



# VTH-VU Series

## Horizontal Waste Shredders



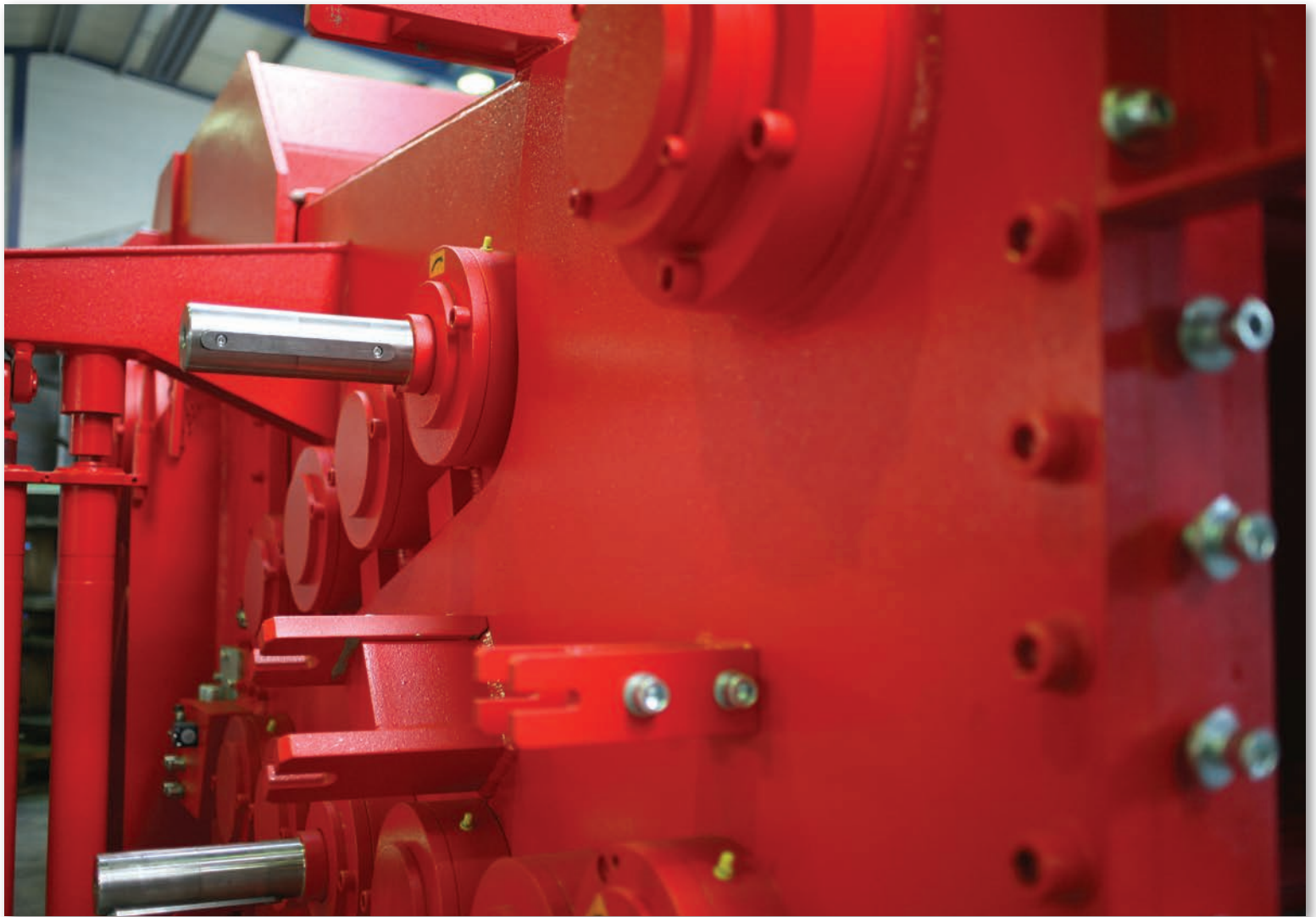
# *Vecoplan*<sup>®</sup>



## Vecoplan<sup>®</sup> VTH-VU Series

### Horizontal Waste Shredders

The Vecoplan VTH-VU Series horizontal shredders, or wood grinders as this industry has come to know them, are designed especially for size reduction of wood strips, edge rippings, slabs, and all long wood scrap, as well as lineal plastic scrap such as siding and vinyl window profiles.



