

720 mm of Hg at 1000 Ltrs/Min

**Compressed Air**

200 Ltrs./Min., (8cfm) at 100 PSI



**SEMI-AUTOMATIC CAPSULE FILLING MACHINE**

## Product Descriptions:

Stand Homogenizer is designed to mix various type of chemical & food industries Liquid & Semi solids. This product is made according to the GMP & cGMP.

## Salient Features:

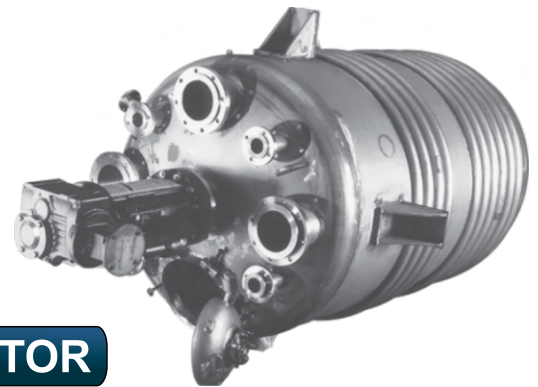
- Homogenizes very fast.
- Minimum height & Maximum height can be made according to the user requirement.
- Available in various capacity such as 1HP, 2HP, 3HP & 5HP etc.
- Worm & worm wheel is used to reduce efforts during up & down motion.
- It is portable & easy for maintenance.



**STAND HOMOGENIZER**

## Salient Features:

- Capacity from 5 Ltrs. to 10000 Ltrs.
- Design range from full vacuum up to 30 bar (g).
- Design temperature from -50°C up to +300°C.
- Designed for working under pressure and temperature cycles.
- Heating/Cooling by double jacket , Half coils or dimplate jacket.
- Agitators available with axial flow, radial or combined double flow.



**S.S. REACTOR**



**STORAGE VESSEL**



**INLINE HOMOGENIZER**

# Few of Our Reputed Clients



📍 : Office No. 221, Second Floor, Infinity Square, Chinchpada, Golani Naka, Waliv Road, Vasai East, Mumbai, Dist: Palghar Pincode : 401208 Maharashtra INDIA

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