# Paper Shredding





# Paper Shredding From The World Leader In Shredding Technologies

Vecoplan shredders and complete secure destruction systems, can be found everywhere from small start-up plants to the largest facilities ran by the leading companies in the paper industry. Tell us your needs and Vecoplan will design a system that not only meets your needs, but fits your budget and allows for expansion as your business grows.

#### Why Vecoplan?

#### A history of design innovation

With over 50 years experience in the shredding industry, Vecoplan shredding systems for paper are where performance meets reliability. The design of Vecoplan shredders and related products, particularly the single-shaft shredder, is extremely unique in its universal capability to process a wide range of different waste materials. The Vecoplan shredder design is a natural when it comes to secure shredding and document destruction, as well as use for baler prep for signature waste at printers and converters.

#### Vecoplan History

1969: Company is founded in Bad Marienberg, Germany

1973: Wood Recycling Begins

1978: In house production begins

1984: VAZ introduced

1989: "U" Rotor design introduced

2000: Vecoplan LLC opens operations in USA

2005: HiTorc motor introduced 2005: Vecoplan LLC doubles in size

2019: Vecoplan introduces plant-based pierce-&-tear

for document destruction



#### What Sets Vecoplan Apart?

Vecoplan industrial paper shredders are the leading technology in the document destruction industry, the printing industry and the paper recycling industry. Vecoplan single-shaft rotary shredders feature low speed, high torque, low noise processing of paper, cardboard, plastics, and a variety of other materials. Fed vertically via a hopper positioned above the cutting chamber, you simply dump material into the hopper, push a button and walk away. With continuous feed commercial shredders, material can also be fed into the hopper continuously with an inclined conveyor. A heavy-duty industrial screen fits snuggly around the cutting rotor and determines the particle output size. Vecoplan screens are offered with a variety of hole sizes from 3/8" to 6". Quick & easy to change, these inexpensive screens allow you to not only control but also change output particle size as needed for specific applications. A Vecoplan industrial document shredder features a low speed, low noise and high torque design that maximizes throughput.

- Dump & Run Capabilities
- Ultimate Flexibility in Document & Product Destruction
- Jam-Free Operation
- Guaranteed Throughput
- Easy & Low Cost Maintenance
- Secure Controls
- Minimal Dust
- Highest Security



## **Document Destruction**



NAID Specification: 2-1/4"



Government Specification: 3/8"

#### **Printer's Waste**



Die Cut Skeletons



Rejected Product Overruns



Hard & Soft Books



Printed Material



Corrugated, Trim Waste, Labels, & Envelopes



Packaging









Rolls Cores

# **Shred Size Samples**



3/8" Screen



2-1/4" Screen



4" Screen



1" Screen



3" Screen



No Screen

## **Vecoplan Paper Shredder Models**

#### VAZ Series 800/1100 Serious Paper Shredding With A Small Footprint



VAZ Series 1300/1600
The Absolute Industry Standard



The Vecoplan VAZ 800/1100 Rotary Shredder Series is designed especially for size reduction of cardboard and paper, as well as difficult industrial materials such as plastics, dunnage, medical waste, municipal waste and carpet.

- Low Speed / High Torque Design
- Easy Accessibility
- Tramp Metal Protection
- Equity "Buyback" Guarantee
- Low RPM / Low Noise
- Large Infeed Hopper
- Precision Hydraulic "Process Ram"
- 4-Way, Indexable Cutting Inserts
- High Output "Torsion Point" Cutting Rotor

- Heavy Duty Construction
- Rugged Hydraulics
- Stress-Free Frame, Robotically Welded
- Lifetime Limited Warranty on Cutting Rotor
- Oversized Drivetrain
- Heavy Outboard Spherical Roller Bearings
- Fluid "TurboCoupling"
- PLC Control Panel
- ISO 9001 Manufactured

DETAILS		VAZ 800	VAZ 1100	VAZ 1100 XL	
Hopper opening (WxL)	inch	32 x 42	42 x 48	42 x 48	
Hopper volume	cubic yard	1.3	2.9	2.9	
Rotor diameter	inch	10	10	15	
Number of cutters	qty	20 (40x40)	27 (40x40)	48 (40×40)	
Rotor speed	rpm	100	120	120	
Drive motor HP	НР	20	30	60	
Feed system	HP / speed	1.5 - 2 / 2 speed	3 / 2 speed	3 / 2 speed	
Voltage	V/PH/Hz	460/3/60	460/3/60	460/3/60	

Vecoplan's tradition of unrivaled quality, service and innovation continues with the latest in our line of low speed, high torque single shaft rotary shredders - the "New Generation" VAZ models.

