



Committed to Quality & Performance

pneuCONVEYOR systems & engineers

Manufacturers of Vacuum Powder Transfer System, Pneumatic Powder Conveying system (Dense/Dilute phase), Tubular Chain Drag Conveyor, Screw Conveyor (Flexible/Fixed), Sifting, Milling, Drying, Mixing & Blending Equipments, Big bag loading/unloading, Silo Storage Systems & Weighing Batching systems



EXPERIENCE IN MOTION

We ARE A REPUTED COMPANY SPECIALISTS IN PLANT AND PROCESS AUTOMATION SYSTEMS FOR ALL TYPES OF INGREDIENTS HANDLING, PROCESSING OF INTEGRATED AND AUTOMATED POWDER PROCESSING SYSTEM AS PER GMP NORMS FOR PHARMA/ BULK DRUG/ FOOD /CHEMICALS/ CEMENT/ PAINT / PLASTIC/ FERTILIZERS AND OTHER INDUSTRIES.



For complete customized solutions in

- # PRODUCT TRANSFER / CONVEYING / CHARGING
- # MILLING & SIFTING
- # BAG/DRUM WEIGH FILLING
- # DUST CONTROL
- # PRODUCT STORAGE
- # MIXING / BLENDED
- # WEIGHING & BATCHING SYSTEM

Applications :

- # PHARMACEUTICALS
- # FOOD
- # CEMENT
- # FERTILIZERS
- # BULK DRUG
- # CHEMICAL
- # PAINT
- # DYES

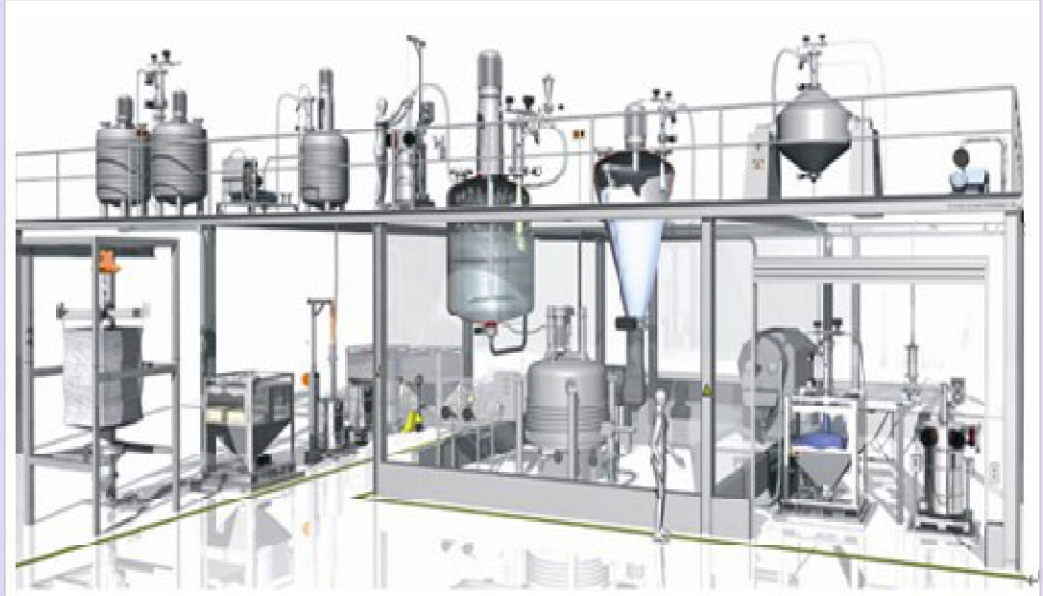
SPECIALIST IN AUTOMATION PLANT # PROCESS AUTOMATION SYSTEM # SPECIAL PURPOSE MACHINES



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PNEUMATIC POWDER CONVEYOR



pneuCONVEYOR is a manufacturer of custom pneumatic conveying systems and support equipment for conveying, vacuum conveying, batching, and weighing materials. With a pneuCONVEYOR- pneumatic conveying system on site, your company's product can move gently and quickly from point to point, with nothing in the way to impede the efficiency of its movement.



pneuCONVEYOR, specializes in the design & mfg. of complete integrated systems for pneumatically conveying & handling dry materials. the food & pharmaceutical industry demands equipments that will handle material with almost cleanness least possible degradation & minimum segregation.

pneuCONVEYOR offer many advantages over other means of handling Pharma powders, chemical powders, granules, food product, grain, fertilisers, paint powder etc. pneuCONVEYOR is an operator-friendly, sanitary pneumatic conveyor. Featuring simple, adjustable “air logic” controls, a rugged mechanism with auto cycle and self-cleaning filter (backwash), the pneuCONVEYOR is ideal for today’s processing environments.

