

Auxiliary  
System Components

*Vecoplan*<sup>®</sup>



## Auxiliary System Components System Enhancements

Vecoplan auxiliaries designed to maximize the productivity of any system or application

# Vecoplan Auxiliaries

## Solutions To Enhance Your Existing System

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 auxiliary equipment to add value to your current operation. 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.



# Material Feeding

## Custom Feed Hoppers & Hoods

Vecoplan manufactures custom hoppers for virtually every material feeding requirement. For example, Vecoplan manufactures a specialized tilt hopper that allows feeding of long, linear scrap into a vertical feed machine. Over-sized hoods control dust and keep material from being thrown from the hopper. Hoppers with customized slots for fork-lift loading are also available.



## Tippers / Cart Dumpers

Designed to simplify material loading from Gaylord boxes, Vecoplan box dumpers add efficiency to any material handling stream. Other designs such as cart dumpers, extra-wide box dumpers and lifters are also available.

## Metering Bins

Vecoplan manufactures automatic metering bins to control material feed from high-volume waste streams. Material flow is precisely regulated via a variable speed chain belt and a variable speed drum at the discharge end.

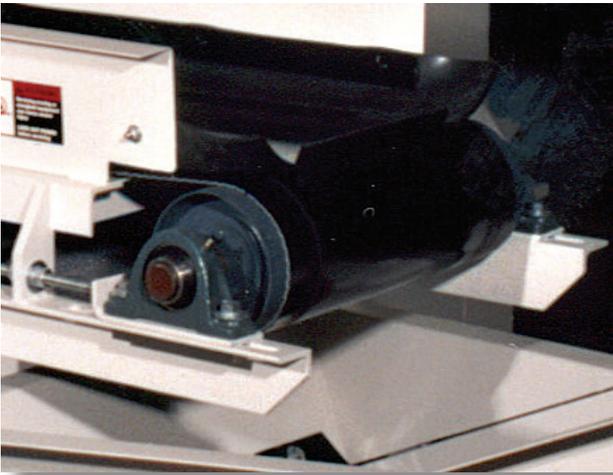
- Provides up to 20% more system capacity and throughput
- Insures a consistent flow of feed material to the shredding system
- Maximizes system sorting and screen efficiency
- Prevents delays for the loader operator
- Heavy duty construction for low maintenance operation



# 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.



# Screening Technologies

## Oscillating and Vibratory Screeners

Vecoplan offers a wide range of screening technologies for the screening of up to four different fractions within one aggregate. Our screening equipment allows removal of coarse pieces and integration in conveying sections, all with efficient screening on minimum surface.



## Disc and Star Screeners

For the efficient separation of fine particles.



## Trommel Screens

For medium capacities up to 100 cu. m. per hour. Installation above storage boxes is possible, with up to four fractions going directly into silos.



