



VIZ Series

Infinitely flexible –

Designed for versatility, this adaptable shredder efficiently handles a wide array of materials.



Vecoplan - A Legacy of Innovation

Dynamic markets demand innovative thinking. Vecoplan stands at the forefront of innovation, offering cutting-edge technologies that revolutionize the waste and recycling industry. From shredders and granulators to conveying and sortation, Vecoplan's tailored equipment and systems redefine industry standards, meeting the needs of even the most demanding applications.

Global Presence

The growing emphasis on environmental preservation and the sustainable use of resources has fueled a global surge in awareness, interest, and demand for cutting-edge technologies in processing both primary and secondary materials.

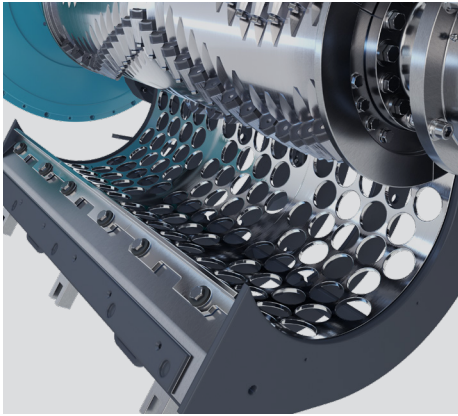
Vecoplan is ready to meet this demand worldwide. No matter the location, application, or the machines and systems in use - Vecoplan provides swift, reliable, and comprehensive service through its locations in the US and across Europe, as well as global sales and service centers.



Trusted Partner in Success

Vecoplan isn't just an equipment vendor; we're a solutions provider and dedicated partner. Our team works closely with customers, not only to identify the right solutions but also to implement them through system integration, space planning, centralized controls, and other strategic measures. With Vecoplan, you gain more than equipment; you gain a strategic partner committed to your success.

Infinite flexibility. Limitless potential.



Screen

- Swing away screen makes changes quick and easy
- Repositionable screen segments increase lifespan of wearing parts
- Additional screens available for varying output size requirements



Counter Knife

- Cutting gap can be adjusted from the outside
- Four-way indexable cutting inserts
- Serated, toothed design



Hydraulic Bottom Plate

- Improves access to cutting chamber
- Allows fast removal of impurities, decreasing down-time
- Easily switch out counter-knives and cutting crowns in a comfortable, ergonomic position
- Maintenance and servicing work can be carried out easily
- Hydraulic or electric plate drives available



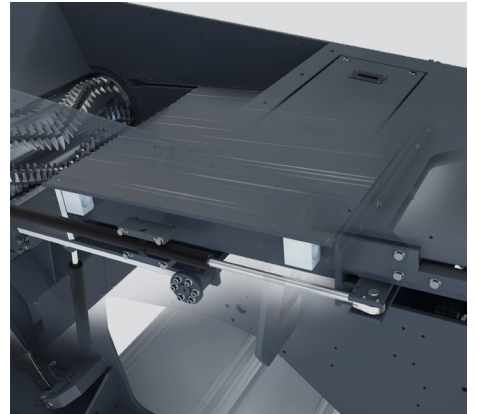
Frequently challenged by changing materials with varying requirements?

The VIZ series of shredders offer a variety of drive types, rotor designs, cutting options, and more to match your application.



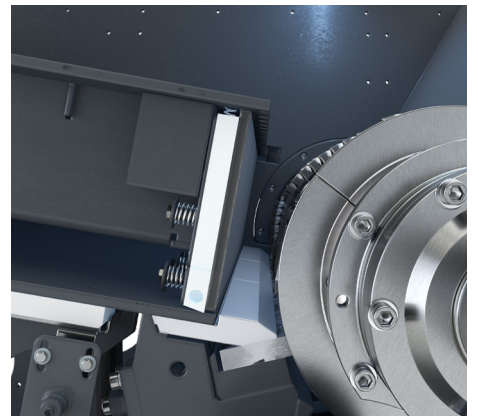
Machine Housing

- Large shredding chamber capable of shredding bales
- Optional integration of a second counter-knife
- Contoured design ensures easy cleaning and low susceptibility to dirt



