



PROC TECH

MACHINERIES INDIA PVT LTD

"Define your Work with the Perfect Way"

"Define your Work with the Perfect Way"

Specialist in Turn Key Projects:

- ✓ Industrial Plants
- ✓ Heavy Equipment
- ✓ Industrial Dryer
- ✓ Mixing & Grinding
- ✓ Classifier Equipment
- ✓ Drying Equipment
- ✓ Crushing & Grading Equipment
- ✓ Chemical Plant & Machinery



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★ COMPANY PROFILE :

Proc Tech Machineries India Pvt. Ltd Is India's Leading Company Which Is Dealing In All Types Of Industrial Plants And Machineries. By The Trust That Has Been Placed In Us By Our Clients, We Have Built Up An Undoubtedly Long List Of Prestigious Clientele Because Of Our Obsession With Innovation And A Penchant For Quality. There Are No Two Ways To The Fact That Our Customers Swear By Us. We Are Grateful To Our Demanding Customers For Keeping Us On The Cutting Edge Of Technology.

Creating A Niche In The Market Requires Immense Knowledge, Expertise And We Believe That Due To That We, Proc Tech Machineries India Pvt. Ltd. Have Created A Dominant Hold In The Market As A Manufacturer. We Deal In A Broad Assortment Of Industrial Machinery Such As Drying Equipment, Crushing & Grinding Equipment, Industrial Plants, Mixing Equipment, Separation Equipment, Feeding Equipment, Pollution Controlling Equipment, Conveying Equipment And Many Other That Are Designed And Developed By The Extremely Talented And Experienced Professionals Of Our Business Enterprise.



It Is Our Company's Mission To Provide High-End Industrial Machinery And After Sales Service At Prices That SMEs Can Afford..

★ COMMITMENTS :

We Will Consistently Provide Products That Meet And Exceed Customer And Regulatory Requirements And Will Continually Improve Our Quality System To Enhance Customer Satisfaction.

★ OUR TEAM :

Proc Tech Machineries India Pvt. Ltd. Started with a vision of **Mr. Upendra Singh** and **Mr. DK Sonu Patel** i.e. No Compromising Quality with affordable price which is built our nation more strong and Vocal For Local agenda. The exceptional success & growth acquired by us in domain of industrial manufacturing has been accredited to our hard-working team of professionals. Our team of experts includes hard working, experienced & dedicated professionals having extensive expertise in their respective domains. The entire workforce is segregated by us in different groups according to their area of specialization such as detailed engineering, designing, manufacturing, inspection, testing, project execution and others. This helps complete the assignment with perfection & within stipulated time frame.

WHY US ?

- ✓ Pre Sales Support
- ✓ Turnkey Project Management & Detailed Engineering
- ✓ Skilled Workforce
- ✓ Customized Solution
- ✓ 24X7 Customer Support
- ✓ Profound After sale Support
- ✓ Validation Service
- ✓ OEM Supply



★ OUR VISION :

Our vision is to carve our self as one of the most dynamic and customer centric companies, where people can rely and discover all types of Industrial Plants & machineries. We endeavor to explore our efficiency in all ways to give the best products to our customers beyond their expectations in terms of wide range of selection, the lowest prices, prompt delivery and wonderful quality product experience to the buyers around the world.

★ OUR MISSION :

Our each product is uniquely designed to meet our client's expectations. Our mission is very clear to serve worldwide customers by providing real essence of modern dynamics coupled with the advanced technology. We are continuously on the growth path to evaluate our machines.

★ WE ARE DEALING IN :

- | | | |
|----------------------------|---------------------------------|-------------------------------|
| ✓ Drying Equipment | ✓ RMC Plant | ✓ Material Handling Equipment |
| ✓ Air Classification Plant | ✓ Jaggery plant | ✓ Storage Equipment |
| ✓ Waste Tyre Plant | ✓ Spice Processing Plant | ✓ Mixing Equipment |
| ✓ Drum Mix Plant | ✓ Grinding & Crushing Equipment | |



Industrial Rotary Dryer

Proc Tech Machineries India Pvt. Ltd is manufacturing Rotary Dryer Since a Decades. Rotary Dryers have been used for many decades for drying a wide variety of materials. The Rotary Dryer has become firmly established in the building materials, minerals, raw materials industries, chemical industry as well as in the foodstuffs and pharmaceutical industries. Industrial Dryer is well known as Rotary Dryer, Sand Dryer, Minerals Dryer, Chemicals Dryers, Salt Dryers, etc. using in many applications by defining many names.

Equipment for Rotary dryer machine are made out of best quality of material like MS steel Sections. Heavy thickness MS or SS sheet, Heat transfer grade steel tube fin tubes type heavy duty heat exchangers suitable to use steam, Thermic Fluid Oil system, hot or superheated water system. Provisions to exhaust humid air with dust collection system from dryer with a recall of fresh air Fan of the same quantity through purpose built dampers.

✓ STRUCTURE :

The rotary dryer mainly consists of revolved shell body, raise material board, transmission device, support device and seal ring, Back & fourth supporting wheels, feeding & Discharge Units and Gear Box.

