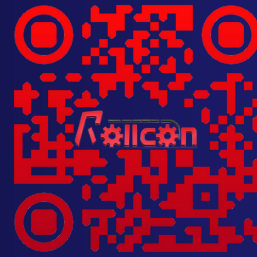




Portfolio

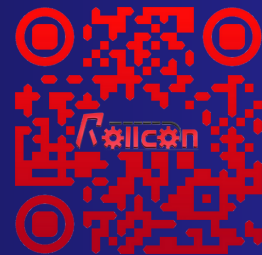


Clientele : The Ivy League

Popular choice amongst the leaders of the various sectors :

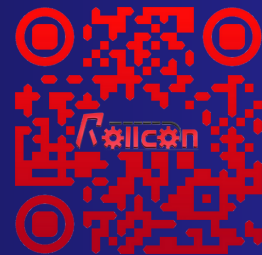
- Power Sector
- Mines & Minerals
- Steel Plants
- Cement Plants
- Food Processing
- Textiles
- OEMs
- Sugar Plants
- Paper plants
- Distilleries
- Tyres
- Ports



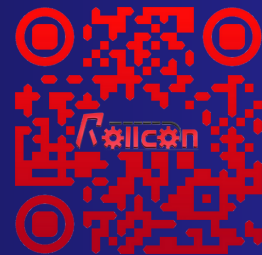
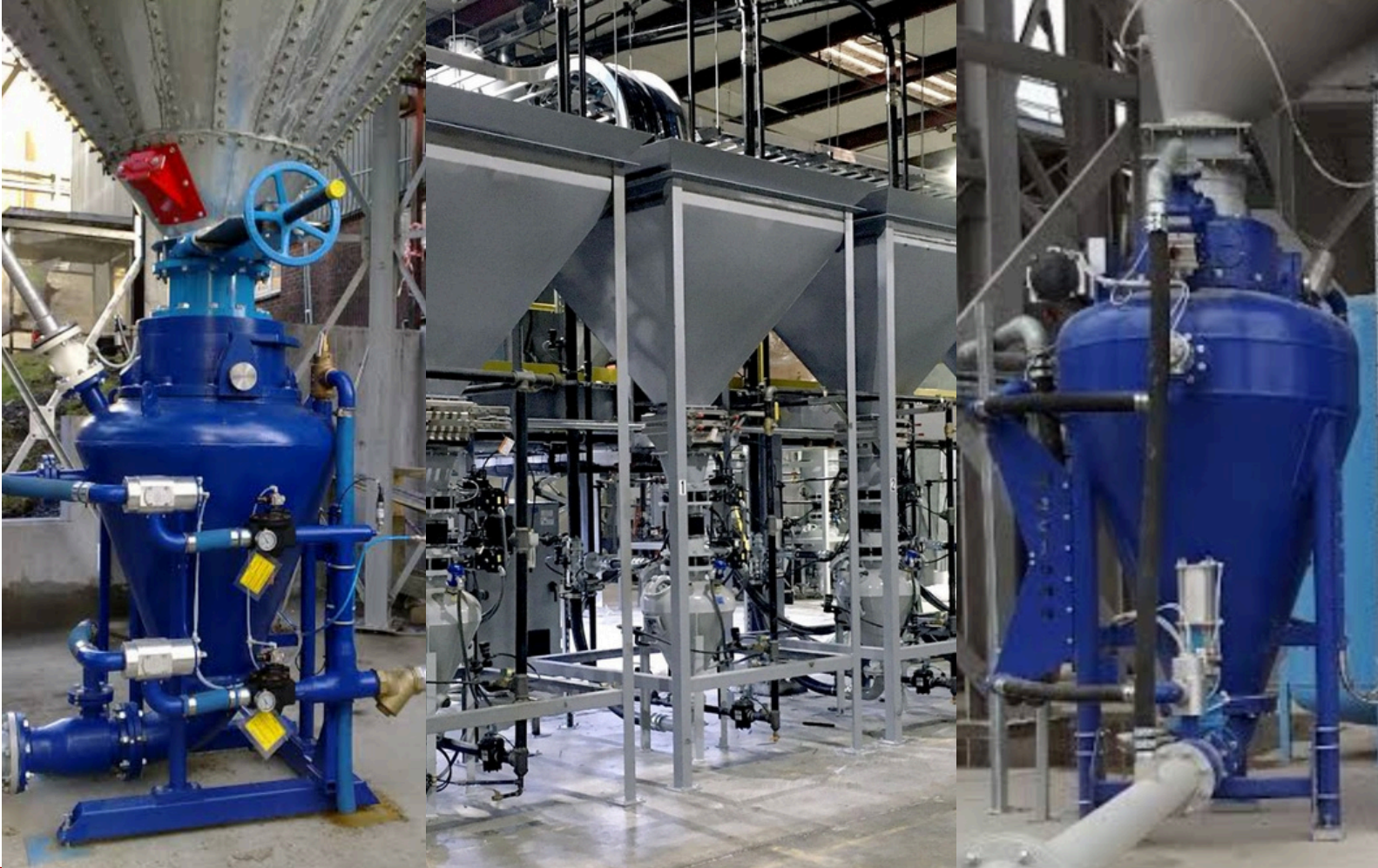
Conveyor Circuits : The Engineering Marvel

