



We are manufacturing
Pharmaceutical, Chemical, Food &
Cosmetics, Chemical Process Equipments &
All Type of fabrication work of MS /S



INTRODUCTION:-PRS TECHNOLOGY is an India based plant & machinery manufacturing company caters its service to the different fields like Pharmaceuticals, chemicals, Bulk drugs, cosmetics



& food industries .Our firm is located at Ankleshwar industrial zone of Gujarat in India. Gujarat region has developed at phenomenal rates due to its geographical advantages & best infrastructure which required for business development .PRS Technology is pharmaceutical equipments manufacturing company with wide experience which start from small unit and manufacturing world class machinery like Ribbon blender ,Octagonal blender , Double cone blender. We have been known to the industries; we have successful nos of new products for the field of pharmaceuticals formulation i.e. Tablet, Capsule .Liquid ointment, Dry powder and much more.

OUR VISION:-

To be globally preferred business process transformation partner for our clients, creating value in their business through innovation outsourcing solutions.

OUR MISSION:-

To take our Customer more Competitive.

OUR VALUE:-

PRS Technology has evolved the following set of seven values that inspire and energize every employee of the company and its subsidiaries.

CUSTOMER FOCUS:-

Our customer is in the center of whatever we do. We listed to our customer –anticipate their need and consistently meet and exceed their expectations. We create value in partnership with them.

TOTAL QUALITY:-

We are passionate about quality .We believe in continues improvements through innovation, process improvement and team work.

PEOPLE EMPOWERMENT:-

We encourage employees to take risk and owner ship for all their actions, take pride in their achievement celebrate small success,

INTEGRITY:-

We act ethically, honestly and with transparency .Honesty is the cornerstone in all our dealing, be it with our employees, customer, suppliers, the communities we serve or the Government.

GLOBAL MINDSET:-

We think globally and the world is our stage to play in, in all our operating geographies, We respect culture diversity and provide equal opportunities for all of our employees to voice their opinions, to learn to contribute, and grow.

PRIDE IN EXECUTION:-

Our work is our passion. We deliver consistently superior business result by excelling in whatever we do for our clients,

SUSTAINED GROWTH:-

We are driven to grow our business rapidly and profitably to create value for all our stakeholders which comprise the



COMPANY DETAILS

COMPANY NAME
ADDRESS

PRS TECHNOLOGY
Plot No. 4107, G.I.D.C.,
Ankleshwar – 393 002
(+91) 9408293194, 9712004894,9586998197

Cell No.

E-mail
URL

sales@prs-technology.com
www.prs-technology.com

STATUS OF THE COMPANY

Partner ship

NAME OF PARTNER

Mr. Sunil Bind / Mr. Shreyans Mehta

YEAR OF ESTABLISHMENT

2014

NATURE OF BUSINESS

Manufacturing of plant machineries & equipments for Pharmaceuticals, Cosmetics, Food & Beverages, API & Bulk Drug industries.

NUMBER OF EMPLOYEE

8+

NAME OF BANKERS

KOTAK MAHINDRA BANK

Ankleshwar – 393 002

ACCOUNT DETAIL
PLOT AREA

CURRENT A/C NO.1211588943

TOTAL
COVERED
UNCOVERED

2000 SQ. MTRS.
Approx. 1500 sq. mtrs.
Approx. 500 sq. mtrs.

VAT NO.
SCT NO.
SVT NO.

24211003763
24711003763
AARFP0509QSD001

PRODUCT LINE

PHARMACEUTICALS

TABLET GRANULATION

- Starch Paste kettle
- Rapid Mixer Granulator
- Planetary Mixer
- Fluid Bed Dryer
- Hot Air Tray Dryer
- Multi Mill
- Vibro Sifter
- Octagonal Blender
- Coating solution preparation Vessel
- IPC Lifter
- FBD Bowl Tippler
- IPC Bins
- Automatic coating machine

LIQUID ORAL MANUFACTURING

Liquid Oral Manufacturing Plant
Mixing Vessel
Storage Vessel
Stirrer
Filter Press

OINTMENT MANUFACTURING

Ointment Manufacturing Plant
Wax/ Water Phase Preparation
Vessel
Ointment Mixer
Transfer Pump