✓ INSTRUCTION :

The drier is widely used for drying materials in the industries of cement, mine, contraction, chemical, food, compound fertilizer, etc. Feeding and discharging unit is installed with thermocouple to control drier temperature. The temperature change of drier's feeding end can be indicated by the thermometer to control the inner drier temperature (generally 250-350)

✓ APPLICABLE FOR :

This rotary dryer can dry many kinds of materials which contain moisture, such as sand, coal, coal slurry, slag, wood waste, saw dust, agro waste, industrial waste, and clay stone. Rotary dryer are widely used in building materials, wood industry, metallurgy, and chemical industry.

| Sr. No. | Size (mm) | Processing (Tons) | HP (Motor) | RPM (Mint.) | Input (Moisture) | Output (Moisture) | Feed Inlet Temperature |
|---------|------------|-------------------|------------|-------------|------------------|-------------------|------------------------|
| 1 | 600x6000 | 0.5-1.5 | 5 | 4 | 5% OR 25% | 0.5% OR 1% | 350±50°C |
| 2 | 800x8000 | 0.8-2.0 | 7.5 | 4 | 5% OR 25% | 0.5% OR 1% | 350±50°C |
| 3 | 800x10000 | 0.8-2.5 | 7.5 | 4 | 5% OR 25% | 0.5% OR 1% | 350±50°C |
| 4 | 1000x10000 | 1.0-3.5 | 10 | 4 | 5% OR 25% | 0.5% OR 1% | 350±50°C |
| 5 | 1200x10000 | 1.8-5 | 10 | 4 | 5% OR 25% | 0.5% OR 1% | 350±50°C |
| 6 | 1200x12000 | 1.8-5 | 20 | 4 | 5% OR 25% | 0.5% OR 1% | 350±50°C |
| 7 | 1500x12000 | 2.1-6 | 20 | 3 | 5% OR 25% | 0.5% OR 1% | 350±50°C |
| 8 | 1800x12000 | 3.5-9 | 25 | 3 | 5% OR 25% | 0.5% OR 1% | 350±50°C |
| 9 | 2200x12000 | 6.0-14.8 | 30 | 2.5 | 5% OR 25% | 0.5% OR 1% | 350±50°C |
| 10 | 2200x18000 | 10.0-18 | 40 | 2.5 | 5% OR 25% | 0.5% OR 1% | 350±50°C |



Air Classifier

Proc Tech Machineries India Pvt. Ltd is Offering you a complete choice of products which include air classification plant, ss air classifiers, air classifier system, ms air classifier, air classifiers and air classifier machine. Air classifiers are employed in industries to separate various particles in dry powder. Our classification systems are used in a wide variety of applications, products, and fineness ranges.

Whether our air classifiers are to be employed individually, or to be incorporated into your existing system, or in a closed-loop classification and grinding circuit, they will economically meet your application and yield the desired result. We offer state-of-the-art air classifiers as your ideal Air Classifier Manufacturer India and our products are renowned all over the world. We cater to domestic as well as international markets and all our customers vouch for our industrial offerings and services.

✓ **CONTRACTION :**

- Mild Steel, Stainless Steel & SS Coating. (GMP Models Also Available)

✓ **APPLICABLE FOR :**

Carbon & Graphite-Stone, Fly ash - Dyes & Pigment-Dyestuffs - Fertilizer -Aggregates, Agricultural Chemicals, Carbon Black, Ceramics, Chemicals, Clay, Cornstarch, Cosmetics, Crushed Stone, Deagglomeration, Diatomaceous Earth, Flour, Fly Ash, Food Product, Gypsum.

✓ **FEATURES :**

- Particles are reduced to finer and more uniform sizes.
- Use of cyclone separator leads to less dusting on output side.
- No dusting from feeding hopper because feeding is done under negative pressure.
- It runs at lower speed, hence it requires much less maintenance.
- They are easy to clean & wash.
- It is manually feed as normal practice & can be supplied with automatic feeding as well.
- It uses air classification which does not require screen. Hence, it is free from problems like conking. Printing & frequent replacement of screen do not arise.

| Sr. No. | Model | Production Kg./Hr. | Production Mesh | Power HP |
|---------|------------|--------------------|-----------------|----------|
| 1 | PTM -100 | 80 to 100 | 100 TO 325 | 7.5 |
| 2 | PTM -150 | 130 to 150 | 100 TO 325 | 12.5 |
| 3 | PTM -5000 | 4500 to 5000 | 100 TO 325 | 15 |
| 4 | PTM -10000 | 9500 to 10000 | 100 TO 325 | 30 |



Waste Tyre Recycling Plant - 10TPH/12TPH

Proc Tech Machineries India Pvt. Ltd offer our client an excellent quality range of Waste Tyre Recycling Pyrolysis Plant, Machine and its Equipments spare parts, which are manufactured from high grade quality raw materials. These Pyrolysis Oil Plant and Machinery can be customized as per our precious customers specifications.

