

Bulk
Material Handling

Vecoplan[®]



Bulk Material Handling Systems Conveyors - Feed Systems

Vecoplan innovations and solutions for bulk material handling for a vast array of applications including material transport, metal detection, metered feed systems, loading / unloading and storage solutions.

Vecoplan Material Handling

Solutions For Your Material Handling Needs

In addition to engineering and manufacturing the finest shredding equipment available, Vecoplan applies the same philosophies to the design and manufacture of a comprehensive range of material handling equipment. Vecoplan's experience in a wide variety of applications means that the right material handling system for your needs will be designed and manufactured to your specifications.



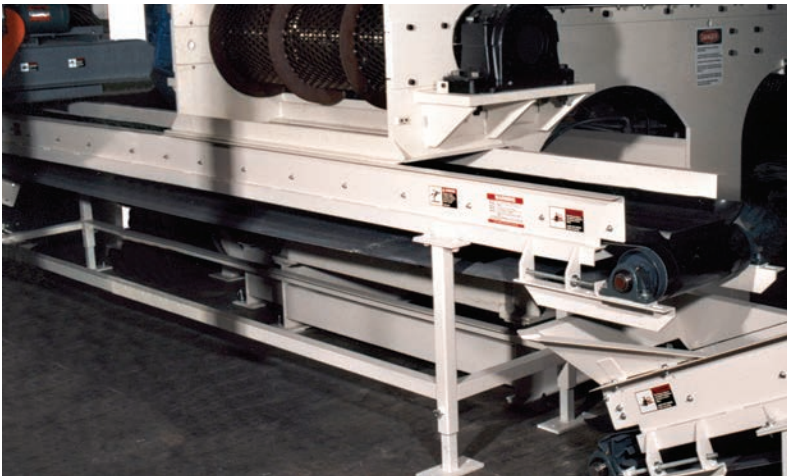
Belt Conveyors

Emphasis on Design

In addition to our extensive standard selection, Vecoplan designs and manufactures belt conveyors to custom specifications for virtually every industry. We offer a full spectrum of styles, options and configurations, from individual belt conveyors to complete systems, as well as a variety of accessories that accompany them.

Vecoplan Conveying Systems' experience in handling products such as wood, plastics, paper, municipal waste, etc. ensures a properly-sized and configured conveyor for handling any bulk material. All of our conveyor systems are of heavy-duty construction to reduce maintenance and extend the life of the equipment.

Vecoplan excels in application engineering. Careful attention to detail during the engineering phase eliminates costly installation and operation errors. Our primary goal is to meet or exceed our client's performance expectations with quality machinery.



Options

Flanged Inlet Load Hoppers

Load hoppers are available for non-enclosed conveyors. Engineered to guide incoming material flow onto the belt, load hoppers bolt on top of the belt conveyor structure. The chute sides can be inclined or vertical to suit customers' applications.

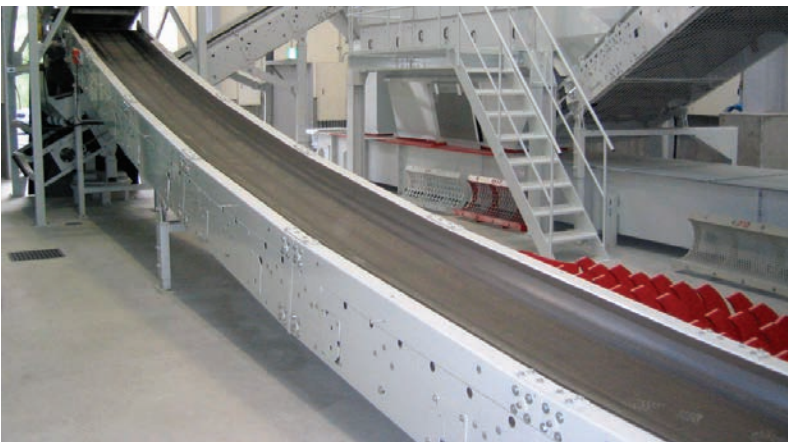
Drip Pans

Essential for belt conveyors running in areas where delicate machinery or people may be underneath the conveyors, fabricated drip pans are designed to keep material on the carrying (if there are no deck plates), and return runs, from falling below the conveyors. For totally enclosed belt conveyors, gaskets are provided to ensure that drip pans are dust-proof.



Standard Belt Conveyor Covers

We offer a variety of standard conveyor covers. These covers are designed to protect the belt, material and idlers from the weather and other contaminants. Conveyor covers also protect the belt from being sun-dried and damaged, in addition to protecting the idler rollers and belt from freezing.



