

Making The World Safer, Healthier & More Productive...



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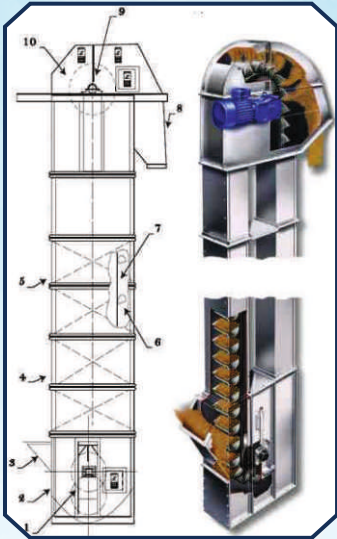


Office : 22, Manthan Estate, Vatva, Ahmedabad - 382445.

Plant : A3 Sikotor Estate, Vatva Gidc Phase 4, Ahmedabad - 382445.



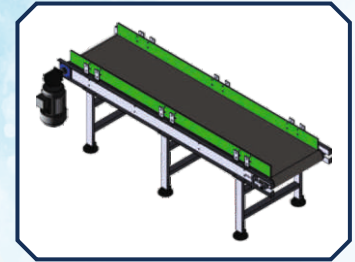
BUCKET ELEVATOR



1. Boot Take-up	6. Bucket
2. Boot Assembly	7. Chain/Belt
3. Inlet	8. Discharge Port
4. Inspect Door	9. Pulley/Sprocket
5. Middle Casing	10. Head Casing

- Used to transport bulk material vertically or on very high inclinations.
- Can handle pulverized, granular or lumpy materials.
- For hot materials & coarse grained materials Chain type Bucket Elevators are suitable.
- For high speed handling Centrifugal Discharge Bucket Elevators are used.
- For high rates of handling Continuous Bucket Elevators are used.

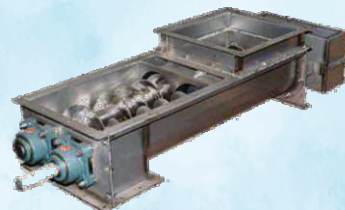
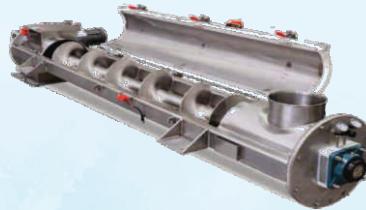
BELT CONVEYOR



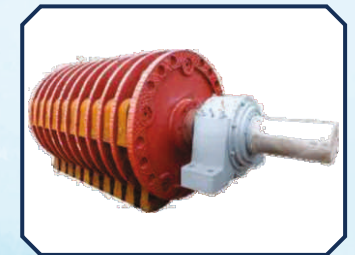
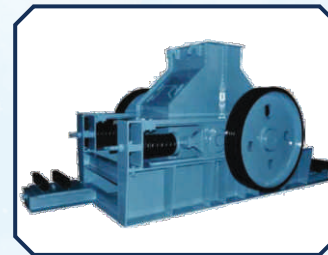
- Smooth and continuous transportation of bulk materials and goods.
- Ideal for industries like mining, manufacturing, agriculture, and logistics.
- Available in various sizes, lengths, and load capacities.
- Built with high-quality materials for long-lasting performance.
- Low power consumption with high operational efficiency.
- Reduces manual labor, improving productivity and safety.
- Options for speed control, incline/decline angles, and safety sensors.
- Compatible with modern automation systems for seamless integration.
- Modular design for quick assembly and minimal downtime.
- Low maintenance requirements for uninterrupted operations.

SCREW CONVEYOR COMPONENTS

- Screw feeders are useful to assist bin / hopper unloading and in producing uniform / metered feed. The pitch of the screw is kept variable in order to produce uniform draw of material across the entire hopper opening.
- The design of a Screw feeder resembles to that of a Screw Conveyor closely but unlike a screw conveyor, a screw feeder is required to be very precise and accurate. While in a Screw conveyor the screw is filled to the extent of 30% to 40%, in a screw feeder the material completely fills the screw. This is the reason why the material is discharged with uniform and controlled rate and the rate can be varied by controlling the speed of rotation of the screw.
- Apart from metered feed, one of the important applications for using a Screw Feeder is where the material is dusty or toxic and hence requires an enclosed device.



CRUSHERS



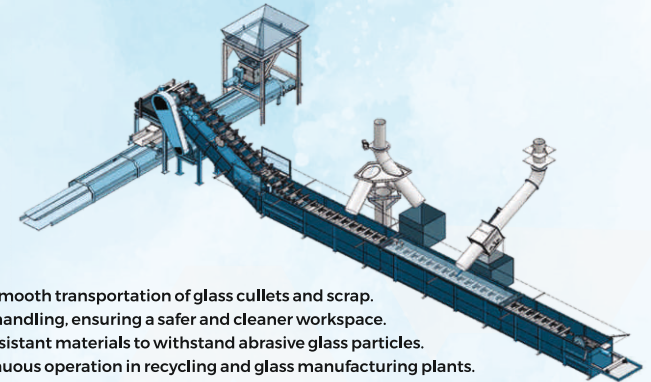
- Crushers are used to reduce the material to a uniform size or to a graduation of size for immediate use or for further processing.
- Though there are many types of crushers to be used depending on the application, we manufacture crushers for fuel handling systems. We manufacture single rotor type hammer crushers, also known as Knittel.