These Pyrolysis Oil Plant and Machinery are widely known for its durability and quality. Our Pyrolysis Oil Plant and Machinery can be availed at leading market price & cost. In this plant as a raw material you can use scrap tyre or waste rubber and waste plastic and we get valuable output Pyrolysis Oil (Substitute of Furnace Oil), Carbon Black Powder, Steel Wire scrap, and Gas.

✓ ADVANTAGES OF WASTE TYRE RECYCLING PLANT :

- Purest quality of Pyrolysis Oil as finished product.
- Use of green technology to achieve environment friendly process.
- Automatic safety valve used to improve safety, profitability & ease of operation.
- It is energy self-sufficient.
- No external fuel required for heating.
- It recovers energy and generates value from waste, in form of fuel, steel wire and charcoal.
- Reduces land pollution.
- Eco-friendly recycling of tires.
- Commercially viable process.
- A good substitution to L D O / Furnace oil.

✓ MIN. OUTPUT :

Pyrolysis oil

- Total yield obtained: Fuel oil – 40 to 45%
- Flash Point: 60 to 93.3 C.
- Selling price comparable to industrial diesel
- L D O (light diesel oil)

Carbon Black

Total yield obtained: 30 to 35%

The vital product of pyrolysis plant is carbon black referred as "charcoal"

Steel Wire

- Total yield obtained: 15 to 20%
- After completion of Pyrolysis Process "steel Wire" Remains .
- Steel wire can also be removed before adding the Radial tyre inside the Reactor by Hydraulic Steel Wire Removing Machine.

Hydrocarbon Gas

- Total yield obtained: 5 to 8%

✓ COMPONENTS ARE USING :

- Reactor
- Condensing System
- Storage Tanks & Vessels
- Wet Scrubber System
- Chimney & Blowers
- Nitrogen Plant
- Pyro Water Burner
- Cooling Blower
- Gas Balloon
- Baby Steam Boiler
- Tyre Side Wall Cutter
- Auto Ignition System



Drum Mix Plant

Proc Tech Machineries India Pvt. Ltd. Manufacturer, Exporters & Suppliers of Asphalt Drum Mix Plant in India. our Asphalt Drum Mix Plant is ideal for road contractors who want to make high volumes of hot mix asphalt without compromising on the quality factor. Asphalt plant is also known as asphalt drum mix plant, hot mix plant, continuous asphalt type plant, parallel flow type etc.

Drum Mix Plant Range Start from 20TPH to 150TPH, available in both mobile and stationery models. The Asphalt Plant is made up of high quality steel & rugged design to give high performance for long time without compromising on the quality of produce/mix with high fuel efficiency, Hence enchasing the profit earning of the customers.

✓ FEATURES :

- Fully automatic, remote-controlled burner units are fuel efficient and easy to operate.
- Complete automatic process control with system interlocks ensures conformance to safety standards
- Unique flight design ensures total heat transfer, thorough mixing and coating, and prevention of bitumen oxidation.
- Fully computerised controls utilise on-board electric control console, distribution switchboard and automatic process and sequence controls.

✓ THE ASPHALT PLANT CONSISTS OF :

- Cold Aggregate Four-Bin Feeder
- Single Deck Vibratory Screen
- Slinger (Cold) Conveyor
- Dryer Auto Burner
- Drying Cum Mixing Thermo drum with Dust Collector
- Load out conveyor with Gob hopper
- Asphalt Tank
- Mineral Filler Unit
- Centralized Control Panel with insulated Cabin
- Fuel Storage Tank

| Sr. No. | Model | Production Kg./Hr. |
|---------|----------|--------------------|
| 1 | DM - 30 | 30TPH |
| 2 | DM - 50 | 50TPH |
| 3 | DM - 70 | 70TPH |
| 4 | DM - 90 | 90TPH |
| 5 | DM - 120 | 120TPH |



RMC Plant

Ready mixed concrete are concrete produced in a plant and batching plant in compliance with a fixed formula and then transported by trucks installed in-transit blenders to such a worksite. is completely committed to providing its customer customers with complete satisfaction by delivering accessible, reliable and efficient RMC solutions that are backed by strong after-product distribution services.

Our RMC plants are very well known for achieving exact results yet are willing to provide our consumers with years' of satisfied service. We handle to transform our agency into such a large undertaking with sharp business skills and professional experience

✓ FEATURES :

Effective Concrete Model Mixer to ensure proper durability and consistency Guarantee good quality and quantity concrete supply Totally computerized batching plant and manufacture reliably high performance concrete included in different capacities Highly efficient

✓ ADVANTAGES OF RMC PLANTS:

Minimum aggregate loading height Robust structure with bins Large mixer platform for ease of maintenance Added safety with Limit Switch in Mixer. Control cabin included in standard scope Drive through design for increased productivity

Proc Tech Machineries India Pvt. Ltd have one of the best after-sales teams which is ready to help in minutes where possible and we use high-quality components which are available worldwide to make sure that our customers rely on equipment they purchased and are not bind to us in solving minor service issues.