CAPSULE

Vibro Sifter
Double Cone
Blender
V' Type
Blender

API & BULK DRUG

REACTOR

-
-
-
-

DRYERS

VACUUM TRAY DRYER
FLUID BED DRYER
HOT AIR TRAY DRYER

FILTERS

NUTSCHE FILTER
FILTER PRESS

BLENDERS

DOUBLE CONE BLENDER
RIBBON BLENDER
OCTAGONAL BLENDER

HEAT EXCHANGER

RECEIVER

DISTILLATION COLUMN

COSMETICS & FOOD

CREAM /LOTION /MOISTURIZER	SHAMPOO MANUFACTURING	HAIR OIL	FOOD & BEVERAGES
<ul style="list-style-type: none"> • CREAM LOTION MANUFACTURING PLANT • SEMI CONTYRA MIXER • CONTRA ROTARY MIXER • ANCHOR MIXER 			<ul style="list-style-type: none"> • MIXER • BLENDER • DRYERS • BOILING VESSEL

PRODUCT DESCRIPTION

Starch paste Kettle:- Starch Paste Kettle s used for preparation of Starch Paste. Hemispherical shape ensures that the Heating of the Starch Paste is Uniform & gets more surface area. The tilting type arrangement ensures ease in unloading the paste into any container or vessel. The Starch Is put in the kettle and water is added till desired thickness is achieved. The Kettle is jacketed & is heated till the starch melts a thick paste is achieved. This paste can be agitated either manually or with the help of A Anchor type agitator which will constantly stir. The Paste with no lumps formation and proper mixing is achieved. Temperature can be set to desired temp by adjusting the temperature on digital temperature controller.0

Starch Paste Kettle Salient Features :-

- cGMP construction with AISI 316Q contact parts.
- Hemispherical bowl with either steam, electrical or oil heating options.
- Tilting provided for ease in unloading of final products.
- Higher capacity models available without tilting but with bottom outlet.
- Capacities available from 25 Ltrs. To 1500 Ltrs.

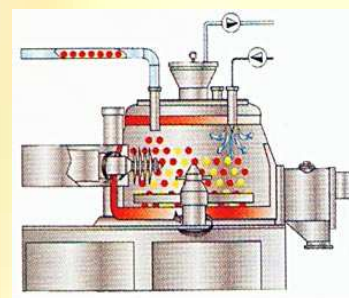
RAPID MIXER GRANULATOR Is designed to work on two decisive factors essential for the powder mixing;

- Spinning close to the bottom of mixing bowl
- The impeller sets the entire mixture in a whirling, rising, tumbling motion ensuring a quick and even distribution of all dry components, which leads to an even wetting of every granules. The large lumps occurred during wet mixing are broken up, by the strategically located high speed chopper.
- Blending and wet mixing is accomplished by high mechanical agitation by impeller and chopper. Mixing, densification and agglomeration of wetted materials are achieved through shearing and compaction forces exerted by the impeller. The primary function of chopper is to cut lumps into smaller fragments and aid the bowl or spread onto the powder to achieve a more homogenous liquid distribution.
- High Shear Granulation is fast, efficient and reproducible method of wet granulation.
- Easy to process cohesive materials that are impossible to process in a low shear mixers / fluid bed granulators.
- Designed achieved excellent mixing and consistent granules at lower operating cost with higher productivity.
- Better mixing and close controls of granules size leads to faster tableting speed with improved quality and least rejection.

Rapid Mixer Granulator Salient Features

- Homogeneous Binder distribution
- Shorter batch time leads to faster tableting speed.
- Easy to clean for faster batch change over.
- cGMP compliance.
- All moving parts are totally enclosed to avoid accident to the equipment or personnel.
- Air purge sealing for main impeller and chopper shaft to avoid cross contamination of products.
- Available with PLC based fully automatic control panel, upon request.
- Flame proof construction with variable frequency drive can be provided upon request.
- Binder spraying arrangement can be provided on demand.
- Models available from 25 Ltrs. to 1000 Ltrs. capacity.

