



PNEUCON[®]
Heavy Projects Private Limited
Your Dream, We Create

**World's Premier
Engineering Company**



PNEUCON
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Company Profile

PNEUCON Heavy Projects Private Limited Specialized in Design, Manufacturing & Supply of Dry Mortar Plant and Storage and Material Handling Equipment like Storage Silo(SS 304, SS 316 and Mild Steel Silo), Storage Tank, PEB (Pre-Engineering Building), Industrial Heavy Fabrication, Dense Phase Pneumatic Conveying System, Pneumatic Vacuum Conveying System, Jumbo Bag Unloading System, Auto Weight Batching System, Automatic Bag Slitting Machine, Heavy Fabrication, Heavy Steel Structure, and Process System and all.....Best Industrial and Engineering practices are applied in all the projects.

PNEUCON Heavy Projects" an ISO 9001: 2015 certified Company in India. We have a dedicated team of highly qualified and experienced professionals.

PNEUCON Heavy Projects" and its top management strongly believes in good professional ethics and ensures promised quality.

We provide complete satisfaction to the customers and we believe that as the list of our satisfied customers grows so will the "PNEUCON Heavy Projects" and its employees.



Total Area	: 45,000 Sq. Meter
Constructed Shed	: 16,500 Sq. Meter
EOT Crane	: 10 Ton - 6 Nos.
Electricity Power	: 200 KW

Our team has played a vital role in making us the successful name in industry. Our professionals interact with the clients and ensure that the customers are served successfully in most desirable manner. We train our team on regular basis, so that they can keep pace with the changing business environment.

Specialization

PNEUCON Heavy Projects since its inception has inherited a deep-rooted value system which is inculcated in each of its members that are reflected in their day to day life.

- Having enormous energy & the ability to energize others.
- Seeing changes as opportunities.
- Maximizing performance & maintaining results.
- Living quality, driving cost & speed for competitive advantage.
- Being open to ideas from anywhere & committed to work things out.

Our Service

When a breakdown occurs, our technical, Electrical and mechanical person are on call or reach at site for both online and onsite correction.

Our Service : To respond you within 24 hours

We are passionate about extraordinary customer service. We provide complete support to our customers regardless of the age of their machines and where they are located. All technology updates will be fully retrofit table / replaceable onto existing machines to extend the life and investment of our customers' equipment.

The heart of our commitment flows from our highly skilled people dedicated to the design, manufacture, sales and service of machineries. We provide the resources and working conditions to encourage the growth and development of every employee, so our employees, in turn, offer their full commitment and talent serving our customers.



Dry Mortar Plant

We are leading manufacturers and suppliers of Dry Mix Mortar Plants which are employed in various industries. Our Dry Mix Mortar Plants have a very fine efficiency with a very less power consumption. Dry mix mortar is also called pre-mixed mortar, which made in the factory by precise batching and uniform mixing. It can be used directly just by adding water in construction site. It has different properties though adding different additives.

We PNEUCON Heavy Projects provide 5-50 Ton per hour Dry Mortar Plant According Customer's requirements.

Low capacity low cost, we will provide you cost effective solutions as your requirement.

We can provide you turnkey solution of dry mortar mixing equipment from working site planning to dry mortar machines, transportation, installation and training, after-sales services, life time technical support etc.

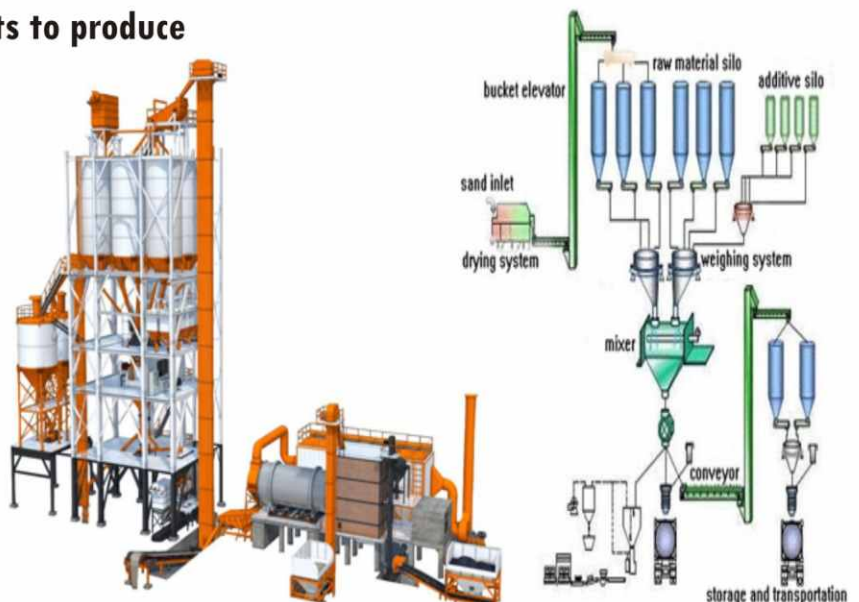
Fully automatic dry mix mortar plant mainly suitable for the capacity of more than 30 tons per hour.