| Sr. No. | Model | Production Kg./Hr. | Power HP |
|---------|----------|--------------------|----------|
| 1 | RMC - 20 | 20 CM / HR | 20 |
| 2 | RMC - 30 | 30 CM / HR | 30 |
| 3 | RMC - 45 | 45 CM / HR | 40 |
| 4 | RMC - 60 | 60 CM / HR | 50 |



Jaggery Plant

We are here to offer a whole new range of precisely developed Jaggery Plants. They are made for an organized production of jaggery from the sugarcane juice. These plants are easily operable and can be installed without any kind of difficulty. They aid in preparation of jaggery in the most hygienic manner. The Jaggery Plants can be installed very easily and in less time. They are quite popular globally for giving the most unique and ever lasting functioning and that too at a reasonable price.

Jaggery Plants we offer can fulfill even the highest demands of the market. The plants are known to make good quality of Jaggery in several weights as well as sizes. They can produce good amount of jaggery used widely in the sector of food. The plants are the economical investments, which can reduce the conveyance cost, very well. Jaggery Plant is highly apt for the production purpose and enable consistent as well as optimum production of jaggery. These have several automated mechanisms and allow for superior quality and extended serviceability. They make jaggery with the help of sugarcane crusher and have high crushing capacity.

We have adopted new and the latest technologies and techniques to manufacture our machines. These machines have great capacity and strength and will increase the production our your company. We are the best commercial jaggery plant supplier in the market today due to the products and services that we supply.

✓ FEATURES :

1. Our Jaggery Plant are based on our patented technology which helps to reduce processing cost of Jaggery Making by Rs 750 per ton of sugar cane processed compared to conventional jaggery making process.
2. This plant can achieve Jaggery of shelf life 1 year
3. This plant can produce jaggery in purest form and jaggery can be used in boiling tea and tea wont curdle.
4. With the help of patented technology manpower required to run this is brought down by 70% compared to conventional jaggery making plant

| Sr. No. | Capacity | Land Acres | Labour | Electrical Load KW |
|---------|----------|------------|--------|--------------------|
| 1 | 25 TCD | 0.5 | 10 | 10 |
| 2 | 50 TCD | 1 | 15 | 50 |
| 3 | 100 TCD | 1.5 | 30 | 100 |



Automatic Chilly/Coriander Plant

The spice processing plant is offered by us for use in commercial and industrial applications. It is very effective and has an efficient performance. Spice processing and packaging involves several consecutive steps such as cleaning, drying, grinding/pulverizing, sieving, filling and sealing the packaged spices. At first, underground spices are thoroughly cleaned before processing.

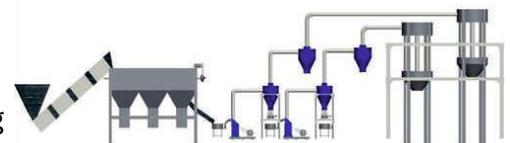
The offered machine is easy to operate and made for a highly durable service life. The offered Spice processing machine is very effective and helps in making the processing easy and more convenient. The machine does not need any kind of maintenance and is cost effective. The designs and mechanical specifications of the range are modified as per the individual requirements of our clients.

✓ **CONTRACTION :**

- Mild Steel, Stainless Steel & SS Coating. (GMP Models Also Available)

✓ **FULLY AUTOMATIC CHILLY / CORIANDER PLANTS : 2 STAGE & 3 STAGE PROCESSING PLANTS :**

- Cleaning machine
- Drying Machines (If Required)
- Belt Conveyor
- Storage Hopper
- 2 or 3 stage Pulveriser Machines
- Dust Collector
- Gyro Screen
- Screw Conveyors
- Mixing Machines
- Storage Tanks
- Filling- Sealing & Packaging Machines



We are offering a wide range of Fully Automatic Spices Processing Plant specially adapted to the needs and requirements of the Indian processing industry. Several spices processing plants have also been successfully installed and operational in India and overseas. We have developed specific mechanized processes right from cleaning of raw material, grinding and grading for the processing of whole chilli, turmeric, coriander, cumin and mix spices. Our machines come in automatic and semi automatic designs.

| Sr. No. | Model | Production Kg./Hr. |
|---------|------------|--------------------|
| 1 | PTM -100 | 80 to 100 |
| 2 | PTM - 200 | 180 to 200 |
| 3 | PTM - 500 | 450 to 500 |
| 4 | PTM - 1000 | 950 to 1000 |



Automatic Turmeric Plant

Proc Tech Machineries India Pvt. Ltd. Is Established brand for manufacturing Complete Range in Spice Processing Plant. We are Making Chilly, Coriander, Turmeric Continuous Processing Plants in Ahmedabad. We offer end to end customized Automatic Turmeric / Haldi Processing Plant right from idea conceptualization, design, planning, manufacturing, quality control to efficient Erection and commissioning of Turnkey projects. Understanding no customer requirement is small, we have capabilities to manufacture standalone equipment to completely Automated Spice Processing plants.