MODEL	GROSS VOLUME	WORKING VOLUME	CAPACITY IN KGS.(WET MASS)
PRS RMG 25	25 LTRS	20 LTRS	10 KGS.
PRS RMG 100	100 LTRS	80 LTRS.	40 KGS.
PRS RMG 150	150 LTRS	120 LTRS.	60 KGS.
PRS RMG 250	250 LTRS.	200 LTRS.	100 KGS.
PRS RMG 400	400 LTRS.	320 LTRS.	160 KGS.
PRS RMG 600	600 LTRS.	480 LTRS.	240 KGS.
PRS RMG 1000	1000 LTRS.	800 LTRS.	400 KGS.



Planetary Mixer :- By this machine intimate & homogenous mixing of products is employed by planetary motion of beaters and centrally located homogenizer

Equipment ideally suitable for thorough **mixing of ointments, creams, lotions, toothpastes, pharmaceutical creams, cosmetic creams, ceramics, color pigments, ink pastes, compounds, adhesives** etc. in sterile and non-sterile conditions.

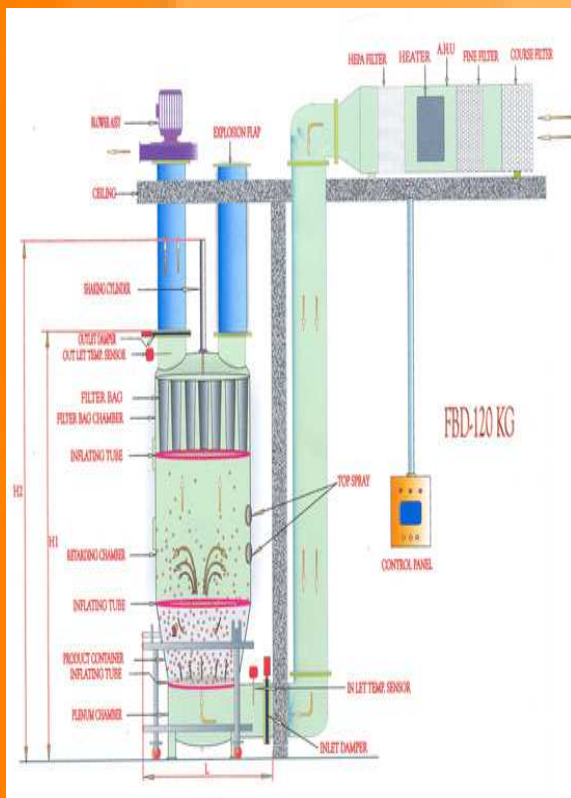
Product Container is provided with jacket to heat and cool for circulation of steam / cold water. Mixer is also designed to operate under vacuum to remove air entrapment in the product during mixing. Also the High speed disperser suitable for homogenizing the product with independent drive at the centre of the top dish.

Fluid Bed Dryer: - The fluid bed dryer is probably the most frequently used dynamic drying process plant. The ability of the drier to impact optimum heat transfer to powders yet without applying unacceptable shear to those powders, make the fluid bed dryer a favorite amongst process plant specifies and user .PRs offer a powder drier of the highest specification ,yet at a price which set us apart

Fluid bed Dryer Salient Features:

- cGMP construction with SS 316 product contact parts
- Uniformity in drying and reduction in drying time.
- Capacities available from 10 kgs. to 500 kgs. batch capacity
- Infinitely controlled manual dampers to control inlet and outlet air flow.
- Digital temperature indicator cum controller for inlet air & Digital temperature indicator for outlet air, to monitor the temperature of inlet and outlet air.
- Option for 3 stage filtration with option to install blower and heating system in services area.
- PLC based control system with various options can be provided, upon request.
- Options available to install blower & heating system in services area.
- Pneumatic system for container sealing and finger bag shaking.
- An explosion flap of adequate capacity and an earthing point to prevent static charge in the machine.

