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# ON DEMAND ENGINEERING TECHNOLOGIES



**ODE  
TECHNOLOGIES**  
ON DEMAND ENGINEERING

**An ISO 9001:2015  
IEC/DGFT : AAHFO5344E**

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# COMPANY BROCHURE



**ODE  
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Multipage Corporate  
Company Brochure Design



”

**Good design  
is obvious.  
Great design  
is transparent**

”

Amost all quality improvement comes via simplification of design, manufacturing, layout, processes and procedures

-Tom Peters

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WE Undertake manufacturing, designing, drawing and consultancy services in various streams of Engineering services.

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”

We have become a very white collar workforce, and automation has become a necessity.

- Randy Breaux

# What we do?

## PRODUCTS

**BAG DUMPING STATION**

**BIN ACTIVATOR AND DISCHARGER**

**STORAGE SILOS & PRESSURE VESSEL**

**LUMP BREAKER & HEAT EXCHANGER**

**MIXERS, WEIGHING & BATCHING SYSTEM**

**PNEUMATIC & MECHANICAL CONVEYING**

**JUMBO BAG LOADING/UNLOADING SYSTEM**

**LIQUID HANDLING SYSTEM**

**POWDER HANDLING SYSTEM**

## ENGINEERING SERVICES

- ANALYSIS
- 3D MODELLING
- BENCHMARKING
- PRODUCT DESIGNING
- REVERSE ENGINEERING
- 2D DRAWING & DRAFTING
- 3D PRODUCT RENDERING
- MATERIAL HANDLING  
LIQUID/POWDER



01



02



03



04



05



06

# SCOPE OF MANUFACTURING

*ODE Technologies is a "solutions-oriented" equipment supplier, specializing in custom design and implementation of bulk material handling system in India. We are the top-notch manufacturer, supplier company that deals in the products like:*

- *Pneumatic powder conveyor (Pressure/Vacuum).*
- *Mechanical conveyor (Tubular chain drag conveyor / Screw conveyor).*
- *Fly Ash/Cement conveying system (Dense / Dilute Flow system).*
- *Bulk product handling system.*
- *Milling, Sieving, Mixing machines & Equipment.*
- *Storage Tank & Pressure Vessel.*

## QUALITY OBJECTIVES

*The organization is committed to achieve the quality objectives which are given below:*

- *To enhance customer satisfaction continually.*
- *To reduce the rejection and rework. Focus is on defect prevention rather than defect detection.*
- *To reduce machine breakdowns.*
- *To complete projects within the agreed duration.*

## WHY US?

### Quality Assurance

Infrastructure: The backbone of our organization is our sophisticated infrastructure, which enables us to manufacture top quality products in bulk, as per client's requirements and in time. Banking on our modern infrastructure, we efficiently design and manufacture impeccable range of Powder Handling Machineries & Equipment related to various industries. We are well versed with global trends & challenges in the industry, hence we have started developing a strong distribution network in India.

Our fair business deals and professional attitude has helped us to satisfy clients with varied needs in India. We successfully meet the deadlines set by our clients and deliver them on time. We strive to build a long-lasting relationship with our clients. We have association with some of the big names in the industry and our objective is to further expand our business horizon by venturing into the key international markets.



### QUALITY MANAGEMENT SYSTEM:

An emphasis is given to meet specific requirements of the customers to provide satisfaction & make concerted efforts to enhance continual improvements, technical expertise and human excellence by adopting total quality management in all spheres of the organization's activities.

### PROPER R&D

We, at ODE, manufacture innovative products to meet specific clients requirement and that has been our prime concern and business philosophy since the very beginning. The credit of innovative product range goes to our talented team of R&D personnel's, who analyze each & every aspect like market requirements, material compatibility, dimensional properties, form & function etc, and then develop designs & models of new innovative products. Our proper R & D has enabled us to continuously add new exciting products in our range, which provides us with that extra edge over the rest of the competitors.

To achieve high standards and quality of product, we have a reliable quality control department in our manufacturing unit. We also ensure that the quality is maintained at each and every stage of product development. All the finished products are keenly and thoroughly inspected and checked by Quality Assurance Department in order to ensure & achieve best quality. Continuous research and development is carried out and new quality control techniques are adopted.





## UNLOADING SYSTEMS

ODE TECHNOLOGIES is specialized in supplying Bulk Bag Discharging Systems. We design and manufacture equipment ranging from a single Bulk Bag Unloading Frames to a complex Discharging System with provisions to weigh, convey, and control with state of the art PLC controls. Integral dust collection systems are available to control dust during the unloading cycle.



