TECHNOLOGY FOR A SUSTAINABLE TOMORROW

INDUSTRIAL SINGLE-SHAFT SHREDDERS

Vecoplan®
Headquartered in Bad Marienberg, Germany, Vecoplan was founded in 1969 as a manufacturer of innovative, high-quality wood chippers. Throughout the 1970s sales grew, the business grew and Vecoplan engineers continued to innovate in size-reduction machinery for the wood industry. Vecoplan’s facilities and product line have grown exponentially since then, but two things remain the same; Vecoplan continues to innovate and still manufactures the highest quality wood chippers in the world.

Out of these strong wood industry roots Vecoplan branched into other market segments. By the early 1980s an increasing number of industries were discovering Vecoplan and finding new applications for Vecoplan technologies. Inspired by this success, Vecoplan engineers invented the first single-shaft rotary shredder. This invention revolutionized Vecoplan as a company, size-reduction as a technology, and the processing of waste materials for recycling or repurposing as a whole.

In 1989 Vecoplan was awarded an European patent for the single-shaft shredder and it’s unique “U-rotor”. This rotor design continues to be the most advanced cutting geometry for the universal size-reduction of a comprehensive range of waste materials. Today, Vecoplan shredders are used not only to process Wood scrap, but also Plastics, Paper, Domestic & Commercial Waste, Biomass, Alternative Fuel Feedstocks, and in a broad spectrum of other Special Applications.

Vecoplan received its ISO 9001 certification in 1994. This, the highest standard set for quality systems, confirms Vecoplan’s dedication to innovative product development, design engineering, quality manufacturing, and overall quality control standards. Ensuring the absolute best in customer service has been, and remains Vecoplan’s top priority.

By the end of the twentieth century, Vecoplan had established itself as the leader in size-reduction technologies throughout Europe and most of the world. But in America, single-shaft grinders from ReTech Industries had become the most widely used line of size-reduction equipment. In 2000, the two companies combined forces to form Vecoplan, LLC – solidifying Vecoplan as the undisputed global leader in size-reduction machines and complete systems for the processing of waste materials.

In addition to Vecoplan AG, in Germany, Vecoplan LLC, in North America, and Vecoplan UK, in the United Kingdom, Vecoplan has a vast array of agencies in countries around the world, maintaining a substantial presence on every developed continent. Currently there are over 10,000 Vecoplan machines and systems in operation throughout the world. If you are involved in recycling, processing alternative fuel feedstocks, or any type of waste processing, Vecoplan is your best source for cutting-edge technologies to do it better and a partner to grow with.
Vecoplan takes great pride in offering our customers over 40 years of experience in innovative product design, engineering and production. Vecoplan’s 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 the highest quality product, system compatibility and on-time delivery. The engineering staff at Vecoplan is segregated into teams responsible for certain “families” of products and see projects through from inception to start-up. Computerized planning and inventory systems automatically select components and sub-assemblies. In addition to constantly striving to align itself with the highest quality vendors, Vecoplan is the only single-shaft rotary shredder manufacturer to have earned ISO 9001 certification, the most stringent quality standards program there is. Vecoplan’s quality assurance program begins with sales activities and continues through design and production following the ISO 9001 licensed quality program.

VECOPLAN’S COMMITMENT TO SERVICE

Vecoplan machines are manufactured for durability and designed for ease of maintenance, but when you need assistance, Vecoplan delivers the best. The industry’s finest support staff is at your disposal and consists of, second-to-none, factory trained service technicians.

- Vecoplan maintains an extensive parts inventory
- Corporate Parts Discounts and Scheduled Service Agreements Available
- Control panels featuring Remote Electronic Interfaces (modems) for immediate trouble-shooting are available
- In stock parts engineered specifically for Vecoplan products
- Many machine components utilize easy-to-find standard domestic parts
In its continuing efforts to remain on the cutting edge of size-reduction technology, Vecoplan, LLC offers comprehensive viability testing of your materials. Vecoplan’s complete in-house test lab and size-reduction facility is a typical layout representing actual processing environments. It allows you and Vecoplan engineers to perform throughput, consistency and feasibility studies by conducting trial runs of your materials under production conditions. All data, along with technical analysis, remains confidential between Vecoplan and the customer. For additional information or to schedule a test run, call: 336-861-6070 or email info@vecoplanllc.com.