## Vecoplan VTH-VU Series Horizontal Waste Shredders

The Ultimate Shredders for Lineal Scrap



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The VTH-VU Series™ family contains six different models, ranging from 40 HP to 125 HP. Infeed widths range from 12" to 33". Larger custom models are available in some styles. Each machine comes complete with a pre-wired control panel and 16' vibration conveyor for infeed of the feedstock. Multiple feed rollers grip material coming from the conveyor and advance the material into the cutting rotor. The feed rate is determined by the amperage load that processing places on the cutting rotor, which in turn sends a signal to both the conveyor and the feed rollers for adjustment of the feed rate. Particle size, or chip size, is determined by changeable sizing screens similar to Vecoplan's vertical shredders.



## More Options

The VTH-VU Series™ Horizontal Shredders are available with optional cutting rotor designs. These shredder models are also available with a precision granulator or drum chipper rotor in 2-4-knife configurations in a moderately open design. The knife rotor turns at moderate RPM and utilizes sharp knives similar to conventional granulator or chipper blades. A unique clamping system secures the knives in place and affords many sharpening intervals. When a small and uniform granulate or chip is needed, the knife rotor is suggested. If a larger and rougher particle size is acceptable, the VTH-VU Series™ models are supplied with the patented TorsionPoint™ "U"-Rotor™. Vecoplan has used this rotor in its vertical shredders since 1983 and is the preferred shredding method used in industry today. In the wood industry, Vecoplan has been producing high quality drum chippers since 1969.

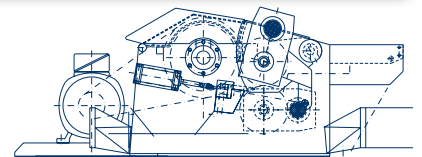
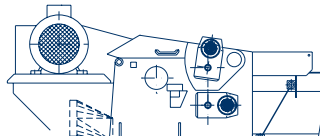
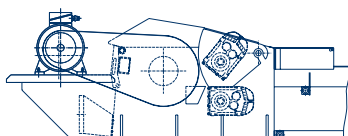
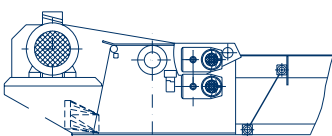
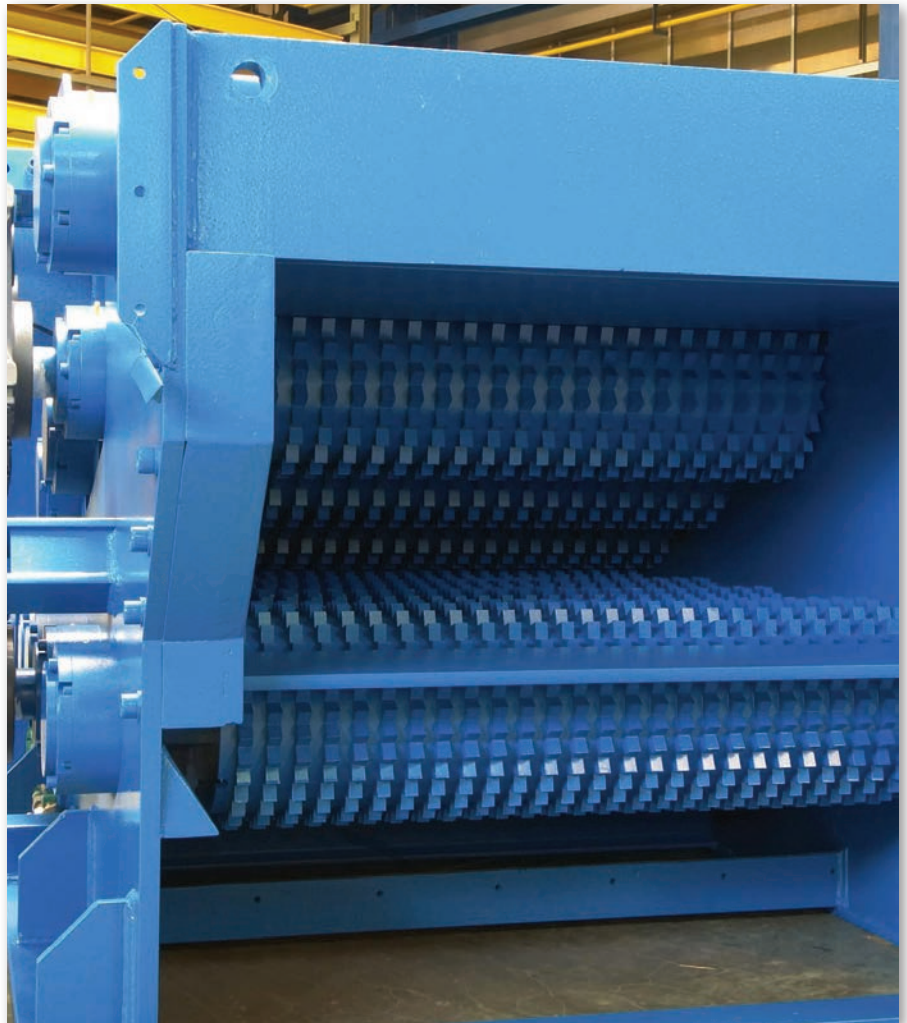
While durability and extremely low maintenance are highly valuable benefits of the VTH-VU Series™, they pale in comparison to the performance it delivers. The unique design and resulting efficiencies contribute to both a lower purchase price and lower subsequent operating costs.