## MIXERS

ODE TECHNOLOGIES –delivers quality mixing and processing Equipment's/ Plants to Food, Pharmaceutical, Chemicals, mining and minerals, metals, waste water treatment, paint and coating, pulp and paper, Biopharmaceutical, Cosmetic and Allied Industries.



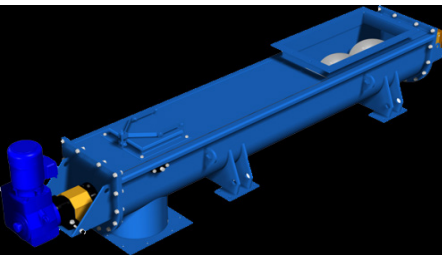
## PNEUMATIC CONVEYING

ODE TECHNOLOGIES is a manufacturer of custom pneumatic conveying systems and support equipment for conveying, vacuum conveying, batching, and weighing materials. With the ODE TECHNOLOGIES - 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.



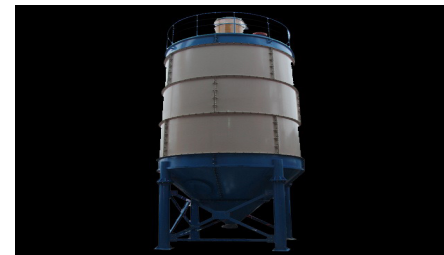
## LUMP BREAKER

ODE TECHNOLOGIES Lump Breakers are functional, economical and designed to tear through most materials and reduce them down in size as small as 1/16" without generating excessive dust. Our Lump Breaker design is proven to provide a simple and efficient process of reducing compacted materials into a smaller and controlled granulated product allowing for more efficient and effective product handling by downstream equipment.



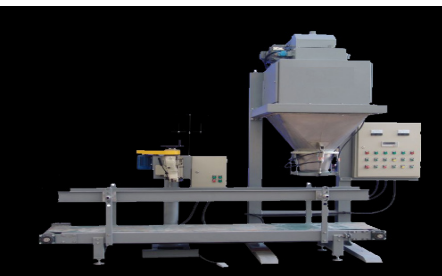
## MECHANICAL CONVEYING

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



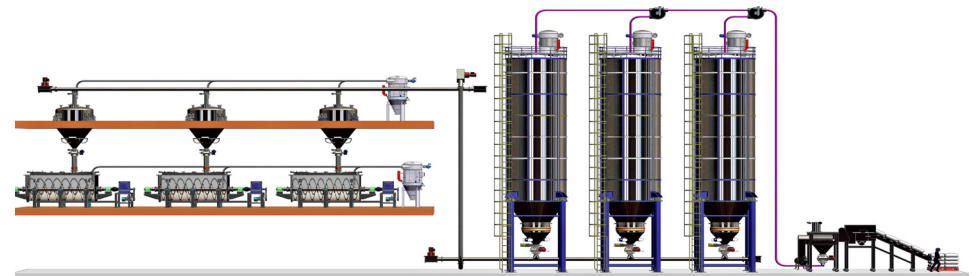
## STORAGE SILO

ODE TECHNOLOGIES – metal Silos are precisely designed according to the world-class standards & specifications for long-term storage of varied Pharma, Bulk Drug, Chemicals, Food, Grains and Cereals, Plastic & Paint and other materials such as coffee beans, cotton, etc. while maintaining their unhindered quality.



## BAG / DRUM FILLING

ODE TECHNOLOGIES – Jumbo Bag, Small Bag Fillers insure fast, dust free and precise filling of Bags. Available in a variety of configurations this ruggedly constructed filler allows its operators to easily insert, fill and remove bags. From simple volumetric filling to calibrated weighing, the ODE TECHNOLOGIES –Bag Filler is the unit that is custom built for your application.



## 2D DRAWING & DRAFTING

# Air Pollution Control System



BAGHOUSE dust collectors are a type of fabric filter air-material separator employed for particulate removal from manufacturing and other industrial operations to keep dust and solid particulates from entering the workplace or being released to the atmosphere

**BAGHOUSE**



SS Vessels are fabricated as per set with industry norms and specifications. We are able to provide a high-quality range of SS Vessels to our clients. These vessels have won immense appreciation from our clients spread across the domestic markets. Featuring high storage capacity and durability.

**SS VESSELS**



ECONOMIZER or flue gas heat recovery unit is a heat exchanger that is installed on the stack of boiler. It is designed to recover heat that would be otherwise be wasted. Economizers can be installed during a new boiler installation or retrofit on an existing system.