Please send test samples prepaid to the following address:
Vecoplan, LLC • 5708 Uwharrie Rd. • Archdale, NC 27263 • Attn: Sales Manager

VECOPLAN HORIZONTAL MODELS
Available with Low Speed U-Rotor OR Knife Chipper / Plastic Granulator Rotor

- Floating Infeed Chamber
- Easy Access
- Oversized Drive Motor
- Safety Interlocks
- Dual Torque Arms
- Vecoplan’s TorsionPoint™ “U” Rotor
- Pneumatic Discharge
- Changeable Sizing Screens
- Floating Infeed Chamber
- Heavy Duty Roller Bearings
- 16’ Vibratory Infeed Conveyor
- Multiple Infeed Motors
- Feed Limit Switch
- Multiple Infeed Rollers
- Changeable Sizing Screens

Vecoplan’s TorsionPoint™ “U” Rotor
Developed and Patented by Vecoplan. The industry’s most successful cutting rotor design.

Vecoplan, LLC • 5708 Uwharrie Rd. • Archdale, NC 27263 • Attn: Sales Manager

OUR TEST LAB
Application Analysis and Product Development
At Vecoplan, LLC, we expect our grinders to work! We are confident that they will! We expect that the confidence you have in us in placing the order should carry over long after the sale. Therefore, in the unlikely event that any unit does not perform to specifications, the unit may be returned within 90 days after delivery and all monies paid for the grinder will be refunded 100%. Vecoplan shall be given ample opportunity to address any problems prior to return.

"VECOPLAN, LLC’S 100% PERFORMANCE GUARANTEE"!

Many other models and auxiliaries are available, including:

- drum chippers
- double-shaft shredders
- conveying technologies
- screening machines
- metal detection and separation equipment
- full turn-key system design and manufacturing

Vecoplan realizes that a relationship with customers is what makes a company successful. We are proud of our equipment - and we show that pride in writing with an array of warranties and guarantees. All units are automatically backed with a full 1 year warranty.

Vecoplan’s goal is to earn and keep our customers’ respect... we back it in writing.

OUR UNIQUE GUARANTEES

**EXCLUSIVE SHREDDER PERFORMANCE GUARANTEE**

At Vecoplan, LLC, we expect our grinders to work! We are confident that they will! We expect that the confidence you have in us in placing the order should carry over long after the sale. Therefore, in the unlikely event that any unit does not perform to specifications, the unit may be returned within 90 days after delivery and all monies paid for the grinder will be refunded 100%. Vecoplan shall be given ample opportunity to address any problems prior to return.

"VECOPLAN, LLC’S 100% PERFORMANCE GUARANTEE"!

<table>
<thead>
<tr>
<th>Date:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agreement Extended To:</td>
</tr>
<tr>
<td>Authorized Signature:</td>
</tr>
</tbody>
</table>

**EXCLUSIVE SHREDDER EQUITY GUARANTEE**

At Vecoplan, LLC, we expect your business to grow. All businesses plan for that! That’s why when you purchase a Vecoplan shredder your investment is protected to grow with you. When your business changes and grows, and when you need larger equipment, your investment in your Vecoplan Shredder can be used again as “Equity Value” in purchasing an upgrade. It’s simple and will realize you far greater value than dealing with the used market and hoping for the best offer or compromising for too small of a machine. At the time you trade-in or upgrade to a new, larger dimensional shredder, the perception “Equity Value” will be deducted from the purchase of your new equipment.

The condition of your existing machine may effect the final equity value: so, just call to get all the details and a firm appraisal of your equity value.

Note: This guarantee is null and void where machine is placed in inappropriate applications or a return is desired due to abuse, neglect or other conditions beyond the control of Vecoplan.