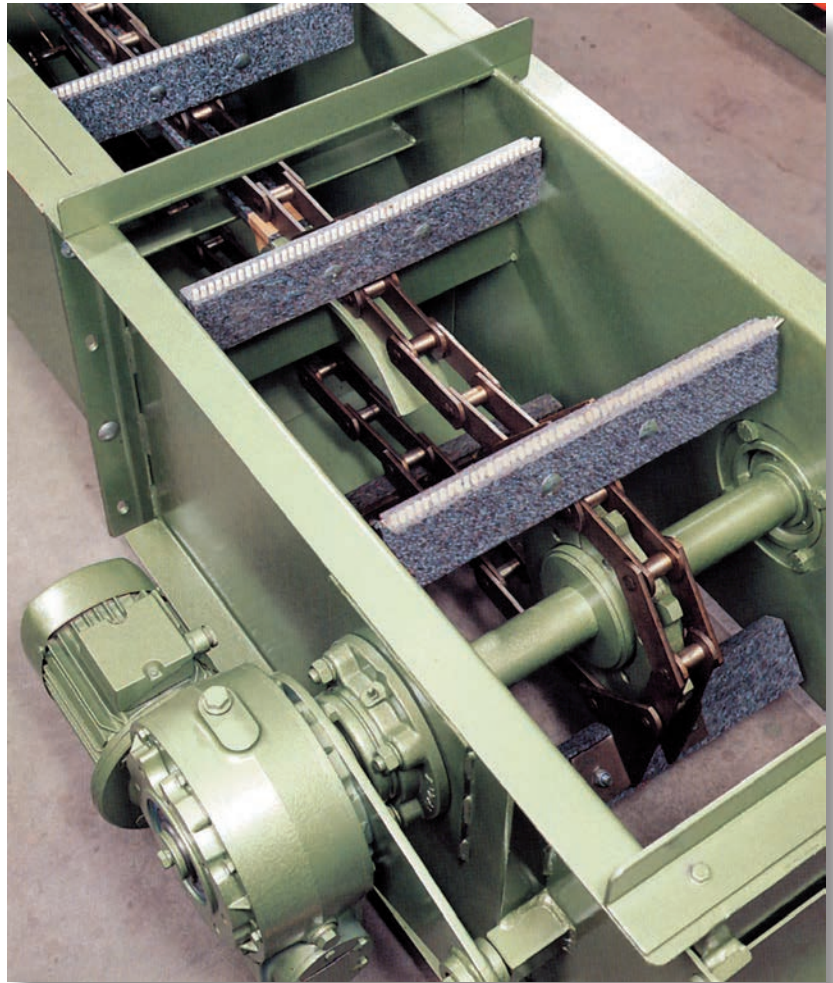
Drag Chain Conveyors

Flexibility

Vecoplan drag-chain conveyors offer the ideal solution for difficult material conveying. The modular design allows for limitless adjustments in horizontal, vertical and diagonal installations.

Motorized slides, outlets and funnels provide variable and accurate metering to different storage locations, balers, or other down stream equipment.

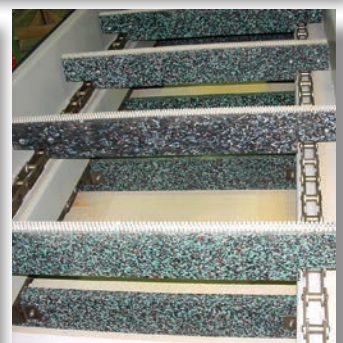
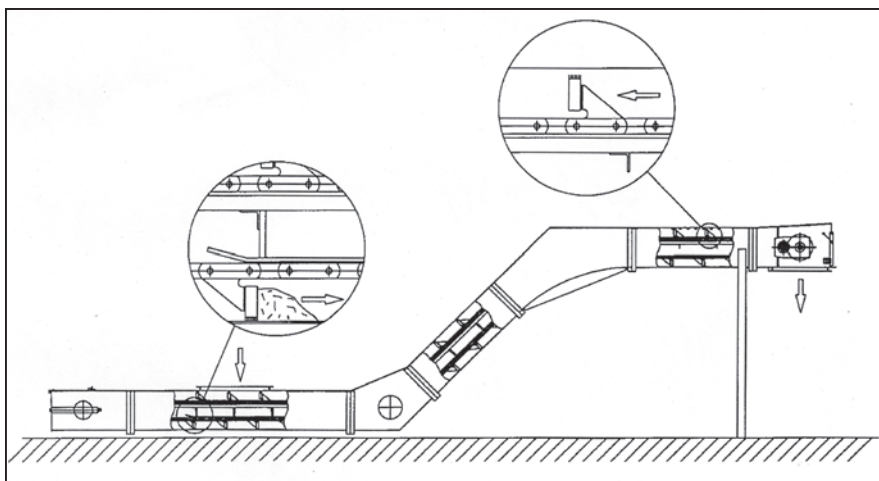
Offering the most flexibility in a durable, rugged package, Vecoplan Drag-Chain Conveyors offer made-to-order solutions for nearly every conveying problem.



Drag Chain Conveyor installation for long distances.



Drag Chain Conveyor installation for steep inclines.



