

TECHNOLOGY FOR A SUSTAINABLE TOMORROW



TIRE RE-SHREDDERS

RTR SERIES

Vecoplan[®]

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.

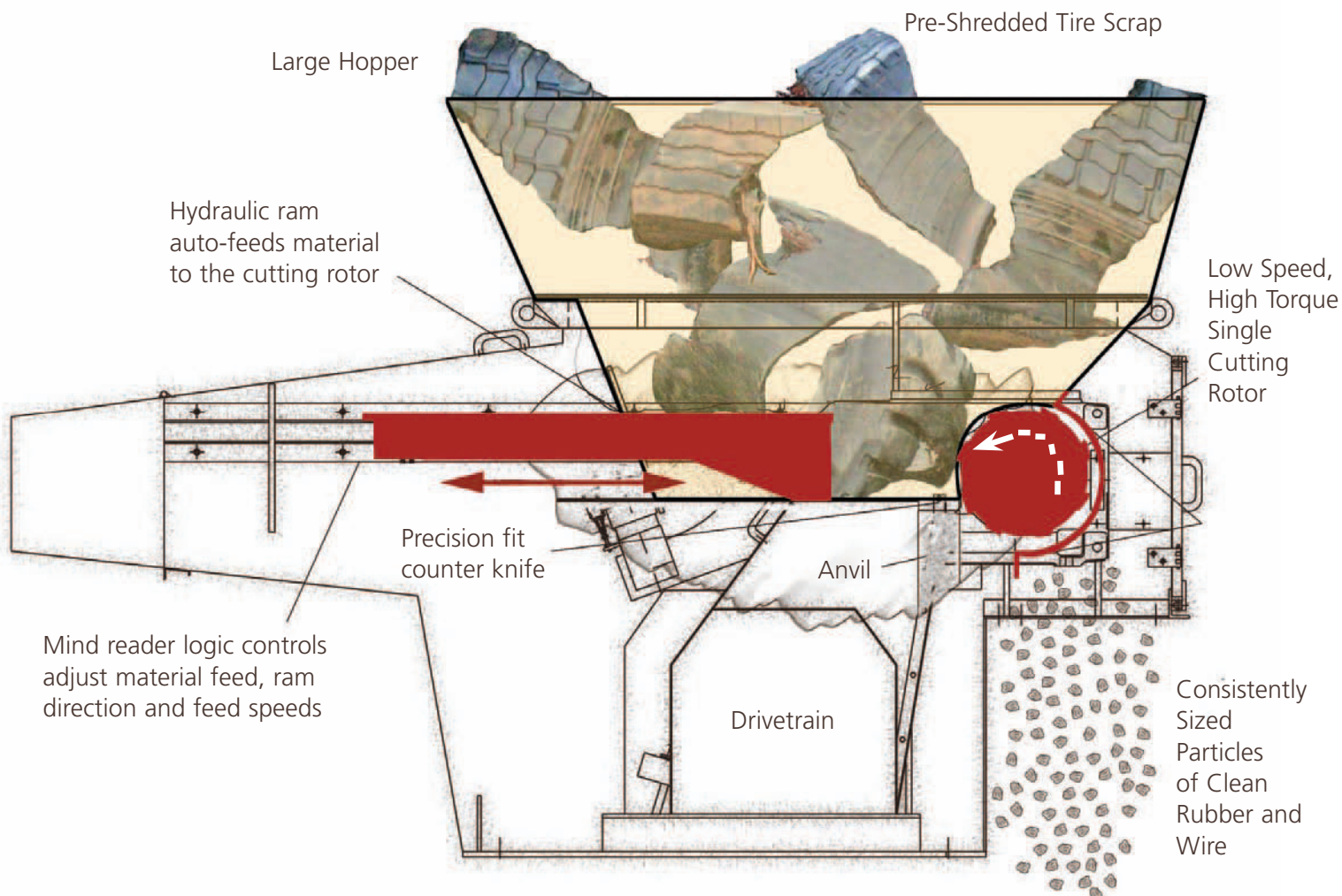
In 1994, Vecoplan received its ISO 9001 certification. This is the highest standard set for quality systems and confirms its dedication to innovative product development, design engineering, high quality manufacturing and quality control standards. Ensuring first rate customer service has been, and remains, 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.

The Single-Shaft Rotary Shredder Concept

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



State of the Art Design Engineering and Production



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.

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



Our Commitment to Service

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.

- 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



Lowest Operating Cost Per-Ton!



*Inexpensive Cutting Inserts
Reduce Parts Costs*



*Double Side Walls and Easy Access to Wear
Items Reduces Maintenance Costs*



Reduced Costs for Parts, Maintenance and Energy!

Vecoplan RTR Series Tire Re-Shredders are designed specifically for processing pre-shredded tires, these single shaft rotary shredders liberate wire from rubber and rubber from wire, generating two individually marketable end products. Pre-shredded tires produce TDF, crump products, mulch, playground cover, and arena fill, as well as a variety of other products in one pass through an RTR shredder. Shredders in the RTR Series deliver the lowest operating cost per-ton of material processed. Typical operating cost pre-ton processed are from \$6-\$9 compared to \$15-\$20 on conventional equipment.

The RTR Series achieves the lowest possible operating cost through innovative features that include an overall design for easy access to wear items to reduce maintenance costs, inexpensive and easily replaced cutting inserts to reduce parts costs, and Vecoplan's patented energy saving HiTorc™ magnetic pulse drive that reduces electrical costs by up to 85%.

