



- We maintain an extensive parts inventory
- Technical assistance is available 24/7
- Control panels featuring Remote Electronic Interfaces (modems) for immediate trouble-shooting are available
- In stock parts engineered specifically for our products
- Many machine components utilize easy-to-find standard domestic parts

At Vecoplan, we design machines with ease of maintenance in mind, but when you need assistance, we offer the industry's finest support staff at your disposal consisting of second-to-none factory trained service technicians.

Our Commitment to Service



9001 licensed quality program and production following our ISO activities and continues through design

quality assurance process begins with our sales certification, the most stringent quality standards program there is. Our only single-shaft rotary shredder manufacturer to have earned ISO 9001 with the highest quality vendors and components, Vecoplan is the sub-assemblies. Aside from constantly striving to align ourselves and see projects through from inception to startup. Computerized planning and inventory systems automatically select components and schedules, assure our customers of a very high quality product, system compatibility and on-time delivery. Our engineering staff is The efficiencies gained from our customized integrated manufacturing systems, which assign the proper resources to accommodate demanding systems, assure our customers of a very high quality product.

Vecoplan takes great pride in offering our customers over 30 years experience in innovative product design, engineering and production. Our 200,000 square foot facility manufactures standard machines as well as custom systems.



State of the Art Design Engineering and Production



Vecoplan - Your Total System Solution

Vecoplan is known for providing complete turn-key solutions.

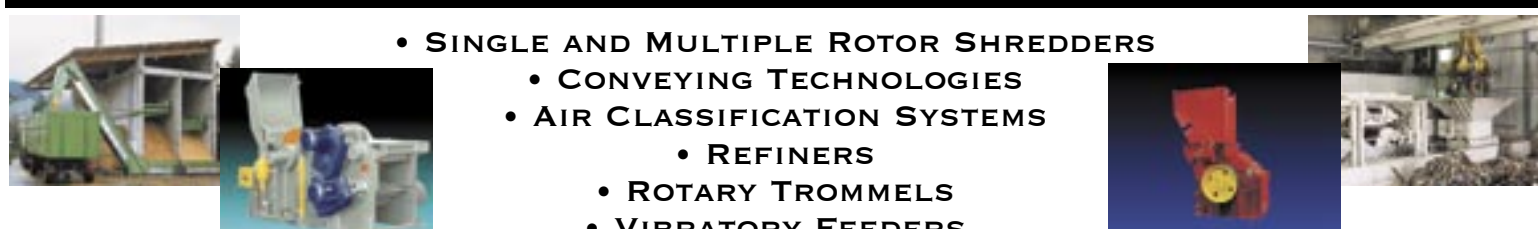
We provide complete material handling systems and design engineering including conveyors, pneumatics, metal detection and separation. American electrical control panels and components are available and may be fabricated to your specifications.

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.