The automatic dry mix mortar plant has a simple design, small footprint, small investment, quick effect, continuous production, and high output.



Use Dry Mix Mortar Plants to produce

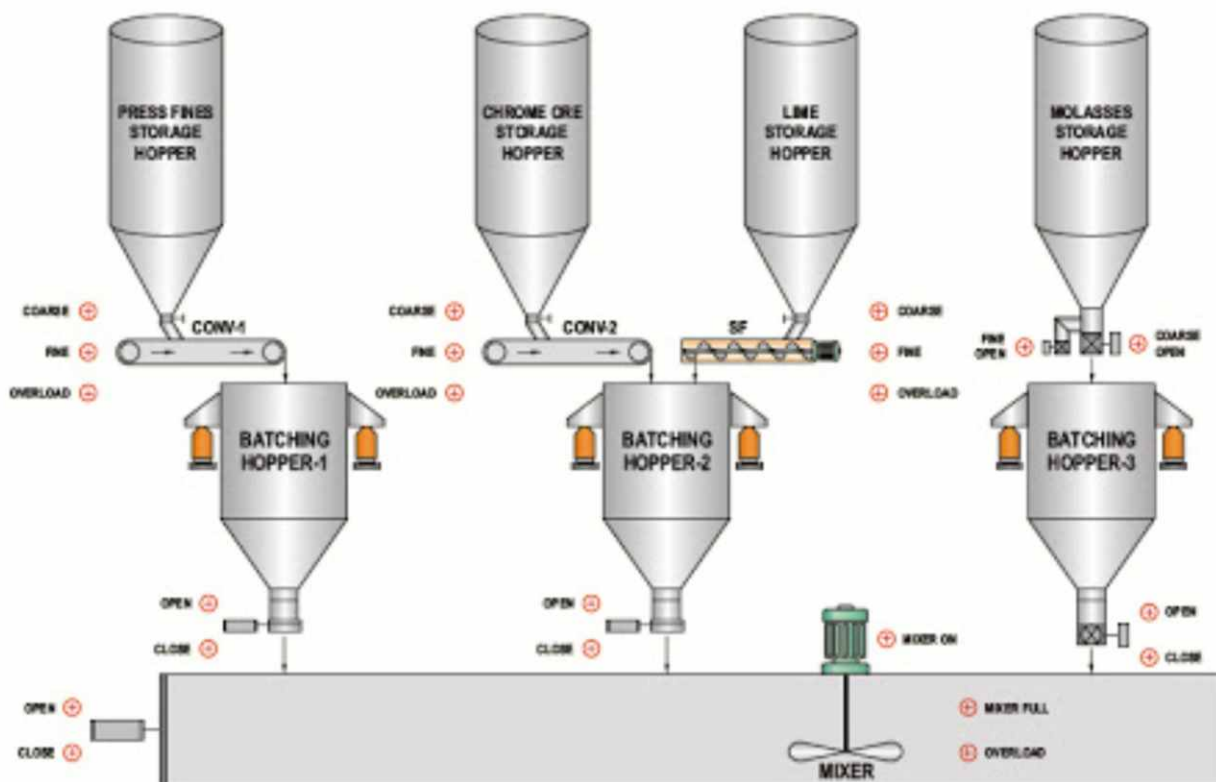
- Thin bed joining mortar
- Masonry Mortar
- Putty
- Rendering Mortar
- Colored Decoration mortar
- Tiles & Slabs plasters
- Water proof plasters
- Concrete Masonry mortar
- Weather proof plasters
- Internal lime plasters
- External plasters



Automatic Batching Weighing System

Pneucn Heavy Projects are manufacturing a wide range of Automatic and Semi-Automatic Batching Systems that will improve the efficiency of your powder and bulk, or liquid, material handling process. Batching systems can also include Weighing and mixing operations, and other process equipment and controls. The Weight Batch Controller along with Weighing & Batching Panel can perform any complicated operation required for raw material Weighing & Batching, and is particularly suitable in multi-material and multi-hopper batching configurations.