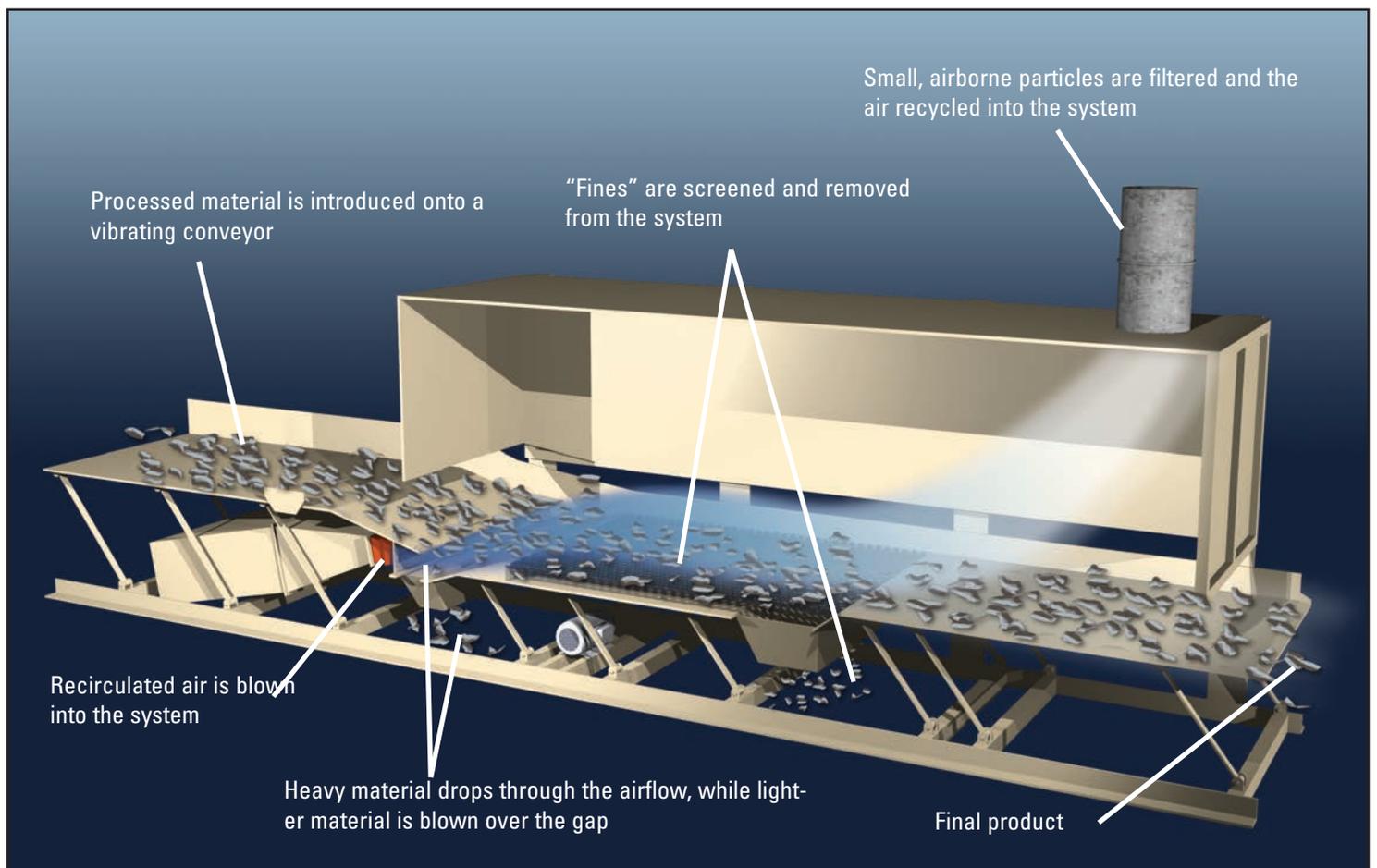
# Air Classifiers



## Cross Stream Separator

For the separation of low density fraction out of pre-shred production waste, mixed construction waste, plastic waste from the pulper as well as municipal and industrial waste. The final product is a high calorific fuel which can be re-shredded and pelletized.

- Main Dimensions: (l x w x h): 7,300 x 2,500 x 2,800
- Fan Motors: 2 x 30 kW
- Air Flow: 2 x 20,000 m<sup>3</sup>/h
- Conveyor Motor: 2,2 kW
- Air Amount to be Cleared: 4,000 m<sup>3</sup>/h
- Voltage: 400/3/50, 125 A
- Exhaust: approx. 4,000 m<sup>3</sup>/h
- For stationary installations we recommend mounting a filter unit above the cross-stream-separator



# Bulk Material Handling

## Pneumatic Equipment

Whether it be an industrial dust collection system, or full-blown pneumatic discharge equipment, Vecoplan offers a variety of pneumatic solutions to fit your needs.

## Screw Conveyors

Vecoplan screw conveyors are the ideal solution for conveyance of fine materials.

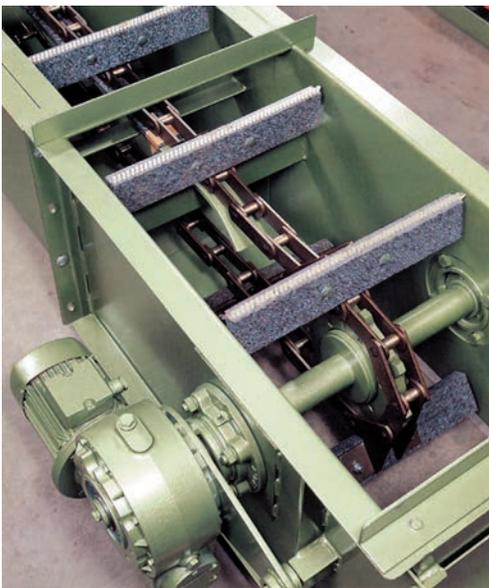
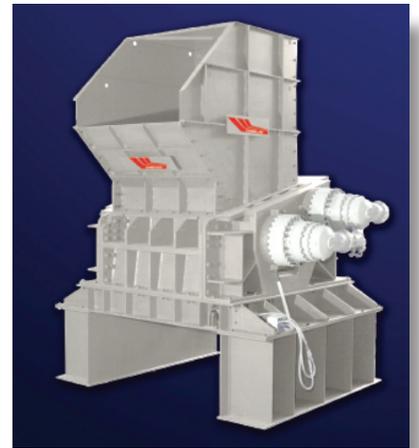


## Granulators

For further processing of material, granulators supplied by Vecoplan give complete control when processing material down to uniform, small pieces. Vecoplan offers a wide selection of granulator sizes for every application - from beside the press, to large, industrial models.

## Balers

Balers supplied by Vecoplan offer the perfect solution for packaging of your shredded product, whether it be paper, plastics, aluminum, or virtually any material suitable for baling..



## Infeed and Discharge Conveyors

Vecoplan manufactures a wide range of belt, drag chain and vibratory conveyors that offer maximum flexibility in a durable, rugged package. Available in standard configurations or made-to-order for nearly every conveying application, Vecoplan conveyors offer the ideal solution.



# 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!



## Vecoplan®

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