- Space & Budget constraints are resolved successfully by Rollcon's efficient circuit design team.
- Optimum Space utilization not only ensures that the budgets are kept under check but also saves on valuable land foot print which ensures that there is enough left to fit in other essential buildings or spaces which are deemed impossible by following conventional design philosophies.
- Hybrid Conveyors : Certain circuits are further optimized using the hybrid conveyors which cut down the overall land footprint to as low as 50% in many cases.



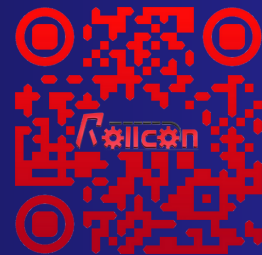
Belt Conveyors : **Efficient Bulk Material Handling**

- Enclosed Galleries: Shield your materials from external elements, ensuring contamination-free transport.
- High Capacity: Carry bulk materials efficiently over long distances with ease.
- Dust & Noise Control: Minimize environmental impact and create a safer working environment.
- Customization: Tailored solutions to meet your unique needs.
- Reliability: Trust in a system that works seamlessly, even in challenging conditions.



Pneumatic Conveying : Dust Free Plants

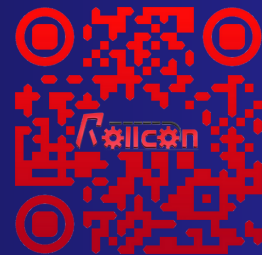
- High Capacity: Efficiently convey bulk materials with ease.
- Low Velocity: Minimize wear on conveyed materials and equipment.
- Complete Monitoring : PLC driven for pin-point system health monitoring.
- Material Quality: Hybrid Alloys specially crafted for abrasion resistance.
- Reduced Energy Consumption: Energy-efficient operation for cost savings.
- Environmental Responsibility: Minimize dust emissions and environmental impact.



Biomass Conveying : All Biomass Handled

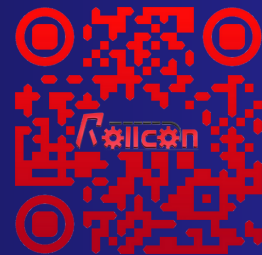
With one of the widest varieties of Biomass Conveying experience, Rollcon is the leader in the field, Explore the extensive list of Biomass Types handled :

- Rice Husk
- Bagasse
- Spent Wash
- Wood Chips
- Briquettes
- Pellets
- Saw Dust
- Soybean Shells
- Cotton Stalk
- Julie Flora
- Mustard Husk
- Coconut Shells
- Paddy Straw
- Coconut Fibre
- Municipal Solid Waste
- Cowdung Cakes
- Ingesta
- Jute Stalk
- Bamboo Twigs
- Groundnut Shells
- Shredded Pine



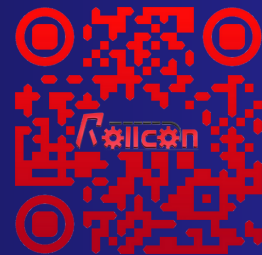
Travelling Trippers : Multipoint Discharge

- **Accurate Material Discharge:** Precise distribution of materials at multiple points.
- **Robust Construction:** Durable build for long-lasting performance.
- **Efficient Material Distribution:** Streamlined operations for improved productivity.
- **Reduced Material Spillage:** Minimize waste and contamination risks.
- **Reversible :** Boosts designing a Bi-Directional Travelling Tripper which can be fed from both sides yet Discharge at multiple points like a normal tripper.