Model Kgs.	Gross volume (Ltrs.)	Working volume (Ltrs.)	Over all dimensions (Approx.) in mm			Blower Motor HP
PRS10	30	16	750	1200	1500	2.0
PRS30	100	50	1000	1550	2200	5.0
PRS60	200	100	1200	1700	2500	10.0
PRS120	400	200	1400	2000	2800	15.0
PRS150	500	250	1500	2100	2800	15.0
PRS200	770	335	1700	2250	3100	20.0
PRS250	850	425	1800	2500	3200	25.0
PRS300	1000	500	2000	2500	3250	30.0

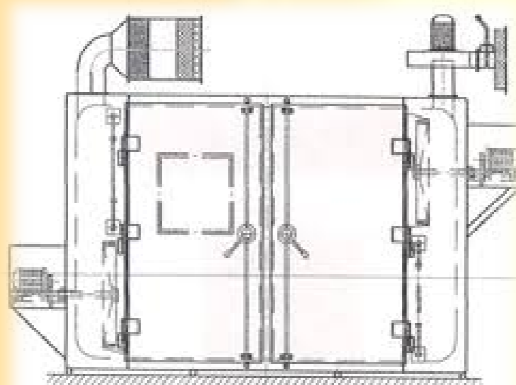


HOT AIR TRAY DRYER:- Tray dryers are useful in pharmaceutical, Chemical, Dyestuffs, Food and automobile Industries. A tray Dryer is an enclosed, insulated housing in which trays are placed on angled rack. Material to be dried is placed on the trays .Heating media is Hot air and Heat transfer is direct from Hot gases or electric heaters to wet raw material with help of specially design Air circulation fan arrangement to maintain the constant temperature in the dryer and ensure uniform circulation of hot air. This will enhance the drying of raw material & reduce the drying time drastically.

Hot Air Tray Dryer Salient Features:

- Model available from 6 trays to 192 trays.
- Available in Standard mild steel construction as well as cGMP SS construction.
- Available with electrical, steam or thermic fluid heating facility.
- SPLIT model with separate AHU with 3 stage filtration can be provided upon request.
- Offers uniform temperature inside the drying chamber with minimum temperature difference between hot and cold zone temperature.
- PLC based control panel with printing facility can be provided.
- Leak proof door sealing for efficient drying of products.

Model	No. of Door	No. of trolley	Over all dimensions (Approx.) in mm			Blower Motor HP
PRS-12	01	Fixed Rack	1500	1000	1200	0.25
PRS-24	01	Fixed rack	1500	1000	1500	0.5
PRS-48	01	01	1850	1025	1950	1.0
PRS-96	02	02	3400	1025	1950	1.0 x 2 nos.
PRS-144	02	04	3400	1850	1650	1.0 x 2 nos.
PRS-192	02	04	3400	1850	1950	2.0 HP x 2 nos.



Multi Mill: - Multi Mill relies on impact in air. Material is dropped axially from feed hopper in to the connecting chamber where it comes in contact with blades rotating at high speed. Differentially edged (Flat & Knife) Blades in desired direction of rotation achieve shear . Material entering the chamber is impacted the periphery & passes through the circular screen tangentially and radically achieving size reduction.

Multi Mill Application: - Multi Mill is widely used for wet and dry granulation, pulverization etc. in Pharmaceuticals, Chemicals, Cosmetics, Ceramics, Colors, Dyestuff, Food products etc. It also finds application in Pesticides, Fertilizers, Spices, Detergents, Insecticides, Plastic and Resins Industries.

Multi Mill Salient Features

- cGMP construction with easy dismantling of product contact parts for ease in cleaning
- Designed for continuous operation
- Cylindrical screen for higher output.
- Castors provided for mobility.
- Flame Proof or direct driven machine with VFd can be provided upon request
- Direction of beaters can be changed by reversible switch from knife to impact forward and vice-versa.
- SS 316 beaters and scrapper blades



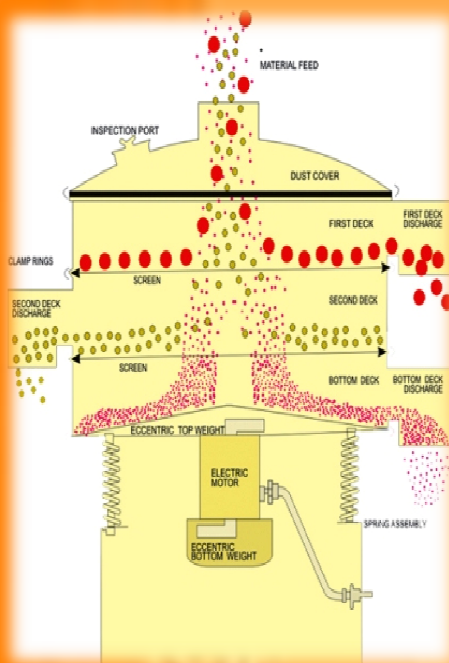
Vibro shifter:- Vibro Sifter is working on principle of gyratory vibrations caused due to special vibratory motor on the upper portion of the sifter decks which is fitted to the lower portion through springs. The vibration caused causes the material to agitate and is sieved through the sieve fitted between the decks & thus the material is sieved.