PNEUCON Heavy Projects, Automated Batching Systems substantially improve the efficiency of powder materials handling. Custom-engineered systems increase output and product consistency, eliminate waste, and generate production data.



Automatic Depalletizing & Bag Emptying Machine

Our fully automatic standard bag-emptying machine empties granulate filled bags of 25Kg.

Pallets can manually be fed into the lift at the front or sides. After placing the pallet into the lift, the lift will transport the pallet upwards to a shuttle with integrated grippers.

The integrated grippers will grab a layer of 5 bags of the pallet and ride this to the emptying process.

Here the shuttle will drive the bags over rotating blades and a unique shaker system.

This unique shaker system will ensure that the bags will be emptied for 99.98%. the product will be collected in the product hopper.

After the emptying process the shuttle will release the empty bags into a bag hopper, this bag hopper is connected to a bin. Here the operator or other employees can take out the empty bags.

with these standard units, the main control cabinet is often mounted on the front or side of the frame, this gives you a good overview of the emptying process during operation via the HMI touch panel.

The capacity of these machines is between 10 and 30 tons per hour.

This depends on the configuration of the machine and the product.



Automatic Bag Slitting Machine

The PNEUCON Heavy Projects bag splitter is a versatile automatic bag emptying machine designed to automatically open bags, empty its contents and compact the empty bags in the continuous and dust-free handling of all types of single- or multi-layered bags.

Depending on the properties of the product and the condition of the bags, capacities up to 45 tons per hour can be obtained.

The Automatic Bag Slitter consists of integral feed conveyor, self-aligning rotary knives, rigid slitting chamber with bin vent filter, waste bag separator & compactor and discharge hopper.

Bag handling capacity ranges from 50 to 800 bags per hour of 20 or 50Kg bags.



Storage Tank / Mixing Tank

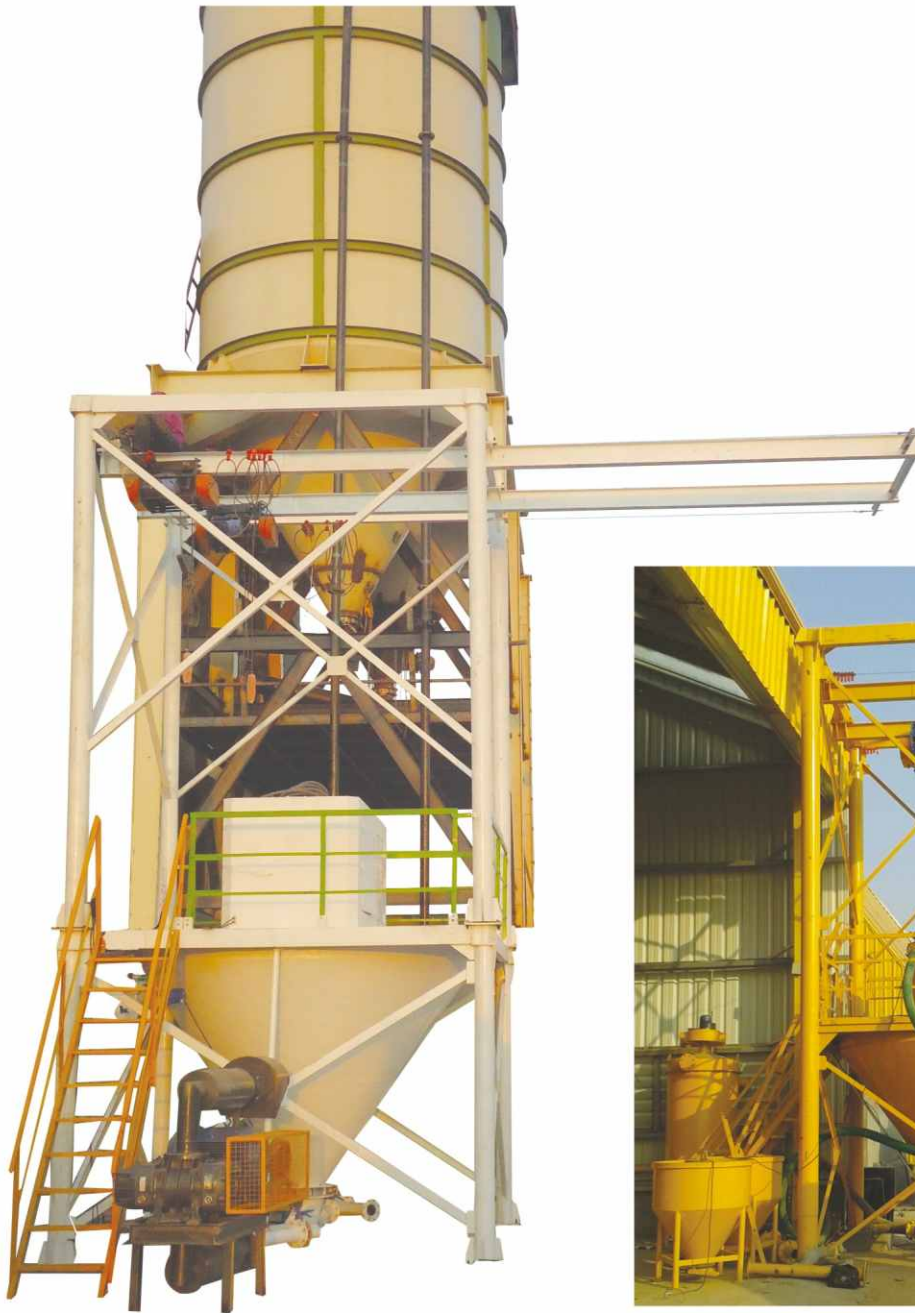
Manufacturer and Exporter Storage Tanks in various capacity. We, at PneuconHeavy Projects are specialists in the manufacturing of tanks like Bitumen tank, FO Tank, with Glasswool insulation, with cladding of Galvanized/SS or Galvalume sheet, we have the best range of Tanks to from 20 KL to 90 KL