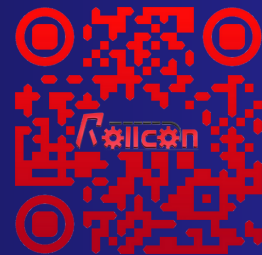
Idlers : The Heart Of Material Handling

- Precision Engineering: Crafted with precision for optimal performance.
- Durable Materials: Built to withstand wear and tear, ensuring longevity.
- Low Maintenance: Reduced downtime and maintenance costs.
- Reliability: Count on consistent and trouble-free conveyor operation.
- Extended Lifespan: Idlers that stand the test of time.
- Efficient Material Handling: Smooth and reliable conveyance enhancing productivity.



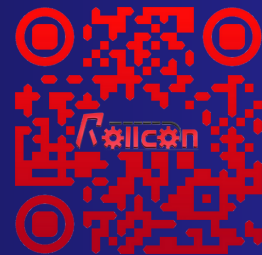
Hood Covers : Protecting Conveyors

- Robust Construction: Built to withstand harsh environments and protect your conveyors.
- Dust & Noise Containment: Minimize dust emissions, promoting a cleaner & quieter workspace.
- Weather Resistance: Shield your equipment from the elements, reducing wear.
- Extended Lifespan: Protect conveyor components, leading to reduced maintenance costs.
- Safety Assurance: Create a safer work environment for your personnel.
- Environmental Responsibility: Minimize material spillage and contamination risks



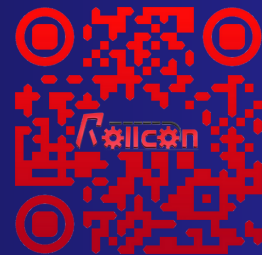
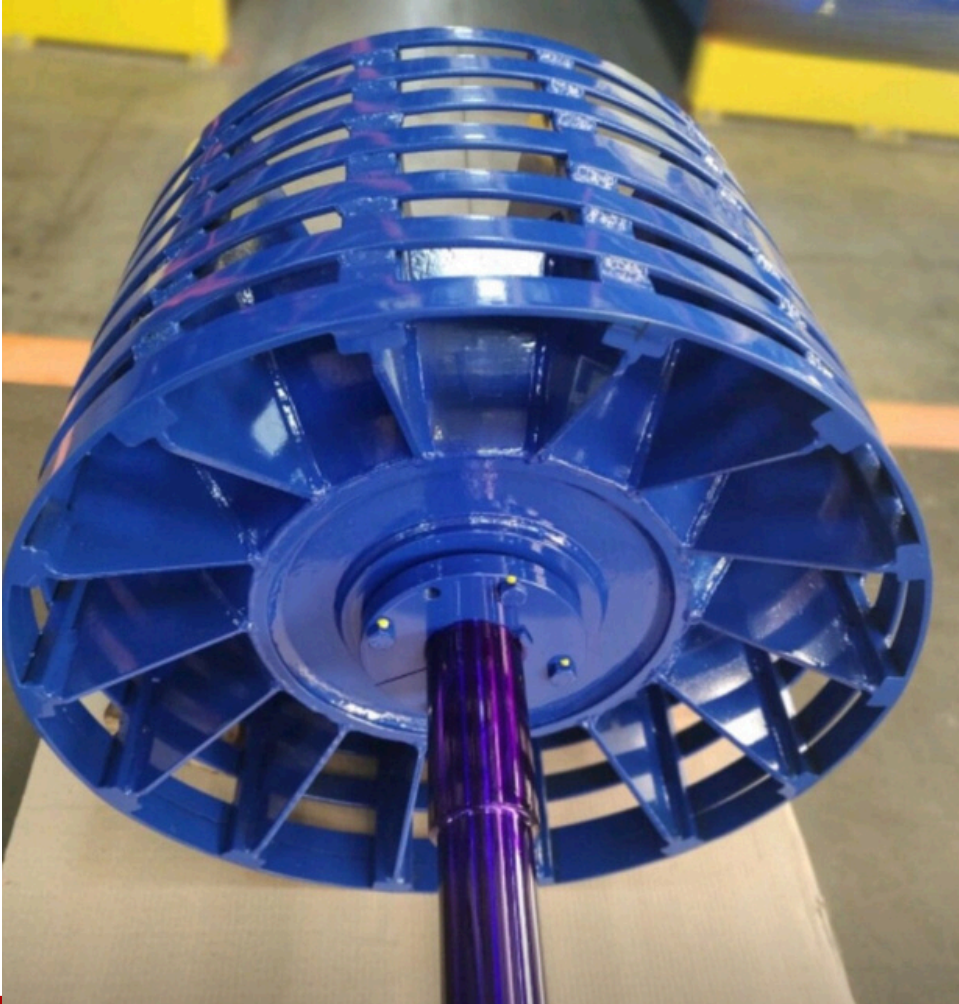
Steep Angle Conveyors : New Heights