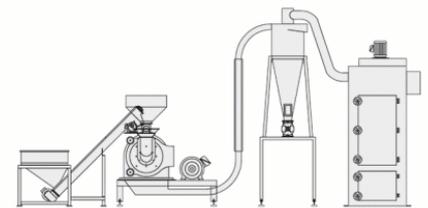
Automated processes in Spice processing includes Cleaning, Grinding, Blending, Sieving, Material Handling and Bulk Storage, Batch making up to Packing with minimal human intervention, thus, ensuring high product quality and hygiene.

✓ **CONTRACTION :**

- Mild Steel, Stainless Steel & SS Coating. (GMP Models Also Available)

✓ **FULLY AUTOMATIC TURMERIC PLANTS : SINGLE STAGE PROCESSING PLANTS :**

- Cleaning machine
- Drying Machines (If Required)
- Belt Conveyor
- Storage Hopper
- Impact Pulveriser
- Dust Collector
- Gyro Screen
- Screw Conveyors
- Mixing Machines
- Storage Tanks
- Filling- Sealing & Packaging Machines



We have executed some excellent state of the art facilities meeting best industry practices in India and Overseas, winning recognition and reputation for Turnkey projects. Our streamlined solutions have user friendly designs, and meet the technical quality standards and economical aspects to deliver.

| Sr. No. | Model | Production Kg./Hr. |
|---------|------------|--------------------|
| 1 | PTM -100 | 80 to 100 |
| 2 | PTM - 200 | 180 to 200 |
| 3 | PTM - 500 | 450 to 500 |
| 4 | PTM - 1000 | 950 to 1000 |



Continuous Ball Mill

Continue ball mill is mainly used for mixing, milling of the materials. It works with less energy but produces high fineness product. It has two types, wet mills and dry mills. The machine could use different lining board according to product requirement to satisfy different customer's requirement.

The milling fineness depends on the milling time. The motor is started by the coupling which can reduce voltage and lower the starting electricity. The structure is divided into integral type and freestanding type. Advantages of the machine are lower investment, energy saving, structure novelty, easy and safe to operate, stable and reliable performance, etc. It is suitable for mixing and milling of general and special materials. Users can choose the proper model, lining board and media as per the factors, such as: material's specific gravity and hardness, as well as output, etc. Continue ball mill is also called a ceramic ball mill, with drying work and wetting working by batch. It is used for fine grinding of feldspar, quartz, clay, ore, etc.

✓ DESCRIPTION :

Ball mill is the key device grinding for crushed materials, which is widely used for ore dressing and glass ceramics industries Such as cement, silicate product, modern building materials, refractory, chemical fertilizer, ferrous metal, nonferrous metals. It has both dry and wet types of grinding for various kinds of ore and other grind-able materials.

✓ WORKING PRINCIPLE

This ball mill is a horizontal and barrel-type rotating device, which is grid energy-conserving with two warehouses. The materials enter into the feed sleeve shaft by the feeder and spirally and evenly into the first warehouse with grading and corrugated liner as well as steel balls of different specifications The centrifugal force generated by the rotation of the shell drives steel balls to a certain height and drops them to make heavy Impact and grinding for the materials. The materials are rough grinded at the first warehouse, enter into second warehouse through mono layer baffle, and further grinded In the second warehouse with liner and steel balls. The powder is discharged through the grid and the grinding is completed

| Sr. No. | Model | RPM (R/Min) | Material Loading (T) | Input Size (mm) | Power HP |
|---------|----------|-------------|----------------------|-----------------|----------|
| 1 | PTM-500 | 36 | 0.50 | 5 to 10 | 30 |
| 2 | PTM-1000 | 36 | 1.00 | 5 to 10 | 60 |
| 3 | PTM-2000 | 36 | 2.00 | 5 to 10 | 100 |
| 4 | PTM-3000 | 30 | 3.00 | 5 to 10 | 100 |
| 5 | PTM-5000 | 30 | 5.00 | 5 to 10 | 150 |



Screen Pulverizer

The Screen Pulveriser is define as Spices Pulverize Machinery / Chilly Pulverizes /Spices Machinery is also known as Masala Chill Pulverizes, Mini Masala chilly pulverize is a very simple type of pulverize. The grinding chamber consists of a serrated ratchet liner on top, and screen at the bottom for classification. Feed material is goes through grinding chamber by manual hopper. Spice Pulverizes Machinery is manufactured using premium quality materials that ensure high durability, tensile strength and resistivity to adverse condition.

During the grinding process, a small quantity of air is generated, to remove this air a Polyester dust bag is attached below the through and the other end of the bag is hung at top, also acting like a dust collector.

✓ CONTRACTION :

- Mild Steel, Stainless Steel & SS Coating. (GMP Models Also Available)

✓ IDEAL FOR :

Spice & Masala Plant - Food Processing Plant, Carbon & Graphite-Stone, Fly ash - Dyes & Pigment-Dyestuffs - Fertilizer - Aggregates, Agricultural Chemicals, Carbon Black, Ceramics, Chemicals, Clay, Cornstarch, Cosmetics, Crushed Stone, Deagglomeration, Diatomaceous Earth, Flour, Fly Ash, Food Product, Gypsum.