Jumbo Bag Unloading System

We take great pride in our commitment to customer satisfaction and ensure that each and every design has the option to be customized where required. Especially for those industries that work with materials that need to be added in an assembly line system, our Jumbo bag loaders and the bulk bag unloading system are particularly useful. This system of loading and unloading large quantities of material requires engineering skills and each and every design from our range of machines for is tried and tested to eliminate any kind of design flaws.

The designs for the Jumbo bag loaders and the bulk bag unloading system are all tested and meet the required industry standards for weight balance and quality. At **PNEUCON**, we have a team of qualified designers and these all share a common goal with the company to ensure the best performance from their products and a consistent standard of results.



Jumbo Bag Unloading System Advantages

- Easy working
- User friendly

Dense Phase Pneumatic Conveying System

Dense Phase Pressure Conveying Systems generally use compressed air at above 1 Bar g to push materials from a Pressure Vessel (also known as a sender unit or pressure pot) through a pipeline to the destination where the air and product are separated by a filter or other system. The product extrudes through the pipeline, initially at low velocity, and gradually accelerating towards the destination.

Application: Dense Phase Pressure conveying system are particularly suitable for systems, which convey material at high capacities over long distance, to multiple destinations.



Pneumatic Vacuum Conveying System

All kinds of manufacturing industries and process need different kinds of pneumatic conveying systems and we at Pneucon Product to have the best the widest range of these systems. Different kinds of industries need different specifications when it comes to these pneumatic conveyors and we have something to match all requirements. Our conveyor systems are used in industries varied as pharmaceuticals, chemical industries, and various food industries and even in the packaging industry.



Plastic Granule Storage Silo and PP Silo Manufacturers

Plastic Silos are in demand everywhere plastics have to be stored quickly, efficiently and safely with optimum value for money. Construction and equipment are precisely adapted to the special requirements of the respective plastic storage product, e.g. concerning outlet diameter, cone bevel or geometry.



Stainless Steel Silo



Aluminium Silo



Mixer

We are manufacturing Twin Shaft, Planetary Mixer, Pan Mixer, Plough Share Mixer and Ribbon Blender Mixer. The complete ranges of Mixers are fully manufactured in our own modern manufacturing facility in Ahmedabad, India. Planetary mixers are used for mixing of the raw materials used for making concrete products like, fly ash bricks, pavers, hollow blocks, solid blocks terrazzo/mosaic tiles, design grooved tiles, paving blocks, heavy duty slabs, etc.