Vecoplan's New Generation shredders incorporate a wide range of innovations that improve performance, increase durability and decrease maintenance time.

These features and options include:

- Cardan Shaft Drives
- Double Sidewalls
- Reversible Counter Knives
- Rotatable Screens
- Optional Hydraulic Swing-Up Screen Carriages
- Optinal Externally Adjustable Counter Knives

DETAILS		VAZ 1300 S	VAZ 1300 M	VAZ 1300 M XL	VAZ 1300 L	VAZ 1600 S	VAZ 1600 S XL	VAZ 1600 M	VAZ 1600 M XL
Hopper opening (WxL)	inch	52 x 50	52 x 58	52 x 58	52 x 68	62 x 58	62 x 58	62 x 80	62 x 80
Hopper volume	cubic yard	3.25	3.75	3.75	4.5	4.5	4.5	6.4	6.4
Rotor diameter	inch	15	15	20	15	15	15	15	20
Number of cutters	qty	37 / 60 (40×40)	37 / 60 (40x40)	37 / 60 (40x40)	35 / 60 (40x40)	42 / 74 (40x40)			
Rotor speed	rpm	120 - 145	120 - 145	120	120	80 - 200	80 - 200	80 - 200	80 - 200
Drive motor HP	НР	60 - 100	60 - 150	100	100	60 - 150	75, 125, 150	60 - 150	125 - 150
Feed system	HP / speed	3-5 / 2 speed	3-5 / 2 speed	3-5 / 2 speed	3-5 / 2 speed	10-2 / 2 speed	10-2 / 2 speed	10-2 / 2 speed	10-2 / 2 speed
Voltage	V/PH/Hz	460/3/60	460/3/60	460/3/60	460/3/60	460/3/60	460/3/60	460/3/60	460/3/60

# **Auxiliary Equipment**

#### Vecoplan 600 Pierce-&-Tear Shredder



DETAILS	Vecoplan 600	
Number of motors	qty	2
Drive motor HP	HP	60 (2 x 30)
Knife thickness	inch	5/8"
Number of knives	qty	108
Knife diameter	inch	8"
Cutting chamber	inch (WxD)	24" x 15"
Throughput	lbs / hr.	Up to 6,000





The VECOPLAN 600 Pierce & Tear Shredder sets new standards for a compact, powerful shredding solution. Twin 30HP motors provide greater power for larger throughputs - up to 6,000 lbs/hr.

- Pierce and Tear Shear Shredder High Throughput
- Easy Accessibility
- Large Infeed Hopper
- Heavy Duty Construction
- Oversized Drivetrain
- PLC Control Panel
- ISO 9001 Manufactured
- Up to 7,000 lbs/hr Throughput

Vecoplan
Auxiliary Equipment



Infeed Conveyors



**PATZ Conveyors** 



KKF Conveyors



**Box Dumpers** 



Magnetic Head Pulleys



Cross Belt Magnets



**Dust Collection Systems** 

## **Truck Unloading Systems**

Designed specifically to expedite the unloading of trucks while containing and removing the intrinsic dust, Vecoplan's Truck Unloading System greatly reduces the need for any manual labor when unloading your truck and feeding your baler. The system includes an unloading containment module constructed of steel that allows drivers to back the truck in, unload and pull away. The containment module includes an optional built-in pneumatic dust collection system and an enclosed inclined conveyor with feed chute that automatically transfers the shredded paper to your baler. Vecoplan's Truck Unloading Systems feature a small footprint, quick and simple installation, seamless operation, and an economical price tag.



Above Ground System



Pit Style System

- Small Footprint
- Optional Pneumatic
   Dust Collection System To
   Control Dust. Additional Collection
   Point on Baler Controls Baler Dust.
- Controls with Baler / Conveyor Interlocks Automatically Meters Material Into Baler
- Durable Vinyl Strips on Front Eliminates Need for Doors, Remaining Enclosure is Fabricated with Steel which Contains All Material, Eliminating Spillage and Mess
- Enclosed Incline Conveyor for Baler Loading

## **Vecoplan - Your Total System Solution**

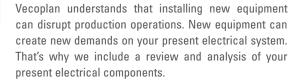








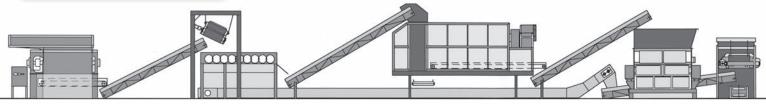
We provide complete material handling systems and design engineering including conveyors, pneumatics, metal detection and separation. American electrical control panels and components are available and may be fabricated to your specifications.



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









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