DENSE PHASE CONVEYING SYSTEM

Dense phase conveying is a highly reliable pneumatic conveying system with a low velocity and a high product/air ratio, suitable to convey powders and granule. With Dense Phase Conveyors the product is introduced into the conveying line through a pressure vessel and is suitable to convey products from a single point to one or more receiving points.

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The system has following features :

- The material inlet valve provided with the system has a special inflatable rubber seal which is inflated with the help of air pressure on closure of the inlet valve, thus eliminating any chance of air leakage from the transporter top ensuring a 100% sealing at the vessel inlet.
- In our standard equipments & design range bends provided are of converging diverging type i.e. wherein bend area decreases (thus thickness increases) at the segment outlet, which keeps the material floating and unsettled, thus eliminating the chances of choking in the bend section.
- The transporter is fitted with fluidizing nozzles, which produce a swirling air phenomenon, thus helping in prevention of bridging problem from fine power & adhering problem by hygroscopic elements.

DILUTE PHASE (LEAN PHASE) CONVEYING SYSTEM

Dilute phase pneumatic conveying systems operate on the principle that the solids will be suspended in the conveying line air stream. This is achieved by feeding material in controlled quantity into a air stream. Generally velocities are greater than 20 mtrs per second and material to air ratios are up to .10 to 1. Material conveyed will be separated from air stream through Cyclone & Bag filter.



pneuCONVEYOR – Dilute Phase (Lean Phase) Pneumatic Conveying systems

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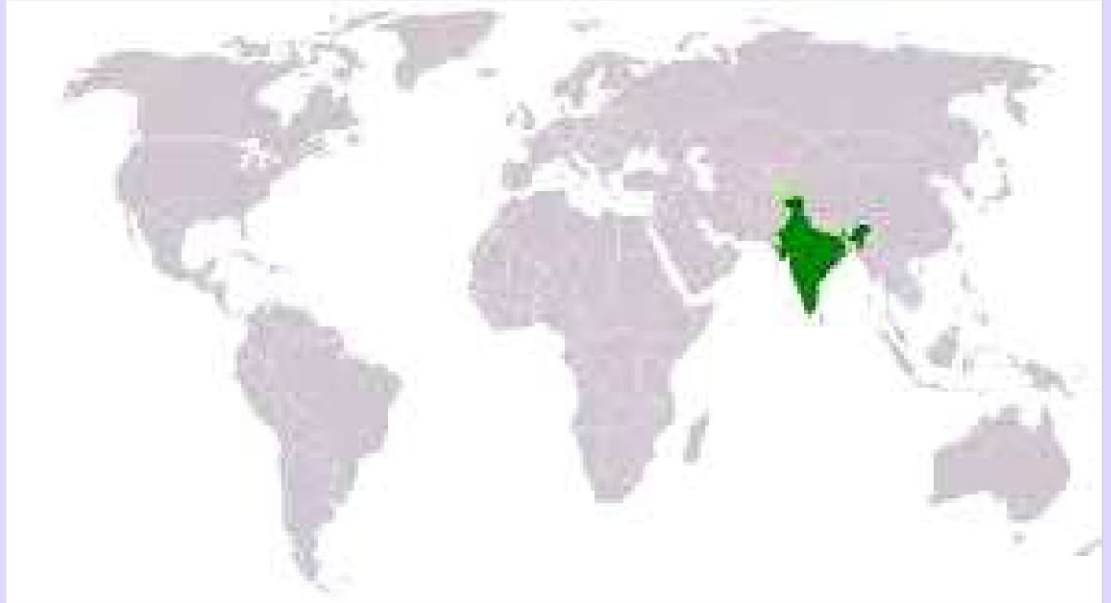
Commonly Conveyed products : Products commonly conveyed in Dilute phase systems include Pharmaceutical Powder, speciality chemicals powders, flours, resins and compounds, ground feeds, and granular and pelletized products. In many cases, the product needs to be evaluated based on process needs to final system selection to ensure the desired results can be achieved.



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