Mini Pulverizes are used for the grinding of small quantity of spices, especially for high value condiments like, cinnamon, cloves, cardamom, nutmeg, pulses, sugar with a capacity from 5 Kgs. To 60 Kgs. Per hour, In addition this machine are highly capable of grinding wet and pulpy material, like green/red chilly sauce, fresh ginger garlic paste, and other wet food products.

| Sr. No. | Model | Production Kg./Hr. | Mesh | HP |
|---------|-------------|--------------------|-----------|------|
| 1 | PTM-6-12 | 50 | 10 to 125 | 5 |
| 2 | PTM-7-14 | 75 | 10 to 125 | 7.5 |
| 3 | PTM-8-16 | 100 | 10 to 125 | 10 |
| 4 | PTM-9-18 | 125 | 10 to 125 | 12.5 |
| 5 | PTM-10-20 | 150 | 10 to 125 | 15 |
| 6 | PTM-12-24 | 200 | 10 to 125 | 20 |
| 7 | PTM-16-24 | 400 | 10 to 125 | 25 |
| 8 | PTM-18-24 | 600 | 10 to 125 | 40 |
| 9 | PTM-20-30-1 | 700 | 10 to 125 | 50 |
| 10 | PTM-20-30-2 | 800 | 10 to 125 | 60 |
| 11 | PTM-20-30-3 | 1000 | 10 to 125 | 70 |



Impact Pulverizer

The main mill is equipped with a hopper below which is the STAR-FEEDER actuated by Pawl & Ratchet mechanism. The fine grinding is achieved by compression, shear, abrasion, attrition and impact of hammers / beaters on the materials against the replaceable serrated striking plates. The strong suction blower sucks the pulverized product and the air stream inside the mill carries the result product. In between the fan and the grinding chamber (having beaters / hammers) is the Air Classifier consisting of blades with tips tapered to conform the contour of Air classifier cone. Counter current is set up at the periphery indicated by arrows; it rejects the coarse material back to the grinding chamber for re-grinding. Clamping the whizzer blades at a suitable position can control fineness. The entire wearing parts consisting of grinding chamber, whizzer classifier and blower are lined with replaceable lining plates.

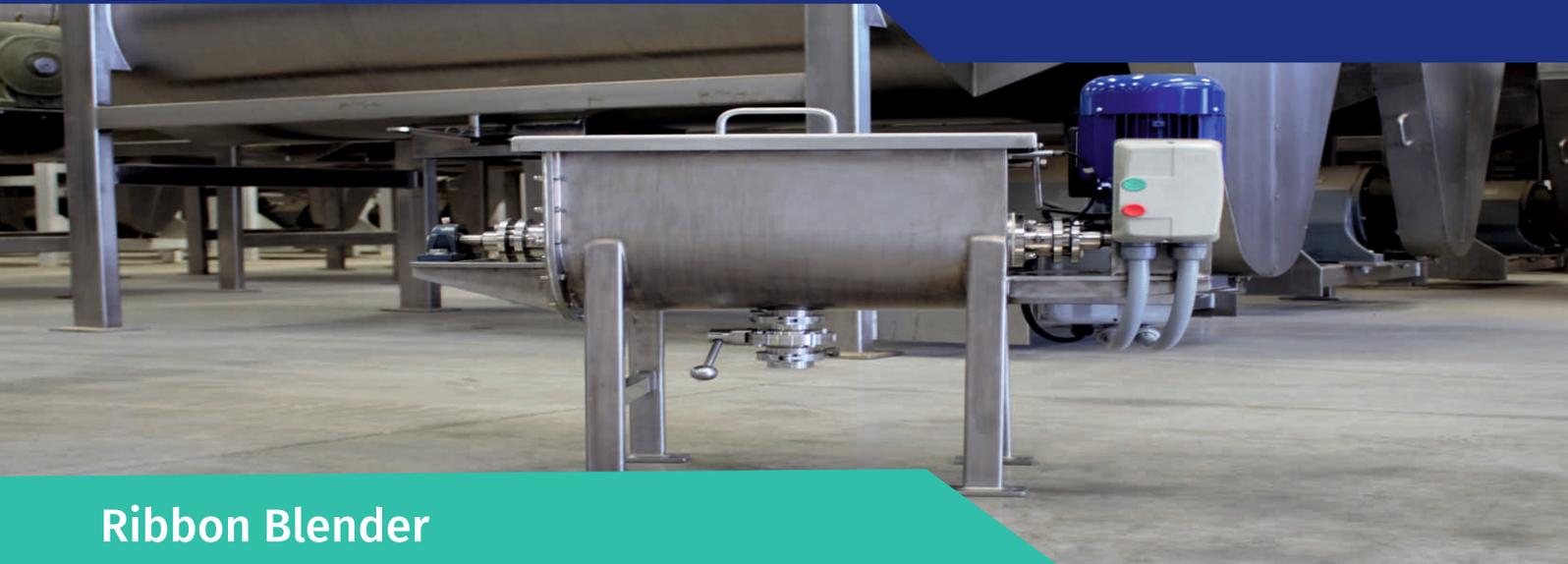
✓ **CONTRACTION :**

Mild + C.I. Casting / SS Coating (GMP Models Also Available)