**EQUITY GUARANTEE**

Valid for original owner only

<table>
<thead>
<tr>
<th># of Months Since Delivery:</th>
<th>0-6</th>
<th>7-12</th>
<th>13-24</th>
<th>25-36</th>
<th>37+</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Equity Value %:</td>
<td>100%</td>
<td>80%</td>
<td>50%</td>
<td>25%</td>
<td>10%</td>
</tr>
</tbody>
</table>

Vecoplan realizes that a relationship with customers is what makes a company successful. We are proud of our equipment - and we show that pride in writing with an array of warranties and guarantees. All units are automatically backed with a full 1 year warranty.

**OUR MODELS**

### Vertical Feed Shredders

<table>
<thead>
<tr>
<th>Model</th>
<th>HP</th>
<th>Rotor Dia.</th>
<th>Hopper Opening</th>
</tr>
</thead>
<tbody>
<tr>
<td>VAZ 800</td>
<td>20</td>
<td>10 inch</td>
<td>32” x 42”</td>
</tr>
<tr>
<td>VAZ 1100</td>
<td>30</td>
<td>10 inch</td>
<td>42” x 48”</td>
</tr>
<tr>
<td>VAZ 1300</td>
<td>60 - 150</td>
<td>15 inch</td>
<td>52” x 58”</td>
</tr>
<tr>
<td>VAZ 1600</td>
<td>75 - 150</td>
<td>15 inch</td>
<td>63” x 80”</td>
</tr>
<tr>
<td>VAZ 1800</td>
<td>150 - 200</td>
<td>20 inch</td>
<td>70” x 82”</td>
</tr>
</tbody>
</table>

### Horizontal Feed Shredders

<table>
<thead>
<tr>
<th>Model</th>
<th>HP</th>
<th>Rotor Dia.</th>
<th>Hopper Opening</th>
</tr>
</thead>
<tbody>
<tr>
<td>VTH 35/0/2</td>
<td>40</td>
<td>12 inch</td>
<td>14” x 3.5”</td>
</tr>
<tr>
<td>VTH 45/12/2</td>
<td>50 - 60</td>
<td>16 inch</td>
<td>18” x 5”</td>
</tr>
<tr>
<td>VTH 55/15/2</td>
<td>60 - 100</td>
<td>20 inch</td>
<td>22” x 6”</td>
</tr>
<tr>
<td>VTH 65/12/2</td>
<td>60 - 75</td>
<td>16 inch</td>
<td>25” x 5”</td>
</tr>
<tr>
<td>VTH 85/12/2</td>
<td>75 - 125</td>
<td>16 inch</td>
<td>34” x 5”</td>
</tr>
<tr>
<td>VTH 45/12/2</td>
<td>50 - 60</td>
<td>16 inch</td>
<td>18” x 5”</td>
</tr>
</tbody>
</table>
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
P.O. Box 7224 • High Point, NC 27264
Phone: (336) 861-6070 • Fax: (336) 861-4329

www.vecoplanllc.com
WHAT'S INSIDE?
Pre-wired control panel with programmable logic controls, machine speed and safety functions by monitoring temperature, pressures, vibrations, accelerations, speed and safety switches.

VECOPLAN’S "U" ROTOR
Developed and patented by Vecoplan.

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

Heavy duty, oversized ram guide rails are removable from the exterior of the machine.

"Precision cut" provides precision fit of shavings to cutting rotor. Front cutting blades in different blade varieties to maximize processing efficiency.

AVAILABILITY FILM / FIBER ROTOR
For shredding of most flexible, high-tensile materials that tend to "self-feed"

Denotes a Vecoplan exclusive

1. Quick Disconnect & Quick Clean Screens
2. Multiple Rotor Configurations
3. Multiple Cutter Insert Sizes
4. Special Purpose Screens
5. Hydraulic "BridgeBreaker" Vertical Feed Ram
6. Airspring Counterknife for High Tramp Metal Content

OPTIONS:
1. Back Disconnect & Quick Clean Screens
2. Multiple Base Configurations
3. Multiple Cutter Insert Sizes
4. Special Purpose Screens
5. Hydraulic "BridgeBreaker" Vertical Feed Ram
6. Airspring Counterknife for High Tramp Metal Content

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