RTR Series Shredders feature true dump and run operation, so entire containers of pre-shredded tires can be fed into its hopper. Particle size output can be varied and controlled through quick and easy screen changes. All shredders in the series are built tough with Hardox Manganese-Alloy sidewalls, hard-faced rotor, heavy-duty screens, and a tire-specific smart ram feed programming package.

VECOPLAN is a leading manufacturer of advanced industrial grinding, shredding and size reduction equipment.

VECOPLAN shredding and recycling equipment is the preferred choice for most industrial applications in the rubber industries, plastics processing and recycling industries, woodworking industries, plastics processing and recycling industries, printing and converting industries, secure destruction industry, general waste processing and recovery industries.



*Optional Energy Saving HiTorc™ Drive
Reduces Electrical Costs*



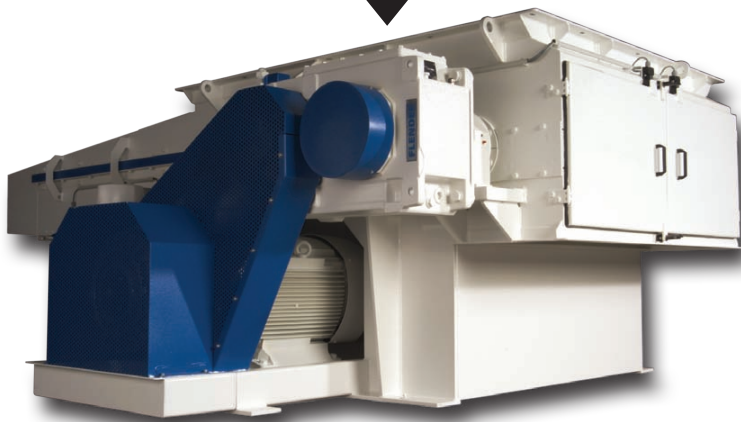
Hard-Faced Rotor for Exceptional Wear Characteristics

Clean Rubber - Clean Wire

Produce Clean Rubber and Clean Wire From Your Shredded Tire Waste



Your Shredded Tire Waste...



Clean Wire



Clean Rubber

**Typical Operating Cost Per-Ton: \$9 - \$12
Vs.
\$15 - \$20 on Conventional Equipment**

- Liberates Wire From Rubber and Rubber From Wire, Generating Two Individual, Marketable End Products
- Makes: TDF, Mulch & Bedding Products & Many Cover Products in 1 Additional Pass
- Processes Dirty Wire into Clean Products - Send Nothing To The Landfill!
- Superior Particle Consistency
- Ultimate Versatility
Control Various Particle Sizes In The Same Machine With A Quick Screen Change
- Low Maintenance Design
Minimizes Downtime
- Built Tough!
Fully Hard-Faced Rotor,
Heavy-Duty Screen,
Double Side Walls,
Smart Ram Programming Package

Model:	1300 RTR	1800 RTR
Hopper Opening	52" x 58"	70" x 82"
Hopper Volume	3.75 Cubic Yards	10.25 Cubic Yards
Rotor Diameter	15"	20"
Number of Cutters	60 (40 x 40)mm	84 or 126(40 x 40)mm
Rotor Speed	120 rpm	125 rpm
Drive Motor HP	100 HP	150 HP
Feed System HP	Two Speed, 5 HP	Two Speed, 10 HP
Weight	10,000 - 12,900 lbs	18,000 - 22,000 lbs
Voltage	460V / 3Ph / 60Hz	460V / 3Ph / 60Hz

Vecoplan - Your Total System Solution

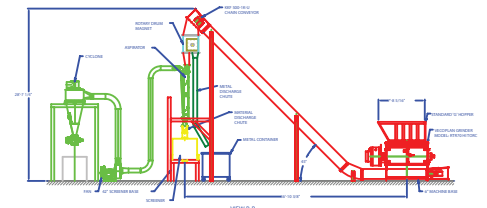
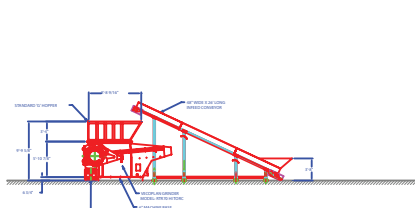
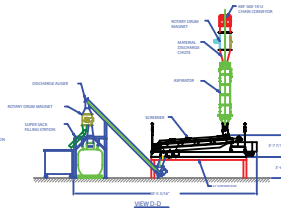
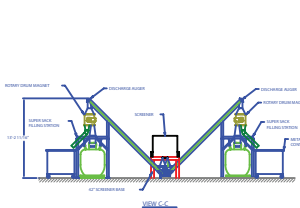
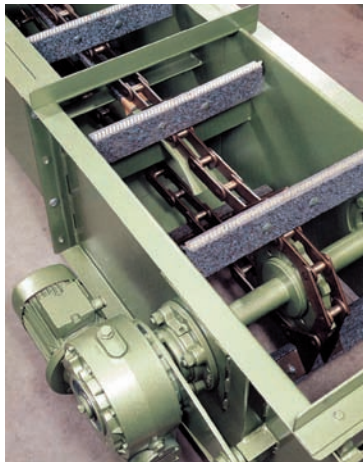
Vecoplan is known for providing complete turn-key solutions.

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®