✓ **GRINDING FOR MATERIAL :**

- Carbon & Graphite-Stone, Chemicals Products Dyestuffs Fertilizer Insecticides Pesticide Spice, Masala & Food Equipment - Bauxite-Bentonite-Besan-Calcite-Chalk-China Clay-Chromites-Coal-Graphite-Gypsum-Hydrated Lime-Lime Stone-Ochre's-Pyrophyllite-Soap Stone-Magnesite-Herbs-Dolomite
- Rending Classifying and conveying done in one operation. Particle size is finer and more uniform than that obtained from machine using screen.
- No dusting from feeding hopper because feeding is done under negative pressure.
- Less dusting on output side because of use of cyclone separator.
- It uses air-classification witch does require screen, Hence the problems associated with screen like choking, painting and frequent replacement of screen do not arise
- It is manually fed as a normal practice. However, it can be supplied with automatic feeding also It runs at low speed compared to machines using screen, hence much lass maintenance
- Easy to clean and wash.

| Sr. No. | Model | Kg. P/H | Mesh | HP | Machine RPM |
|---------|--------------|---------|-----------|------------|-------------|
| 1 | PTM-8 | 30 | 40 to 325 | 5 to 7.5 | 2800 |
| 2 | PTM-12 | 40 | 40 to 325 | 7.5 to 10 | 2800 |
| 3 | PTM-16 | 60 | 40 to 325 | 10 to 15 | 2800 |
| 4 | PTM-20 | 100 | 40 to 325 | 15 to 15 | 2600 |
| 5 | PTM-25 | 250 | 40 to 325 | 25 to 30 | 2400 |
| 6 | PTM-32 | 500 | 40 to 325 | 50 to 60 | 2200 |
| 7 | PTM-32 (32") | 700 | 40 to 325 | 50 to 60 | 2000 |
| 8 | PTM-42 | 1200 | 40 to 325 | 100 to 125 | 1500 |



Ribbon Blender

Our manufacturing an extensive range of Ribbon Blender, which is used for different industrial mixer purpose. These are available in various models like lab model to heavy-duty. These are best in dry powder mixing with the best result & at minimum budget. This mixer is designed in U shaped with 5 – 10,000 liters working capacity.

Our offered Blender is specially fabricated with different grade of steel like stainless steel, carbon steel & alloy steels as per industrial need. Our product is environment friendly, which required very maintenance & electric energy. Our design is available for low, medium, large & mega volume capacity to mix small to large size material. Very sharp blades are installed in this, which mixes different soft to hard material at less time.

Ribbon Blender are mostly used by Chemicals, Plastic, Pharmaceutical, Paints and food industries. The Ribbon Blender does homogenous mixing of powder and semi-wet material of different densities. The ribbon blades of different designs are used to suit the need of different materials. The Ribbon Blender consists of a Semi- cylindrical shell inside which rotates a Shaft fitted with spiral inner and outer ribbons.

✓ **CONTRACTION :**

Mild + C.I. Casting / SS Coating (GMP Models Also Available)

✓ **APPLICABLE FOR :**

Guar Gum, Agro Chemicals, Pigments, Pharmaceutical, Nutraceuticals, Ayurvedic & Herbal, Detergent, Paint, Bakery & Biscuits, Food Salt & Dairy, Cosmetics, Biotechnology & etc.

| Sr. No. | Model | Production Kg./Hr. | Mesh | HP |
|---------|-------------|--------------------|-----------|------|
| 1 | PTM-6-12 | 50 | 10 to 125 | 5 |
| 2 | PTM-7-14 | 75 | 10 to 125 | 7.5 |
| 3 | PTM-8-16 | 100 | 10 to 125 | 10 |
| 4 | PTM-9-18 | 125 | 10 to 125 | 12.5 |
| 5 | PTM-10-20 | 150 | 10 to 125 | 15 |
| 6 | PTM-12-24 | 200 | 10 to 125 | 20 |
| 7 | PTM-16-24 | 400 | 10 to 125 | 25 |
| 8 | PTM-18-24 | 600 | 10 to 125 | 40 |
| 9 | PTM-20-30-1 | 700 | 10 to 125 | 50 |
| 10 | PTM-20-30-2 | 800 | 10 to 125 | 60 |
| 11 | PTM-20-30-3 | 1000 | 10 to 125 | 70 |



Tanks, Silos & Vessels

Proc Tech Machineries India Pvt. Ltd is offering Complete Range in Storage Equipment Such as Storage Silos, Storage Tanks, Chemical Vessels & Tanks:

✓ MS & SS STORAGE TANKS :

We are leading manufacturer of MS & SS Storage Tank and our product is made up of good quality. Fostered by support from a talented team of professionals, we are able to offer MS & SS Tanks. The offered tank is designed using quality approved under the guidance of skilled professionals. This tank is used as a material for storage tanks of chemicals. The offered tank is checked on quality provisions for make certain its quality.