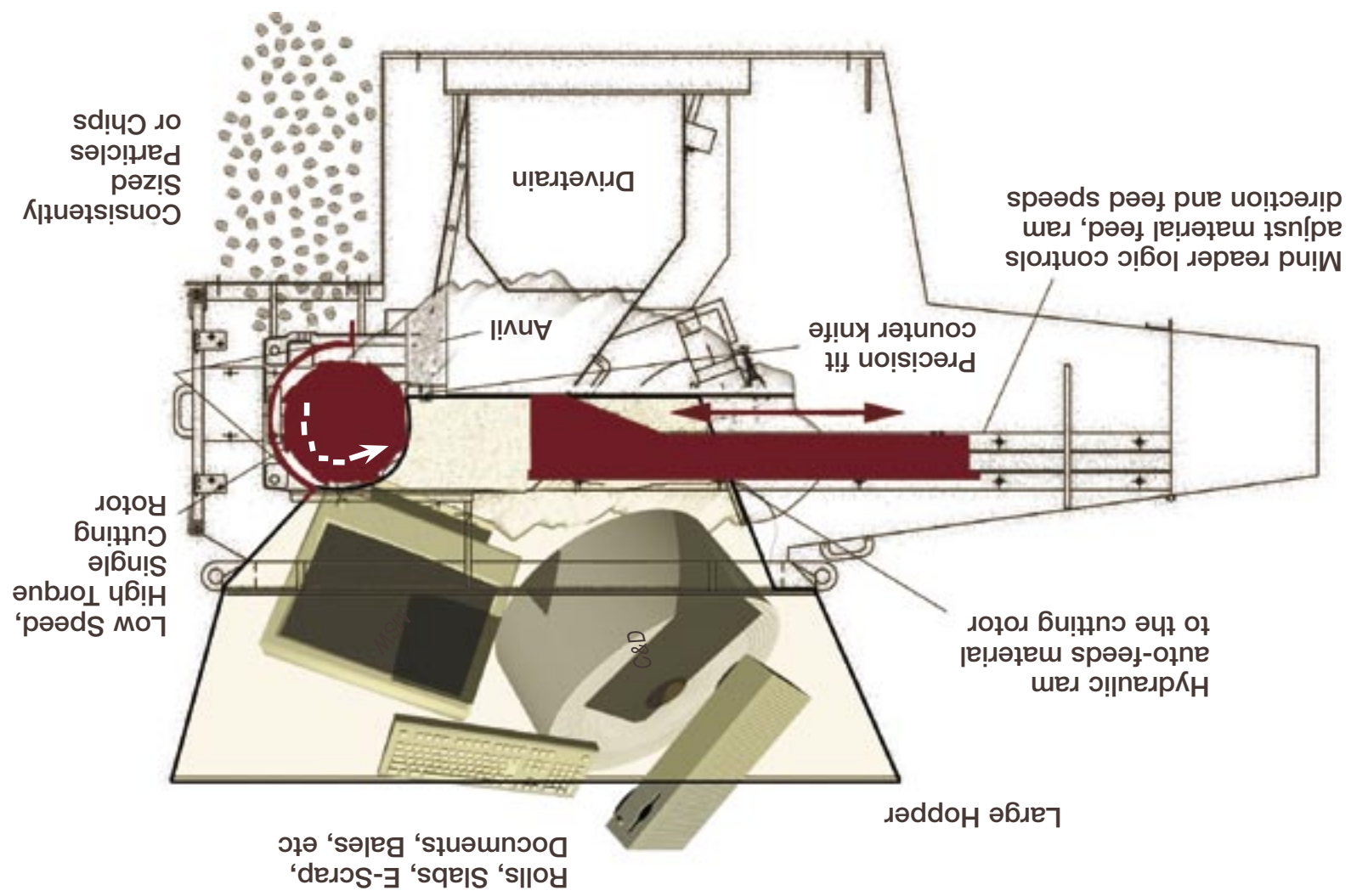
Our Complete Range of Products



- 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



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WEB: WWW.VECOPLANLLC.COM • E-MAIL: INFO@VECOPANLLC.COM



Low Speed, High Torque, Ram Feed, Single-Shaft Rotary Operation

The Single-Shaft Rotary Shredder Concept

Vecoplan was founded in 1969 in Bad Marienberg, Germany as a manufacturer of high quality wood chipper. 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 around the world. 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. American leader in single-shaft rotary shredder technologies, the reduction systems. In 2000, Vecoplan, the global leader in size reduction technologies, combined forces with Tech Industries, the American leader in single-shaft rotary shredder technologies, to form Vecoplan, LLC - the undisputed global leader in size reduction systems. 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 around the world. 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.

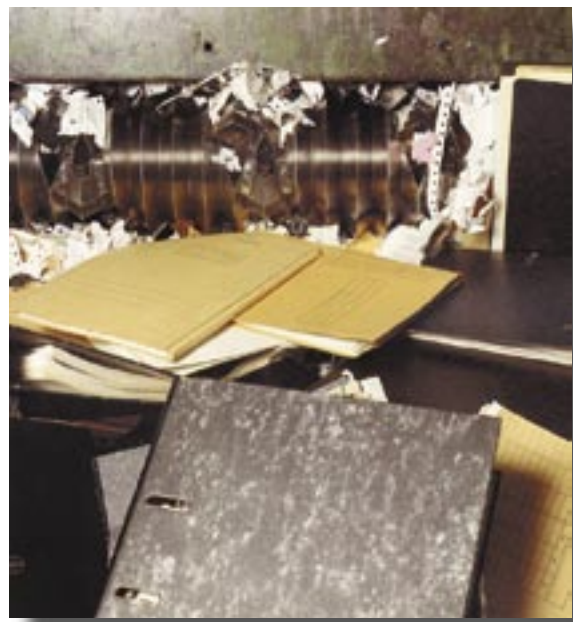
Vecoplan - Our History

Vecoplan
World Wide - World Class

Solutions for Paper Industries

**One Shredder Company Is Changing...
EVERYTHING!**

Document Destruction Industry



Processes binders with metal rings

Document Destruction / Security Shredding

Vecoplan's line of ReTech Rotary Shredders offers the ideal solution in a single step process. Unlike strip shredders for paper which require a two-step process for cross-cut consistency, the ReTech cross-shreds in one pass offering variable and consistent shred size through interchangeable screens. Large, bulky binders with metal rings, entire security and recycling containers, even full bales can simply be dumped into the ReTech Rotary Shredder with no need of material preparation - all either within a central, off-site installation, or with a mobile installation.



