

## Waste Shredders For C&D Processing

Vecoplan solutions for size reduction of construction and demolition waste.

# Vecoplan - Our History

Vecoplan was founded in 1969 in Bad Marienberg, Germany as a manufacturer of high quality wood chippers.

In the early 1980's, Vecoplan's focus turned to manufacturing innovative machinery for recycling of various materials, inspiring the invention of the first single-shaft rotary shredder the world had ever seen. This innovation has revolutionized the size reduction industry.

In 1989, a European patent was awarded to Vecoplan for the single-shaft shredder and its unique "U-rotor". To this day, this rotor design continues to be the most advanced cutting geometry for the universal size reduction of a whole spectrum of waste materials.

In 1994, Vecoplan received its ISO 9001 certification. This is the highest standard set for quality systems and confirms its dedication to innovative product

development, design engineering, high quality manufacturing and quality control standards. Ensuring first rate customer service has been, and remains, a top priority.

In 2000, Vecoplan, the global leader in size reduction technologies, combined forces with ReTech Industries, the American leader in single-shaft rotary shredder technologies, to form Vecoplan, LLC - the undisputed global leader in size reduction systems.

Today, Vecoplan has a substantial presence on every continent (with the exception of Antarctica) and has evolved into the undisputed leader of state-of-the-art size reduction and recycling systems with over 75 models available and currently over 7,000 machines and systems operating around the world.

## Vecoplan Shredder Features

### HiTorc™ Drives

- Up to 100% Increase in Throughput vs. Conventional Drives
- Up to 85% Reduction in Power Consumption / Energy Usage
- Maximum Torque Across a Wide Speed Range
- Full Speed Control with Wide Speed Range
- Quickest Possible Reversing Action
- Controlled Stop Function
- No Gearbox, Fluid Coupling or Belts to Adjust or Replace



### Access Doors

Vecoplan's unique design allows for easy access to the cutting chamber for removal of foreign material via dual access doors, or shutters, which are hydraulically operated. Electrical and mechanical interlocks insure maximum safety. Foreign material can be removed with a full hopper, eliminating the need to empty the hopper to clear the foreign material. The doors also allow direct access to wear items, reducing downtime and maintenance costs.



### Replaceable Cutters



Unique in the industry, Vecoplan's replaceable cutter design minimizes downtime and maintenance costs. Cutters can be replaced or rotated by loosening two bolts. A complete cutting tool exchange can be performed in about two hours. Conventional shredders require extensive downtime, welding and maintenance expense just to maintain cutters.



### Counter Knife

Hurricane Shredders feature a counter knife positioned in-between the dual cutting rotors and bolted to the bed of the cutting chamber. The cutters on both rotors mesh precisely with the sharp serrated edges of the counter knife. This provides a smaller, much more consistent shredded particle size than traditional shredding. It also provides quick and easy replacement when they wear out, unlike shredding tables that require time consuming and costly resurfacing.

### Sizing Grates

Integrated sizing grates insure flexibility and control of shred size.



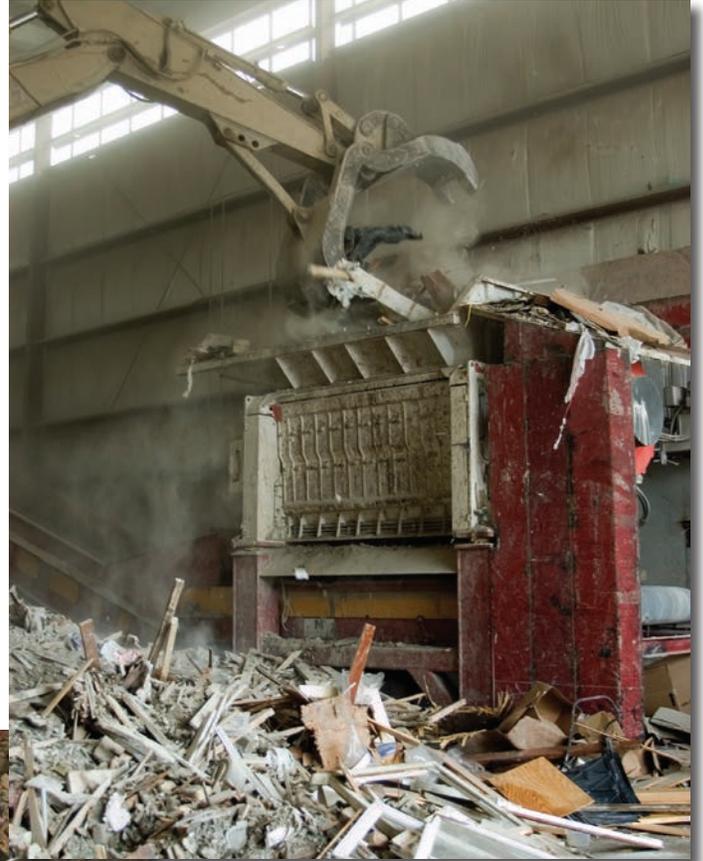
# C&D - Composting

Vecoplan offers a wide selection of equipment for the specific use in processing high volumes of construction and demolition debris. These units are ideal for size reduction of construction and demolition waste as well as the preparation of wood waste for fuel and compost.