✓ CHEMICAL VESSELS :

We have made the Chemical Reaction Pressure Vessel as a standard apparatus in the chemical industry and its basic work is for mixing processes and for chemical reactions in the liquid phase. The vessel can be easily operated in batch mode with temperature going up to 150°C To 500 C Depending on the requests of the process the agitated vessel consists of unalloyed or alloyed steel .

Jacketed Reaction Vessel consist of a Cylindrical vertical shell with standard Tori spherical/ Ellipsoidal dish on both ends.

✓ STORAGE SILOS :

With our strong technical strength and professional construction teams, we can produce high-quality steel silos. Our silo adopts double-sided galvanized steel coil and the most advanced spiral bending technology. It has a stable structure which is corrosion resistant and has a good airtight seal.

We provide flexible choices on dimensions in a fairly large range to meet various demands of our clients and a comparably small coverage that could narrow the separation distance down to 500mm for maximized space utilization. Low investment, easy operation and long service life make our silos your optimal choice.

✓ CONTRACTION :

- Mild Steel, Stainless Steel & SS Coating. (GMP Models Also Available)





Material handling Equipment

Proc Tech Machineries India Pvt. Ltd is offering Complete Range in Material Handling Equipment Such as Screw Conveyor, Belt Conveyor, Vibrating Conveyors & Bucket Elevators.

✓ SCREW CONVEYORS :

screw conveyor systems have proven to be a simple, effective way to convey granular products horizontally or at an incline. Proc Tech Offers Complete Range in screw conveyor systems and parts are available in a wide range of designs and materials. we are making best quality screw conveyors and believe they provide an efficient and reliable method of conveying a wide range of industrial bulk materials.

✓ BELT CONVEYORS :

Commonly used for agricultural and industrial bulk products, these systems are made in modules that can be manufactured in a slider bed style, a roller bed style or a combination of both. Several accessories can be included for loading, unloading, inclination and providing protection from the elements or contamination.

✓ BUCKET ELEVATORS :

We are one of the India's leading Manufacturer of conveying equipment for agricultural and industrial equipment, delivering elevator control systems all over the world. We have a range of products that contain models constructed to suit various materials and tasks. There is also a range of standard features along with different types of buckets. The optimal number of buckets per meter belt and nominal belt speed is calculated depending on the specific material and capacity requirements.

✓ VIBRATING CONVEYORS :

The horizontal conveyance of material can be done by using an electromagnetic, eccentric, or inertia drive system to vibrate a pan. Featuring the ability to be fed or discharged at multiple locations, this form of conveyor lends itself to versatility, gentle handling and ensures clean out between runs. Available in different widths and lengths up to a certain point, let us help you with what conveyor will be best suited to maximize your return.





We Also Manufacture



AIR BLOWER



DUST COLLECTOR



GYRO SCREEN



DESTONER



TRAY DRYER



ROTARY SCREEN



JAW CRUSHER



VIBRATING SCREEN



FLAKER MACHINE

WHY US ?

"Define your Work with the Perfect Way"

Proc Tech Machineries India Pvt. Ltd. is committed to helping its clients reach their goals, to personalising their event experiences, to providing an innovative environment, and to making a difference.

- Our strong sense of identification with client projects means that we are constantly striving to provide solutions, even for issues they aren't yet aware of. To this end, we adopt a progressive approach to technology and marketing techniques.
- This sense of identification also means we value and promote seamless interaction with clients' own teams, and ensure the best value is obtained from their event budget.
- Our long experience at the top of the events business means we have expertise which reaches across a number of sectors, as well as knowledge of specific protocol and local regulations. But we know that things change, and we are constantly striving to adapt and improve.



Dedicated Teams



True Partners



Global Presence



Innovative Focus



Respect Clients

Our success lies in its commitment to running events with professionalism and expertise, and in identifying strongly with their outcome. This sense of responsibility means we always strive to add value and are proactive in solving problems and in adopting client procedures. Our approach is distinctly innovative. We constantly seek new ways to increase client visibility and brand value. We also look to get the most out of advances in digitalisation, and embrace client technology platforms.

We specially select teams for every project, to ensure each event gets the attention of the people who have the most relevant technical skills, languages and knowledge. AIM also draws on its extensive international network to access the best know-how, contacts and partnerships from around the world. The volume of business we generate gives us – and by implication our clients – greater bargaining power with suppliers, and in several cases we have long-term contracts in place at advantageous rates.



STANDARD

QUALITY

FULL RANGE

FAST DELIVERY

CUSTOMER

SATISFACTION

We provide you the Highest Quality Service,
Which Compels You to use it!

GET IN TOUCH



PROC TECH

MACHINERIES INDIA PVT LTD

"Define your Work with the Perfect Way"



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