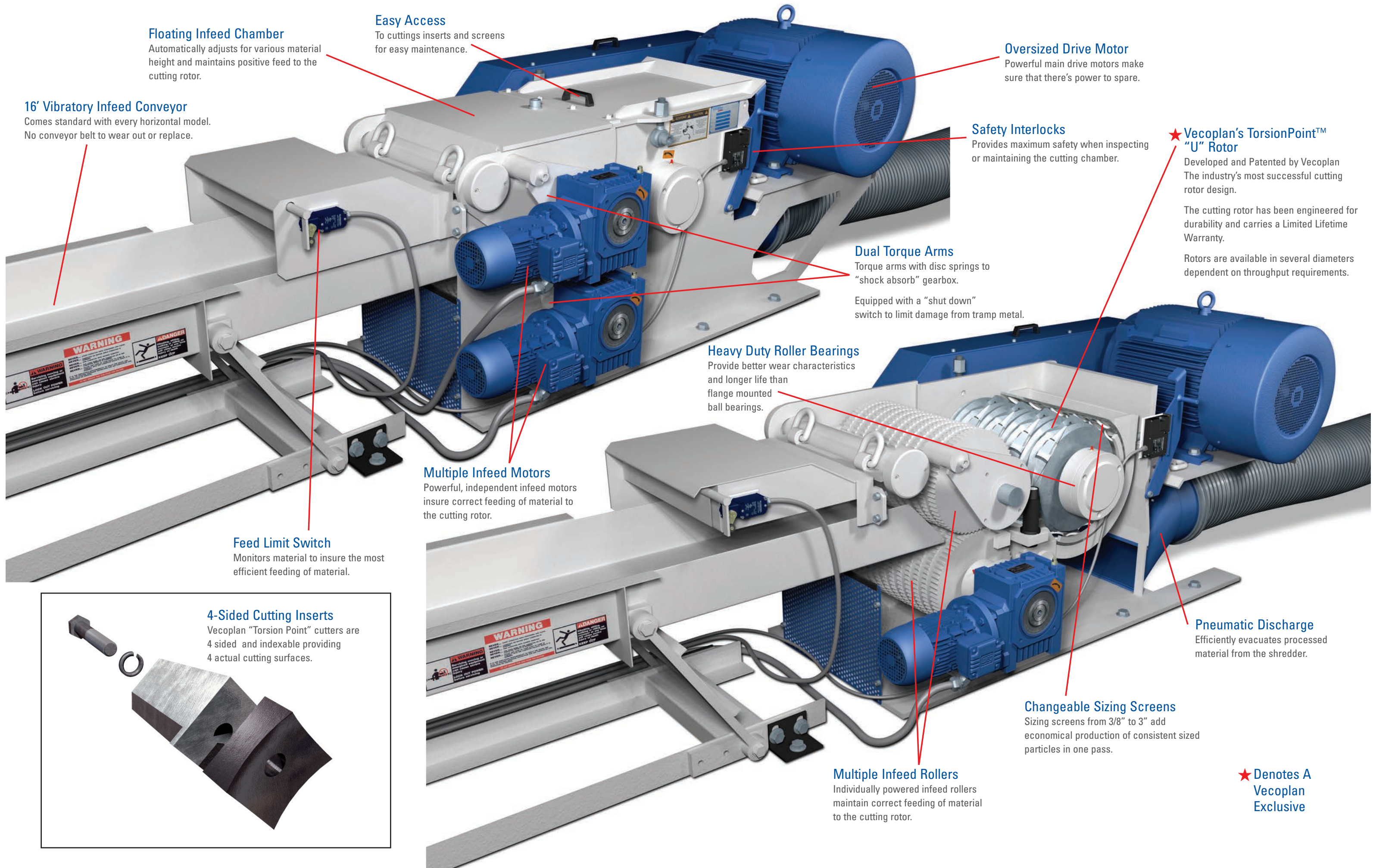
## More Features

- Low to Medium Speed / High Torque Design
- Easy Accessibility
- Equity "Buyback" Guarantee
- 4-Way, Indexable Cutting Inserts
- High Output "Torsion Point" Cutting Rotor
- Severe Duty Construction
- Lifetime Limited Warranty on Cutting Rotor
- Oversized Drivetrain
- Powerbelt Rotor Drive
- Heavy Spherical Roller Bearings
- ISO 9001 Manufactured



Unique infeed roller designs available, such as the above VTH 12-VU Paper Core Shredder, designed specifically for size reduction of paper cores.





**Floating Infeed Chamber**

Automatically adjusts for various material height and maintains positive feed to the cutting rotor.

**Easy Access**

To cuttings inserts and screens for easy maintenance.

**Oversized Drive Motor**

Powerful main drive motors make sure that there's power to spare.

**16' Vibratory Infeed Conveyor**

Comes standard with every horizontal model. No conveyor belt to wear out or replace.

**Safety Interlocks**

Provides maximum safety when inspecting or maintaining the cutting chamber.

**★ Vecoplan's TorsionPoint™ "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.

Rotors are available in several diameters dependent on throughput requirements.

**Dual Torque Arms**

Torque arms with disc springs to "shock absorb" gearbox.

Equipped with a "shut down" switch to limit damage from tramp metal.

**Heavy Duty Roller Bearings**

Provide better wear characteristics and longer life than flange mounted ball bearings.

**Multiple Infeed Motors**

Powerful, independent infeed motors insure correct feeding of material to the cutting rotor.

**Feed Limit Switch**

Monitors material to insure the most efficient feeding of material.

**4-Sided Cutting Inserts**

Vecoplan "Torsion Point" cutters are 4 sided and indexable providing 4 actual cutting surfaces.



**Pneumatic Discharge**

Efficiently evacuates processed material from the shredder.

**Changeable Sizing Screens**

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

**Multiple Infeed Rollers**

Individually powered infeed rollers maintain correct feeding of material to the cutting rotor.