Application

- Pharma Industries
- PVC Resin Powder Mix
- Concrete Batching Plant
- Paint Industries
- In Processing – Putty, Plastering
- Food industries
- Chemical industries
- Pigment Unit
- Ceramics Industries

Mixer



Plough Share Mixer



Planetary Mixer



Ribbon Blender Mixer



Twin Shaft Mixer

Vertical Silo

Our Clientele and our Design Capabilities :

Choose from the vast range of Silo design that we offer. Our clients range from those in the pharmaceutical and chemical fields to those working with various mineral ores and petroleum products. Our Silo designs are also perfect for cement, coal, carbon black as well as for sawdust and wood chips. The Silos that we manufacture are also quality cleared for the food industry as well as are widely used in many of the byproducts in the industrial manufacturing process to be stored before effective disposal. Our Silo designs vary from the bolting Silo to the SS Silo and even one that is a Lime storage Silo with anti-corrosive properties and each individual design has a sealed top or ventilation and an outlet pipe where required.

A good Silo is determined by the product that it will hold or store and our designs for these Silos are different for different purposes. Our most popular designs are the Bag Silos as well as the tower and bunker Silos, each of these not only help in storage but also to transfer the stored product in a production process.

Our Expertise in Silos - Feel at ease when you approach us for your requirement for any kind of Silo. From a storage Silo to a lime storage Silo and even the most popular cement Silo, we have them all. Each and every Silo is manufactured using the best quality products and each design is tested for quality, durability and its individual ability to not only holds the required capacity but also to ensure that the material used in the manufacture of the Silo is the right one for the stored product.

Our experts are on hand 24x7 to help resolve any issue. Talk to our designers and engineers to select the best Silo for your industry or have one specially customized for your requirement.



Folding Silo

We usually pack silo bots in polypropylene bags. If the customer demands it, we also provide boxing arrangements. This should be specified before placing order. We manufacture bolted cement silos as well in myriad capacities. These are highly advantageous particularly during transit. For instance, 2 units, that is 100 tons of bolted cement silos can be transported effectively using just 1 TIR.

These bolted type cement silos parts are produced by drilling and specific laser cutting technologies. These technologies are deployed with a high-end surface cleaning process. These silos are then painted first with prime coating and then final coating.



Central Vacuum Cleaning System

However, to have a good Industrial central vacuum system is not a simple task, because of the variety of the dust and its quantity that can be very different in every application. The Pneucon Heavy Projects team provides customized vacuum systems, that can be used in all sectors. Food, cardboard, packaging, plastics and metal processing industries, clean rooms, laboratories, 3d printing, waste incinerators, car and car body workshops, wood, textiles, pharmaceuticals and automotive industries, lime, cement, plaster, glass, fertilizer and sugar industries, etc.

Working and manufacturing in a safe, clean and dust-free environment is an essential foundation to ensure the health of the workers and the quality of your final product.



Silo with Heavy Structural Steel Fabrication and Erection

We, at Pneucon Heavy Projects are specialists in the efficient management and the storage of bulk materials. Most industries today need well managed storage systems to keep products like food and industrial quality materials in stock or in storage until required.

Also, Pneucon Heavy Projects handles the entire fabrication and erection works such as the design, fabrication, supply and erection of steel structures. Steel frames are increasingly being preferred over concrete structures across the globe. Steel occupies less floor space than traditional concrete structures and steel structures can be pre-fabricated off-site and brought ready on-site saving time.



Pressure Vessel

Pressure Vessels are containers which are designed to hold liquids, vapors, or gases at high pressures, usually above 15 psig.

These vessels have a variety of purposes in the industrial market and the private sector. Hypothetically, pressure vessels can take many different shapes. However, the most common shapes are cylinders, spheres, and cones.



Dust Collector / Vent Filter

Pneucon Heavy Projects baghouse filter is built for large industrial dust collection applications and requires a support structure. This filter is a primary dust collector with bag section on top which uses reverse air for cleaning of the bags. Dust is pulled from inside the bags and blown back into the cyclone section at the bottom of the primary filter.



Our Other Products

- Belt Conveyor
- Screw Conveyor
- Cement Feeding System
- Bucket Elevator
- Sand Screening Plant
- Bulker Unloading System



PNEUCON

Heavy Projects Private Limited

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**Work Shop :**

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