**ECONOMIZER**



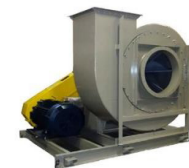
Steam Piping provides a means of transporting controllable amounts of energy from central, automated boiler house, where it will be efficiently and economically generated, to the point of use.

**STEAM PIPING**



Acoustic Hood enclosures are made from high quality raw material with combination of rock wool/ foams of different combinations to suit customer requirements. These enclosures are designed with CAD/CAM techniques for minimum insertion loss or for meeting ambient noise standards.

**Acoustic Hood**



Blower is a device that enhances the air flow in a workspace effectively and efficiently using an electric motor, impeller, and air foils. The purpose and function of industrial blowers is to be a permanent addition to a workspace to increase airflow and remove contaminants, dust, dirt, and particulate matter.

**BLOWER**



Chimney is a tall structure used to ventilate or exhaust off all gases generated during the combustion of fuel. Although it may be self-supported or supported by ropes but its primary function is just to vent off poisonous or harmful gases at a height.

**CHIMNEY**



Cyclones are a technology that uses cyclonic separation as its method of removing particulates from air, gas or liquid stream, without the use of filters, through vortex separation.

**CYCLONES**



Dust Collector is a system used to enhance the quality of air released from industrial processes by collecting dust and other impurities from air or gas. Designed to handle high-volume dust loads.

**DUST COLLECTOR**



Effluent Treatment Plant (ETP) ensures that any contaminant will be expelled from the water making it reusable. mostly used in chemical, pharma, textiles, tanneries where there is a chance of extreme water contamination.

**EFFLUENT TREATMENT PLANT**



Scrubbers are air pollution control devices that use liquid to remove particulate matter or gases from an industrial exhaust or flue gas stream. This atomized liquid (typically water) entrains particles and pollutant gases in order to effectively wash them out of the gas flow.

**SCRUBBERS**



Sewage Treatment Plant (STP) is a type of wastewater treatment which aims to remove contaminants from sewage to produce an effluent that is suitable for discharge to surrounding environment or and intended reuse application.

**SEWAGE TREATMENT PLANT**

# MECHANICAL, ELECTRICAL & PLUMBING (MEP)



## Public Health Engineering

- Conceptual / P & I Drawing Showing location of all Plumbing Utilities viz. STP, UGWT, OHT, OWC.
- Sewerage Layout.
- Storm Water Layout
- Toilet Layout
- Underground and Overhead Tank Layout along with sleeve details
- Terrace Rain Water Layout
- Hydro pneumatic System Details
- Rising Main Layout
- Rain Water Harvesting. Tender along with Technical Specifications



## Electrical System

- Complete design of internal & external installation, working of power load as per user's requirements. Preparation of detailed budget.
- Design of sizes of cables, transformer, HV/LV panels etc.
- Co-ordination with Architect / Landscape consultants as well with your office.
- Preparation of Tenders / call RFQ's, finalization of contracts and negotiation with the contractors / suppliers, to control investment in electrical works as per budget.
- Generator selection, testing & preparation of various auto change-over schemes.
- Design of building automation system, LAN / Wi-Fi connectivity on internet.
- Consulting in improvement of power factor of bulk consumers & reduction in harmonics. Periodic site inspections & quality check on workmanship of contractor.
- Assisting in purchasing better quality material at economical rates.
- Space planning for economic design for layout of transformer, energy metering panel / boxes etc.
- Check R.A. / Final Bill of electrical contractors and justifying the same with respect to work done.
- Ensuring the completion of work for safety and No Compliant from end user.
- Issue of Blue Prints to contractors, architects/Electrical Inspector, Site Engineers, State Electricity Board and finally to users/property managers.
- Assisting Electrical contractors in technical discussion with local electricity boards for power load sanction/ approvals.
- Testing of installations done by electrical contractor



## Fire Fighting & Alarm System

- Court Yard Hydrant Layout
- Fire Alarm System
- Shaft Details
- Fire Alarm Layout
- Sprinkler Layout
- Underground Tank Layout
- Tender along with Technical



## Industrial Piping

- Cooling Water Systems.
- Compressed Air Piping System
- LDO Piping System.
- LPG Piping System



## Building Automation System

- This Includes Design and Drawing of all following systems as per relevant codes.
- Preparation of I/O Summary