**★ Denotes A Vecoplan Exclusive**

# Vecoplan VTH Horizontal Shredders



| DETAILS              |         | VTH 35/8/2 VU |
|----------------------|---------|---------------|
| Infeed Opening       | inch    | 14 x 3.5      |
| Infeed Rollers       | qty.    | 2             |
| Rotor Diameter       | inch    | 12            |
| Number of Tools      | qty.    | 12            |
| Rotor Speed          | rpm     | approx. 390   |
| Required Motor Power | HP      | 30 - 40       |
| Max. Capacity        | stere/h | 2             |
| Weight Approx.       | lbs     | 1,962         |

## VTH 8-VU

The Vecoplan VTH 8-VU Horizontal Shredder is designed to shred virtually any lineal, wood or plastic, scrap. With a 12" x 3" infeed opening, it comes standard with a 16' vibratory infeed conveyor and easily processes wood strips, edge rippings, slabs, or any long wood scrap, as well as PVC siding, window profiles, plastic and composite lumber, or other lineal plastic scrap.



| DETAILS              |         | VTH 45/12/2 VU | VTH 65/12/2 VU | VTH 85/12/2 VU |
|----------------------|---------|----------------|----------------|----------------|
| Infeed Opening       | inch    | 17 x 5         | 25 x 5         | 34 x 5         |
| Infeed Rollers       | qty.    | 2              | 2              | 2              |
| Rotor Diameter       | inch    | 15             | 15             | 15             |
| Number of Tools      | qty.    | 24             | 34             | 44             |
| Rotor Speed          | rpm     | approx. 390    | approx. 390    | approx. 390    |
| Required Motor Power | HP      | 40 - 50        | 40 - 60        | 60 - 100       |
| Max. Capacity        | stere/h | 4              | 6              | 7              |
| Weight Approx.       | lbs     | 4,188          | 4,960          | 5,730          |

## VTH 12-VU

Designed for the size reduction of long wood or plastic waste, the VTH 12-VU Horizontal Shredder standard design features an 17" - 34" x 5" infeed opening, a continuous feed 16' vibratory conveyor and is perfect for shredding lineal wood and plastic scrap including rippings, slabs, strips, mouldings, siding, profiles, and composite lumber.



| DETAILS              |         | VTH 55/15/2 VU |
|----------------------|---------|----------------|
| Infeed Opening       | inch    | 21 x 6         |
| Infeed Rollers       | qty.    | 2              |
| Rotor Diameter       | inch    | 20             |
| Number of Tools      | qty.    | 30             |
| Rotor Speed          | rpm     | approx. 390    |
| Required Motor Power | HP      | 50 - 100       |
| Max. Capacity        | stere/h | 16             |
| Weight Approx.       | lbs     | 7,050          |