Vibro shifter Applications:- VIBRO SIFTER is widely used for sieving of dry granulation or powders in Pharmaceuticals, Chemicals, Cosmetics, Ceramics, Colors, Dyestuff, Food products etc. It also finds application in Pesticides, Fertilizers, Spices, Detergents, Insecticides, Plastic and Resins Industries.

Vibro shifter salient Features:-

- cGMP construction with easy dismantling of product contact parts for ease in cleaning
- Designed for continuous operation
- Noise less and maintenance free operation.
- Dust Free operation
- Cylindrical screen for higher output.
- Castors provided for mobility.
- Flame Proof construction can be provided upon request
- Lead free sieves of required mesh size can be provided

Model	Output kg/hr (Min/Max)
PRS12	5 -50
PRS20	30-175
PRS30	40 -300
PRS36	50-450
PRS48	200-750
PRS60	200-1450
PRS72	400-2500



Octagonal Blender:- The unit is used for blending the most delicate & fragile free flow products like powder or granules in 10 to 20 minutes. It is also the best way to mix very heavy & abrasive products the range of products includes colour, plastic, flour, drugs, pharmaceuticals, metal powders, minerals, fibers & many other.

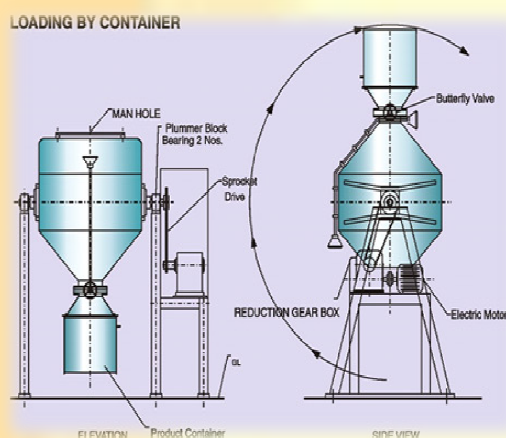
Working Principle

It is revolved over and over, moving the products in & out of the constricted octagonal areas. This causes multiple folding action that ensure a thorough blending of all the ingredients in the batch. The result is a homogeneous blend regardless of particle size distribution, particle shape or density with a great efficiency.

Octagonal Blender Salient Features:

- Less Energy Consumption.
- Short cycle Time.
- cGMP design
- Hygienic Design.
- Available from 100 Ltrs. to 4000 Ltrs. capacity.
- Rectangular lid with removable baffles.
- Machine is dynamically and statically balanced.
- In built vacuum design. No external powder transfer system is require.

MODEL	GROSS CAPACITY	WORKING CAPACITY	RPM	MOTOR HP	OVER ALL DIMENSIONS (WITHOUT CHARGING BIN)
PRSO CB 500	500	350	8	2.0 HP	2350 x 1100 x 2100
PRSO CB 750	750	500	8	3.0 HP	2450 x 1200 x 2250
PRSO CB 1000	1000	750	8	5.0 HP	2600 x 1400 x 2400
PRSO CB 1500	1500	1000	8	10.0 HP	2800 x 1600 x 2600
PRSO CB 2000	2000	1500	6	10.0 HP	3000 x 1800 x 2650
PRSO CB 3000	3000	2150	6	15.0 HP	3175 x 1850 x 2800
PRSO CB 4000	4000	3000	6	15.0 HP	3200 x 1950 x 2900



Coating solution preparation Vessel:-

The solution preparation tank has functions of heating, cooling, and mixing while temperature preservation or maintenance. The parts which directly contact with materials are made of stainless steel 316L. The inner surface and outer surface of our solution preparation tank are well polished.