Controllable and consistent shred size

Product Destruction Versatility

- Obsolete, expired, or defective products
- Manufacturing rejects, out-of-date merchandise, returned items, experimental prototypes, contraband, etc.
- Destroy high volumes of products such as counterfeit products, audio/video cassettes, CDs, floppy disks and Zip disks, circuit boards, telephones, clocks, binoculars, cameras, toys, small kitchen appliances, computer hardware, televisions, textiles, etc.
- Dump-and-Run whole batches up to 10 cu. yards

COULD BE CONSIDERED NEGLIGENT IF THEY WERE NOT SECURE IN THE CONFIDENTIALITY OF THEIR EMPLOYEES, OR IF THEY WERE TO HAVE DOCUMENTS STATING A CORPORATE LOSS OF \$18,000,000.00 TO GO PUBLIC!!



Vecoplan's single-pass shred size

Full Turn-Key System Design Expertise
The Most Experienced in the Industry



Sample from conventional strip shredder

Printing and Converting Industry

True Dump & Run Shredding! Smart Baler Prep!



Dump Large Waste...



...Process Ram feeds material into Cutting Rotor...



...Screened Discharge Regulates Particle Size...



...Consistent Particle Size!

Process Slabs, Rolls, Signatures, Butt Rolls, Cores, Sheets, Corrugated, Die-Cut Waste, Overruns...

Vecoplan's line of Paper Shredders provides true dump-and-run operation without the need of guillotines or floor sweeps. Ideal for baler preparation, Vecoplan's shredders are jam-free, eliminating the need for manual labor in the feeding system, and are also easily integrated into existing processing systems such as pneumatic material handling systems. Ideal for web-press or sheet fed operations, Vecoplan paper shredders have been field proven as the ideal solution for printer waste processing.



Ideal Bale Density

Vecoplan's line of Paper Shredders completely eliminates the need for any manually-intensive pre-processing procedures - including guillotines and floor sweeps.



★ Vecoplan's "U" Rotor

Developed and Patented by Vecoplan
The industry's most successful cutting rotor design.

The cutting rotor has been engineered for durability and carries a Limited Lifetime Warranty. Cutting inserts are precision fit for easy maintenance.

Rotors are available in several diameters dependent on throughput requirements.

Heavy dual cushioned hydraulic cylinders to advance process ram. Cylinders are secured with reinforced, vibration dampening clamps.

Heavy shelf over ram cavity to protect against impact with heavy parts.

Quick change oversized ram guide rails are removable from the exterior of the machine.

"Process ram" provides precision feed of material to cutting rotor. Ram quickly adjusts to different load variables to maximize processing efficiency.

Heavy duty, 2 speed hydraulic pump package reacts quickly to high shock loads. The hydraulic system includes a two-stage pump, oversized cooling capacity and large reservoir.

★ Torque arm with disc springs to "shock absorb" gearbox. Equipped with a "shut down" switch to limit damage from tramp metal.

Heavy side walls, braces and reinforcements. Robotically welded for stress-free construction.

High quality, premium efficiency drive motors with thermocouple interlocks.

Banded belt drive provides positive transmission and protection of drive train.

Fluid coupling absorbs micro vibrations and converts torque under load.

Large infeed hopper for true Dump-And-Run operation

Anvil has a replaceable counter knife plate with close tolerance profile. The anvil stabilizes and anchors the grinding process.

★ Hinged clean-out access door with safety switches to access screen and cutting rotor for routine maintenance.

Oversized, shaft-mounted reduction gearbox rated with very high service and safety factors.

Flanged discharge to accommodate an assortment of pneumatic and mechanical conveyance systems.

Sizing screens from 3/8" to 3" add economical production of consistent sized particles in one pass.

★ Denotes A Vecoplan Exclusive

A variety of cutters is available for our line of shredders.

THE VECOPLAN SINGLE-SHAFT DOCUMENT AND PRODUCT DESTRUCTION SHREDDER