Vibratory Conveyors

Alternative Solutions

Vecoplan's standard line of vibratory conveyors, combined with Vecoplan's custom design expertise, provides an infinite range of options and configurations to meet any application need. Precision engineered, and manufactured of heavy-duty components to the highest quality control standards, Vecoplan vibratory conveyors eliminate installation problems, operate flawlessly and minimize maintenance costs.

Flexibility

- Custom designs for any application
- Wide range of functions served
- Standard and custom options
- Systems efficiency
- Choose the right type of vibratory motion for your product and function
- A wide range of system engineering, process control and applications testing services are available for specific processing needs



Vecoplan vibratory conveyors are constructed with extreme-duty components. Powerful motors are oversized to ensure optimal performance under heavy loads. Heavy-duty coil springs are designed with durability and long wear in mind.



Loading / Unloading Equipment

Emphasis on Handling Material

With decades of experience across a gamut of industries and applications, Vecoplan is uniquely positioned to provide loading and unloading solutions for large volumes of bulk material on a continuous basis. Vecoplan systems deliver balanced loading of trucks and containers through lifting, sinking, and movable chain conveyors. Complete filling and emptying of storage containers is achieved easily, economically, and automatically.



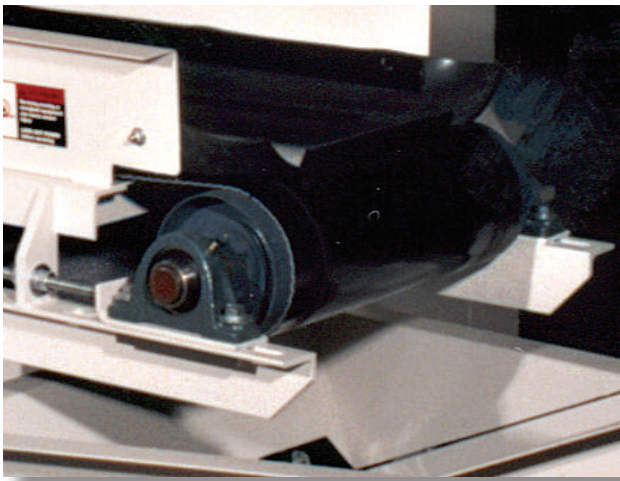
Whether round or square, Vecoplan chain discharge devices are the ideal solution for virtually every work load and every container.



Magnetic Separation

Cross Belt Magnets

Vecoplan cross belt magnetic separators remove ferrous contaminants such as tramp metals, including nuts, bolts, wire and banding from material being processed. Cross conveyor magnets provide a large area of coverage delivering a continuous self cleaning operation. A durable cleated belt transports ferrous contaminants into a collection bin.

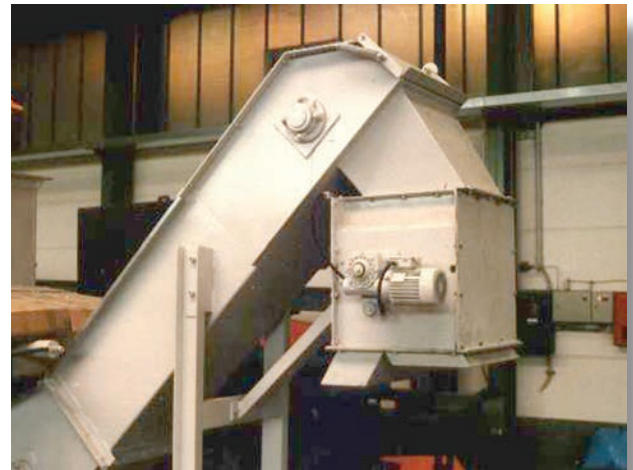


Magnetic Head Pulleys

Vecoplan magnetic head pulleys provide a convenient method of ferrous separation with virtually no footprint at all. Incorporated into the conveyors themselves, magnetic head pulleys separate ferrous materials as they travel along the end of the conveyor, and are then dropped into a separate container.

Rotary Drum Magnets

Vecoplan Rotary Drum Magnets are used when a high volume of material needs to be separated, and when the separation process is too abrasive for cross belt magnetic separation. Drum separators provide a larger operating surface increasing the material throughput rate, and can have either an internal permanent or electro magnet system depending on the application.



Eddy Current Separation

Designed for the separation of non-ferrous metals, Vecoplan Eddy Current Separators efficiently separate aluminum, copper and magnesium from waste streams. Eddy Current Separators are increasingly used wherever separation of non ferrous metals from a product stream can give a more valuable product, whether the end use is in recycling, reduction of waste, raw material production or any other process where separation is beneficial.

Complete Turn-Key Systems



Vecoplan designs, engineers, manufactures, sells, and installs complete material handling systems. Vecoplan also provides start-up, training, and complete parts and service support for their systems after the sale.

Vecoplan's extensive experience in a broad range of industries, working with an expansive array of materials and applications, enables us to deliver the most efficient, cost-effective, and technologically advanced systems on the world market today.

Whether your need is for one simple piece of equipment, or a complex system configuration, Vecoplan provides the ultimate in material handling solutions!



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