The tank body is mainly equipped with CIP cleaning device, feeding inlet, discharge outlet, sight glass, liquid level meter, and temperature gauge.

Salient Features:

- cGMP construction.
- All the contact parts will be made from SS 316.
- High speed propeller type stirrer with flame proof drive motor.
- Suitable for preparing Coating solution for Sugar Coating as well as Film Coating.
- Steam jacket shall be provided upon request.
- If require, vessel provided with pneumatic stirrer.
- Available in 10 Ltrs. To 1000 Ltrs. Capacity.
- Product contact surfaces shall be polished to mirror polish.
- CIP / SIP facility provided upon request.
- Tailor made design available upon request.

IPC Lifter:-

SALIENT FEATURES:

- Suitable to different capacities I.P.C.s
- cGMP construction.
- Designed for continuous operation at safe working load.
- Projection of lifting arm shall be as per client's requirement.
- Available in mobile as well as Fixed positioned unit to suit the site condition.
- Hydraulically powered lifting / lowering movement.
- 270 Deg. Swivel arc with position lock on the base.
- Hose burst check valve will not allow the lifted load to come down, in case of hose pipe leakage or failure.
- Safety limit switches for maximum up & down movement control.
- Controlled travel speed avoids vibrations and increases operator safety.



FBD Bowl Tippler:-

SALIENT FEATURES

- Suitable to different capacities of FBD Bowl.
- cGMP construction.
- Designed for continuous operation at safe working load.
- Projection of lifting arm shall be as per client's requirement.
- Available in mobile as well as Fixed positioned unit to suit the site condition.
- Hydraulically powered lifting / lowering movement.
- Hose burst check valve will not allow the lifted load to come down, in case of hose pipe leakage or failure.
- Safety limit switches for maximum up & down movement control.
- Controlled travel speed avoids vibrations and increases operator safety.
- Limit switches for up & down movement.
- Limit switches for stopping the cone in 0 degree & 180 degree.

Dust free operation.

IPC Bins:-

SALIENT FEATURES

- Capacities available from 60 Ltrs. To 1200 Ltrs.
- Available in cylindrical as well as square polygon shape.
- cGMP construction with SS 316 contact parts.
- Sanitary design offers easy cleaning.
- Antistatic leg pads
- Interior and exterior welds ground to smooth finish and flush to mirror finish.
- Outlet butterfly valve for ease in discharging the stored materials.
- Tailor made construction available on demand.



Automatic coating machine:-

SALIENT FEATURES

Equipment meets the compliance with GMP and c GMP standards.

- All the contact parts will be made from SS 316.
- Perforated coating pan with variable frequency AC drive for step less control of speed.
- Unique spray arm design to achieve the greater flexibility during solution over the table bed.
- Spray guns with automated atomizing and shut off control to ensure zero droplets during the process.
- Double wall insulated air handling system with necessary filters, heat exchange and dehumidification system.
- Inlet, Exhaust and tablet bed temperature measurement.
- RH Measurement and control using high quality sensors.
- PLC Controlled Equipment with touch screen operator interface for process visualization.
- Connectivity to SCADA system for batch documentation.
- Models available in 24" / 30" / 36" & 48" size
- Flame proof construction available on demand.

We also Supply the spare of all pharma machinery, Rigid & Flexible Isolators



MANUFACTURING FACILITIES

A team of engineers & well experienced supervisors and technicians, who are dedicated to their work are together to provide cost effective solutions to our customer .All our products are manufactured as per Good Engineering Practice code. We take care of all safety rules of the company and follow all safety standards. All of workers are fully equipped with Personal Protective Equipment (PPE). We also follow health, safety and environment policy as per rules & requirement.

- Welding Machine: 2 nos.
- Argon Welding Machine : 2 sets
- Bending Machine
- Plasma Cutting Machine : 01 Set
- Gas cutter :01 Set
- Lathe Machine: 14 ft. – 01 no.
- Lathe Machine: 10 ft. – 02 no.
- Radial Drill Machine: 32 mm – 01 no.
- Flexible shaft grinder: 02 Nos.
- Buffing Machine: 03 Nos.
- Bench Grinder : 04 no