## VTH 15-VU

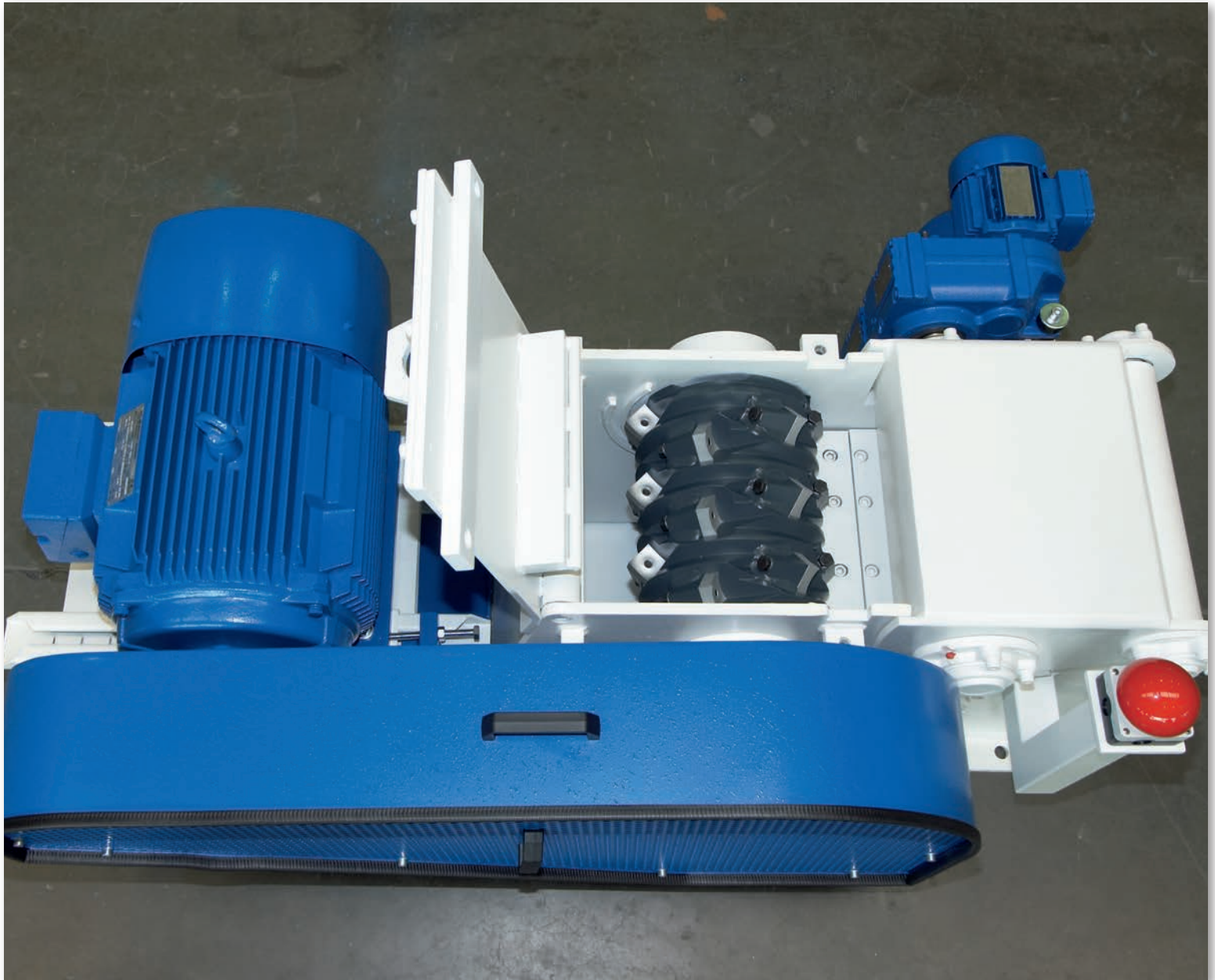
With its 21" x 6" infeed opening, fed by its standard 16' vibratory conveyor, the VTH 15-VU Horizontal Shredder makes short work of long scrap. Plastic and wood: strips, mouldings, siding, window profiles, and lumber, as well as wood rippings and slabs are quickly shredded in a continuous process by this popular mid-sized machine.



| DETAILS              |         | VTH 1250/120/2 VU |
|----------------------|---------|-------------------|
| Infeed Opening       | inch    | 50 x 6            |
| Infeed Rollers       | qty.    | 2                 |
| Rotor Diameter       | inch    | 20                |
| Number of Tools      | qty.    | 64                |
| Rotor Speed          | rpm     | approx. 390       |
| Required Motor Power | HP      | 125               |
| Max. Capacity        | stere/h | 2                 |
| Weight Approx.       | lbs     | 5,700             |

## VTH 120-VU

Engineered especially for size reduction of wood scrap. The VTH 120-VU Horizontal Shredder is one of Vecoplan's larger horizontal shredders. In addition to its standard continuous feed 16' vibratory conveyor it features a 50"x 6" infeed opening to handle any length of scrap up to 50" wide and 6" in thickness. Large sizes and volumes of edge rippings, slabs, lumber, mouldings, or any other wood strips are quickly and effortlessly processed by this machine.





**Authorized Dealer:**  
Biomass Systems Supply  
P.O. Box 1835 \* Chico, CA 95927  
Toll Free: 877-474-5521  
Office: 530-893-2444  
[www.BiomassSystemsSupply.com](http://www.BiomassSystemsSupply.com)

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

**Vecoplan<sup>®</sup>**

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