- High Incline Capability: Effortlessly handle steep angles, optimizing space usage.
- Customized Options: Tailor your conveyor to suit specific requirements.
- Space Efficiency: Maximize your operational space with vertical and inclined transport.
- Reduced Spillage: Minimize material loss and contamination, enhancing resource efficiency.
- Hybrid Design : Steep angle conveyors are hybrid conveyors combining the benefits of Belt conveyors & Bucket Elevators.



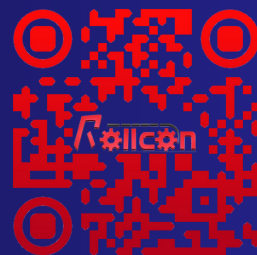
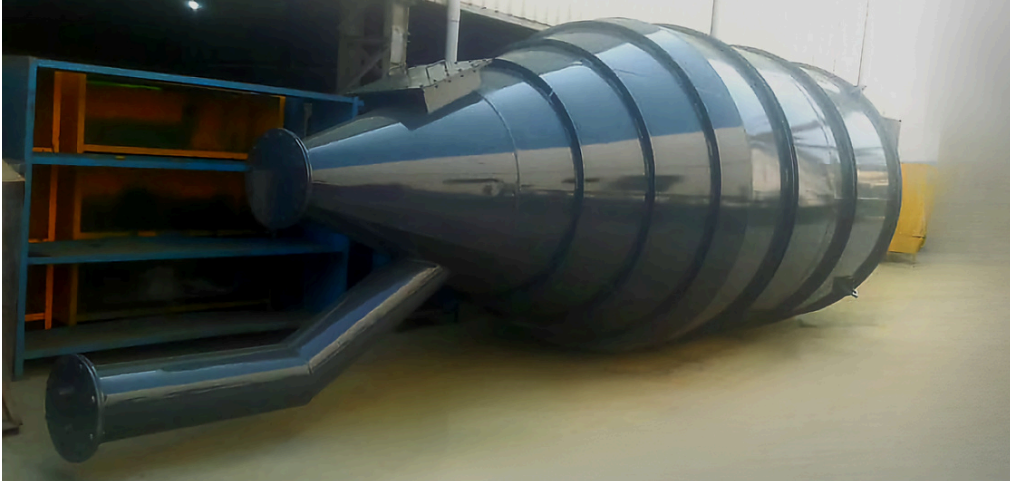
Screw Conveyors : Engineered Precision

- Powders & Pellets Conveying made easy
- Hollow Cooled Shaft: Water-jacketed design to maintain material temperature where temperature reduction is needed
- Customization: Tailored solutions for unique requirements.
- Durable Build: Robust construction for long-lasting performance.
- Efficiency: Smooth conveyance for enhanced productivity.
- Abrasion Resistance: Special material selection ensuring longer resistance against abrasion.



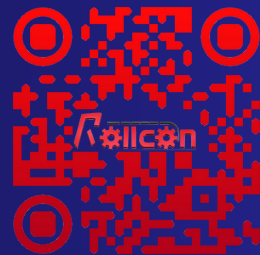
Conveyor Pulleys : The Drive for Efficiency

- Durable Construction : The pulleys are built to last extra long
- Precision Engineering : This eliminates the losses due to friction and other drag forces
- Balanced Design : A well balanced pulley's life lasts 3-4 times more than one that is not.
- Optimal Diameter : Rollcon owns proprietary softwares to calculate the optimal diameter based on CEMA standards.
- Lagging or Coating : Rubber Lagging or Ceramic coated, both options available.
- Customization : We also take orders to deliver on customized applications