Vecoplan also offers a large selection of separation and screening equipment. Our separation systems are capable of separating ferrous and non-ferrous material, separating material by size or separation by density. We also offer a large selection of screening systems, including trommel screeners, disc screeners, star screeners, vibration and oscillating screening systems.

When it comes to construction and demolition debris, it's all about throughput and reliability, and our shredders are built for both. We grind and separate almost anything and have the least downtime and operating costs in the industry.

Treated and untreated wood, gypsum, paper, wiring, asphalt, ceramics, masonry, concrete, glass, and metal can all be sorted at the source or centrally at the MRF. Wood can be shredded for a wide array of uses; landfill cover, fuel, compost, etc.



# Vecoplan - Your Total System Solution

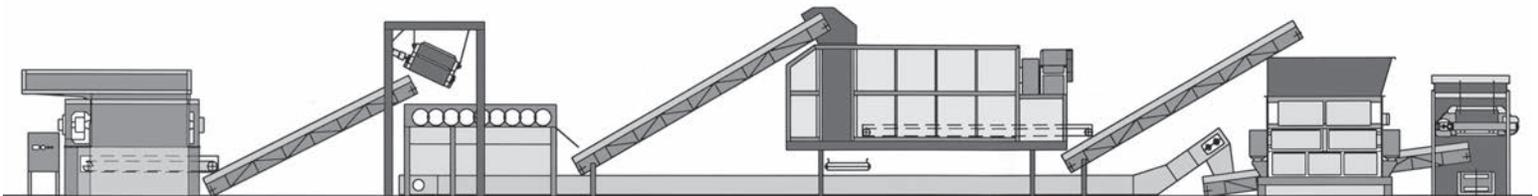
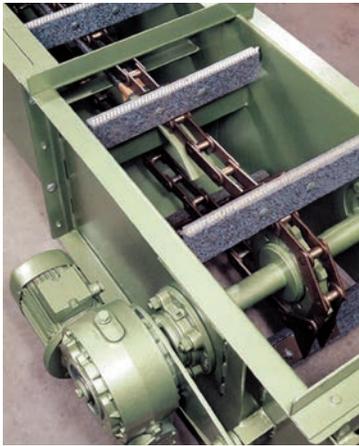
Vecoplan is known for providing complete turn-key solutions.

We provide complete material handling systems and design engineering including conveyors, pneumatics, metal detection and separation. American electrical control panels and components are available and may be fabricated to your specifications.

Vecoplan understands that installing new equipment can disrupt production operations. New equipment can create new demands on your present electrical system. That's why we include a review and analysis of your present electrical components.



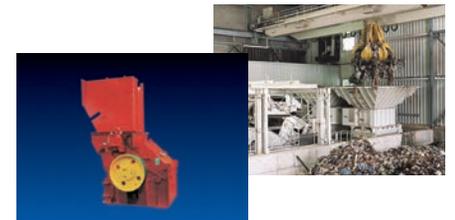
Vecoplan will help you plan for the additional equipment and prepare your present system to minimize any disruption to your operation.



## Our Complete Range of Products



- Single and Multiple Rotor Shredders
- Conveying Technologies • Air Classification Systems
- Refiners • Rotary Trommels • Vibratory Feeders
- Oscillating, Roller and Star Screeners
- Ferrous and Non-Ferrous Detection and Separation
- Bulk Material Handling, Metering and Loading
- Turn-key Recycling and Waste Processing Systems



Vecoplan, LLC  
5708 Uwharrie Road • Archdale, NC 27263  
Phone: 336-861-6070 Fax: 336-861-4329  
[www.vecoplanllc.com](http://www.vecoplanllc.com)

# Vecoplan®

Vecoplan Midwest  
4005 Earnings Way • New Albany, IN 47150  
Phone: 812-923-4992 Fax: 812-923-4994  
[www.vecoplanmidwest.com](http://www.vecoplanmidwest.com)