## Low Voltage System

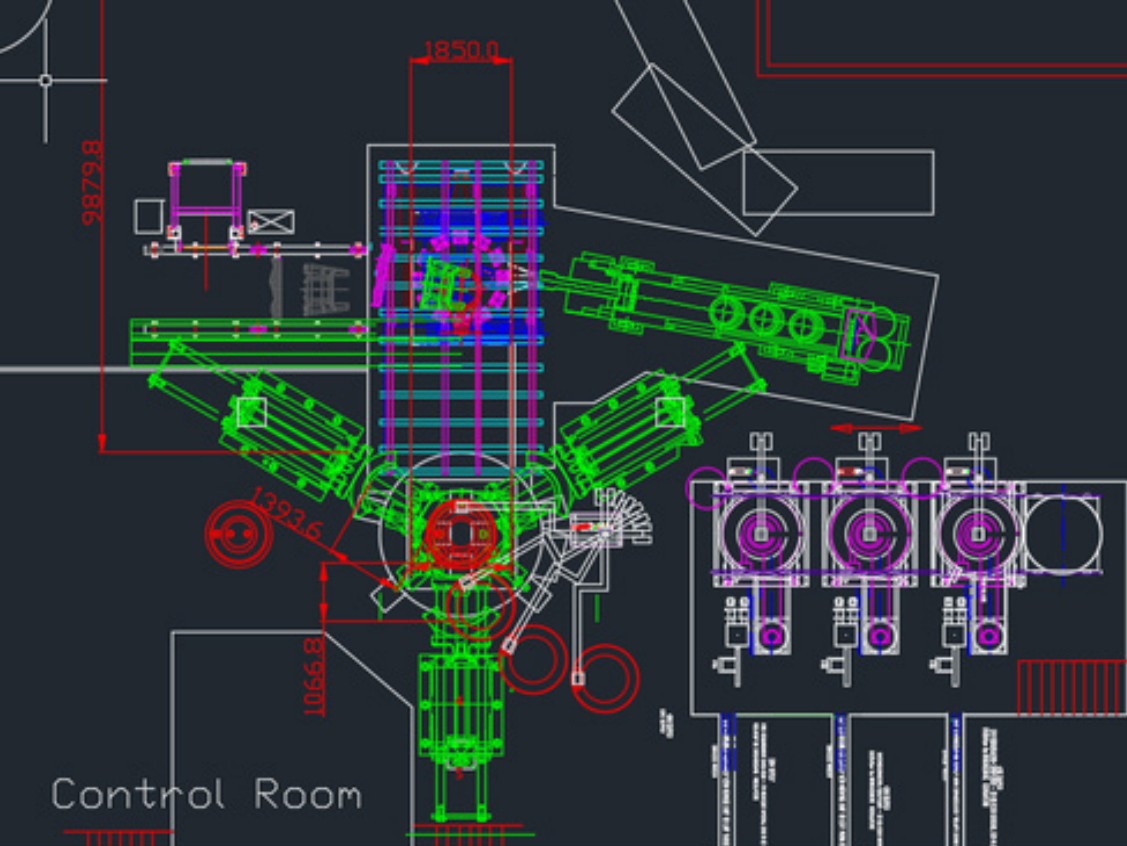
- CCTV Surveillance System
- Access Control System
- Computer Networking
- Intrusion / Security System
- PA System



## Working Segement

- Residential
- Business Buildings (IT Park, Office Buildings)
- Commercial Buildings (Shopping Malls, Multiplex etc.)
- Auditorium
- Industrial & Automobile Sector
- Hotels
- Hospitals
- Institutes





## About Us

ODE – began its activities in the year 2020 in the field of Pneumatic & Mechanical Conveying Systems. The company has specialized since its origins in the production and use of Pneumatic conveying & related machineries and then, over the year, extended the products & range of machinery such as Pneumatic Dense Flow conveyor (Ash conveyor / Cement Conveyor) Vacuum powder transfer system, Mixing & Bagging Machinery, Mechanical Conveyor such as (Tubular Drag Conveyor / Aero Mechanical Conveyor).

These services cover all activities involved in a project right from concept to commissioning.

ODE systems & engineers – with its head office at PUNE, is fast becoming one of the best emerging company in India with operational experience in execution of turnkey projects in the field of bulk Powder (fine/Coarse) conveying system for Chemical Industry, Food Industry, Pharma Industry, Coal based Power plants, Cement Industry, Pesticides Industry, Paper Industry, Plastic Industry, Paint Industry, Foundries & other core sectors.

ODE has good experience in execution of complete Powder / Granules / Fly Ash / Bulk solids Handling System in medium to large sectors on turnkey basis. This includes design & engineering, manufacture & supply, site fabrication & erection & associated structural works.



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ON DEMAND ENGINEERING



**Success  
seems to be  
connected  
with action.**



### VISION

Be the company that best understand and satisfies the product and service, by globally offering a sustainable, Resilience and innovative customized product/ solution for many people and organizations



### MISSION

To be a Promising Global Organisation for the development, validation and supply, of every Demanded Products