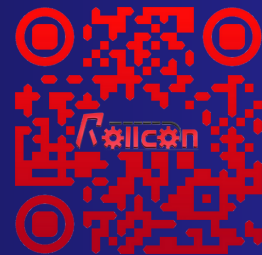
Cement & Ash Silos : Storage solved

- Robust Construction: Durable materials for long-lasting storage.
- Customizable Options: Tailored silo solutions for your specific requirements.
- Efficient Material Flow: Smooth discharge for consistent material handling.
- Optimized Storage: Maximize your material storage capacity.
- Reduced Material Loss: Minimize waste and contamination risks.
- Reliability: Trust in consistent material flow and storage.



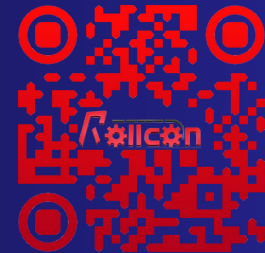
Aggregate Conveying : Rocks & Minerals

- Robust Construction: Built to withstand the rigors of aggregate handling.
- High Capacity: Efficiently transport aggregates over long distances.
- Customization: Tailored solutions to match your specific requirements.
- Enhanced Productivity: Streamlined material handling for improved efficiency.
- Reduced Material Loss: Minimize waste and contamination risks.
- Reliability: Count on consistent material flow and transport.



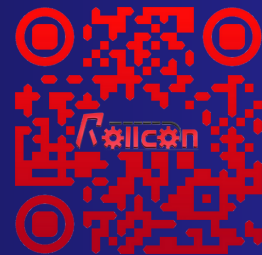
Bale Handling Systems : Green Fuel

- Zero Spillage: Skirted conveyors designed to prevent material loss.
- Flexible Feeding: Handles bales of various sizes with ease.
- Extended Length: Longer feeding sections ensure smooth, uninterrupted operations.
- Multi-Industry Use: Ideal for thermal power, paper, biofuel plants, and distilleries.
- Built to Last: Designed for continuous, heavy-duty performance in demanding environments.
- Global Expertise: Proven performance with over 700 projects worldwide.



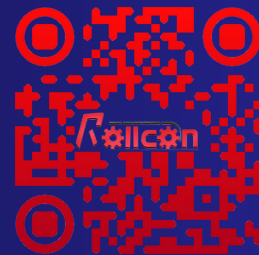
Trommel Screens : Agro Waste + MSW

- Customized Design: Tailored solutions to meet specific needs for different materials and capacities.
- Effective Separation: Achieve uniform material quality through efficient separation of sizes.
- High Versatility: Suitable for diverse applications, including municipal waste, aggregates, and refuse-derived fuel.
- Optimal Performance: Handles materials with up to 30% moisture content, ensuring seamless operation.
- Durability & Reliability: Robust construction for long-term use in demanding environments.
- Noise and Dust Reduction: Enclosed design minimizes environmental impact and creates a safer work environment.



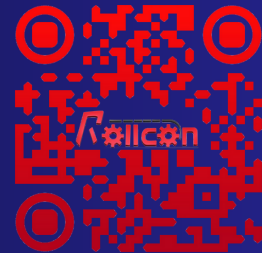
Coal Handling Plant : Efficient & Dust-Free

- Innovative Design: Engineered for minimal land footprint, optimizing space and project efficiency.
- Streamlined Operations: Features pre-assembled sub-units for quick and easy erection on-site.
- Cost & Efficiency: Transparent product selection process ensures the best value.
- Comprehensive Integration: Delivers seamless coal transfer from unloading to the boiler house.
- Safety & Reliability: Dedicated project management ensures in-process coordination and a safe working environment.
- Diverse Applications: Suitable for thermal power, paper, cement, and steel plants.



Woodchips Handling System **: Versatile & Durable**

- Robust Conveyors: Ensures smooth, jam-free chip flow and minimizes blockages.
- Heavy-Duty Design: Withstands bulk, fibrous loads specific to woodchip materials.
- Energy-Efficient Operation: Lowers long-term operational costs through optimized power consumption.
- Proven Reliability: Trusted in biomass, paper, and particle board plants.
- Reduced Product Degradation: Gentle handling mechanisms preserve chip quality.
- Customizable Solutions: Tailored to integrate seamlessly with existing plant layouts.



Rollcon's Presence : **where the magic begins**

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