HEAVY STRUCTURE ENGINEERING WORKS



- Precision-engineered heavy structures for industrial and commercial applications.
- Built using premium-grade materials for strength and durability.
- Tailor-made designs to meet specific project requirements.
- Expertise in structural frameworks, platforms, bridges, and industrial sheds.
- Equipped with modern CNC machines, welding, and cutting tools for precision.
- Ensuring high structural integrity and load-bearing capacity.
- From design and fabrication to installation and maintenance.
- Strict quality control measures for flawless execution.
- Construction, power plants, oil & gas, infrastructure, and manufacturing industries.
- Capable of handling large-scale and complex engineering projects.

CULLET SCRAPER CONVEYOR



- Designed for the smooth transportation of glass cullets and scrap.
- Reduces manual handling, ensuring a safer and cleaner workspace.
- Built with wear-resistant materials to withstand abrasive glass particles.
- Suitable for continuous operation in recycling and glass manufacturing plants.
- Available in different sizes, lengths, and configurations.
- Options for inclined, horizontal, and Z-type conveyors to fit specific needs.
- Equipped with easy-to-replace scrapers for minimal downtime.
- Designed for long service life with reduced maintenance costs.
- Enhances recycling efficiency by optimizing cullet recovery.
- Reduces waste disposal costs and supports sustainable operations.

COMPLETE BATCH HOUSE SYSTEM FOR GLASS PLANTS



- Automated storage, weighing, mixing, and transport of raw materials.
- Ensures precise ingredient proportions for consistent glass quality.
- Designed to meet specific production capacities and plant layouts.
- Suitable for all types of glass manufacturing, including float, container, and specialty glass.
- Advanced weighing and dosing systems minimize material waste.
- Optimized processes reduce energy consumption and improve productivity.
- PLC and SCADA-based systems for real-time monitoring and control.
- Remote operation capabilities for seamless plant management.
- Durable construction for long-term reliability.
- Easy maintenance with minimal downtime for continuous operations.

VIBRO SCREEN



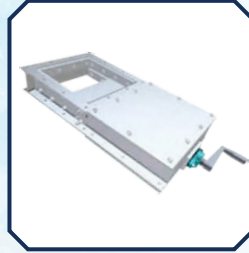
- Used for grading material by size
- Can also be used for washing material, dewatering, descaling or any combination of these operations.
- Suitable to screen wide range of products such as Sand and Gravel, building materials, Minerals, Ores, Pellets, Sinter, Coal, Coke, Pet Coke, Lignite, Limestone, Dolomite, Chemical Products, Fertilizers, etc.

AUTOMATIC SLIDER GATE



- Available in mild steel (MS), stainless steel (SS 304/SS 316), and aluminum for durability and corrosion resistance.
- Heavy-duty frame and blade construction for high strength and long service life.
- Manual, Pneumatic, Hydraulic, or Electric Actuated options for smooth operation.
- Single & Double Slide Gates for enhanced flow control.
- Standard and custom sizes available (ranging from 6" to 48" or more).
- Flange connections as per ANSI, DIN, or custom standards.
- Can be designed for rectangular or circular openings.
- Dust-tight & spillage-free design with neoprene, rubber, or Teflon seals.
- Options for zero-leakage slide gates for fine or powdery materials.
- Used in cement, mining, food processing, agriculture, chemical, and recycling industries.
- Ideal for controlling the flow of bulk materials like grain, sand, gravel, cement, and powders.
- From design and fabrication to installation and maintenance.

MANUAL SLIDER GATE



CUSTOMIZED PRODUCT SOLUTION



- Designed to meet specific industry requirements and applications.
- Fully customizable in size, capacity, and features.
- Engineered with advanced technology and premium materials.
- Ensures durability, efficiency, and superior performance.
- Optimized solutions to maximize productivity and minimize costs.
- Scalable designs that grow with your business needs.
- Compatible with existing systems for smooth workflow.
- Smart automation options for enhanced efficiency and control.
- Professional guidance from concept to execution.
- Dedicated after-sales service and technical assistance.

ROTARY VALVES



- Ensures consistent and controlled discharge of bulk materials.
- Ideal for industries like food processing, pharmaceuticals, cement, and chemicals.
- Made from robust materials like stainless steel or cast iron.
- Designed to handle abrasive, sticky, or fine powders efficiently.
- Maintains system pressure and prevents air leakage.
- Essential for pneumatic conveying systems and dust collection.
- Available in various sizes, rotor types, and configurations.
- Options for wear-resistant coatings and temperature-resistant designs.

DUST COLLECTOR



- Efficient Dust Filtration : Captures fine dust particles, improving air quality and ensuring a cleaner workspace.
- High Suction Power : Provides strong airflow for effective dust extraction from woodworking, metalworking, or industrial processes.
- Large Capacity : Features a sizable dust collection bag or bin to minimize frequent emptying and maintenance.
- Durable & Low Noise Operation : Built with sturdy materials for long-lasting use while maintaining quiet performance.
- Easy Installation & Mobility : Designed for quick setup with caster wheels or wall-mount options for flexible positioning.