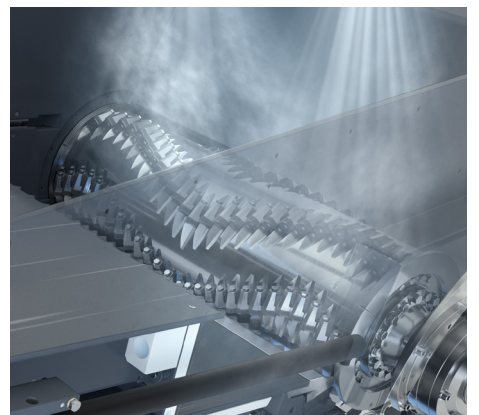
Ram

- Optimized ram height for shredding bales and bulky material
- Minimal distance to rotor, reduces material residue
- Pulling design of the ram hydraulic unit saves space and improves accessibility while preventing debris contamination
- Improved slide gate sealing
- Hydraulic or electric slide gate drives available



Material Cooling

- Strategic generation of steam during shredding process creates optimal heat dissipation
- As water converts to vapor, it does not affect the output material



Customize your shredder from A to V-I-Z

Configure the Vecoplan Infinity shredder to match your requirements. Choose between the HiTorc drive, with its powerful start-up phase and high torque or the frequency-controlled ESC belt-type, direct drive.

Both drives offer many features including variable adjustable speed ranges, foreign object detection, high dynamics, high durability, and low maintenance.



ESC drive

- Cost-effective operation
- Real-time slippage detection
- Intelligent, self-regulating drive
- Low maintenance and wear

HiTorc Drive

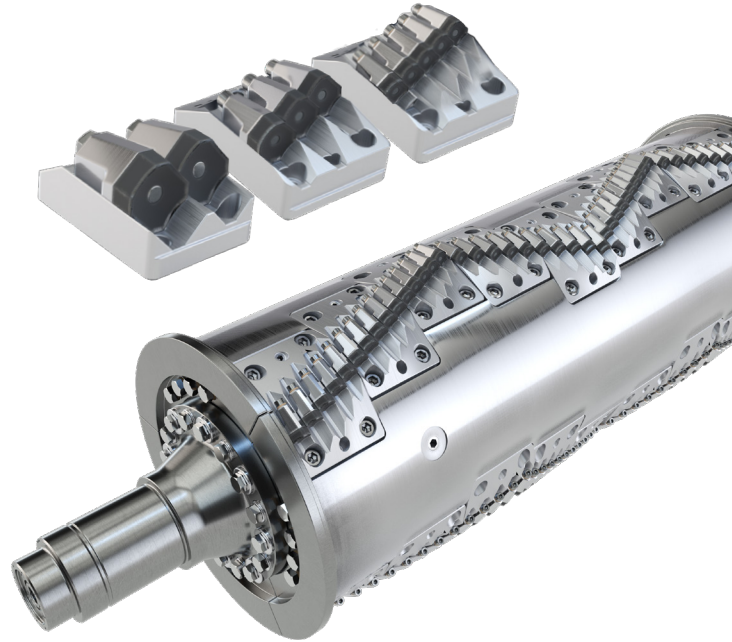
- Synchronous motor as direct drive without mechanical drive train
- Highest possible torque at low speed
- Smooth machine start-up with a full load
- Little to no maintenance or wear
- Low-noise operation

Revolution of the W-rotor & V-rotor

Infinitely adaptable and easier to maintain than ever before

The innovative rotor solution from Vecoplan offers numerous advantages in terms of cutting geometry. Bolted tool holder plates with variable cutting tip sizes make complicated and time consuming rotor changes a thing of the past.

Simply swap out holder plates and counter knives to quickly adjust cutting geometry, while the rotor remains in place. If a holder gets damaged, only the affected segments need to be replaced, eliminating the need for welding or replacing the entire rotor.



W and V-rotor with bolt-on tool holders

- Maximum flexibility
- Low investment and operating costs
- Highest availability
- Low fines content
- Offered with triple and quintuple cutting tools, depending on size



W and V-rotor with welded tool holders

- Maximum cutting performance and high throughput rates
- Homogeneous output quality with low fines fraction and little grain variance
- Offered with triple and quintuple number of knives (W-rotor)

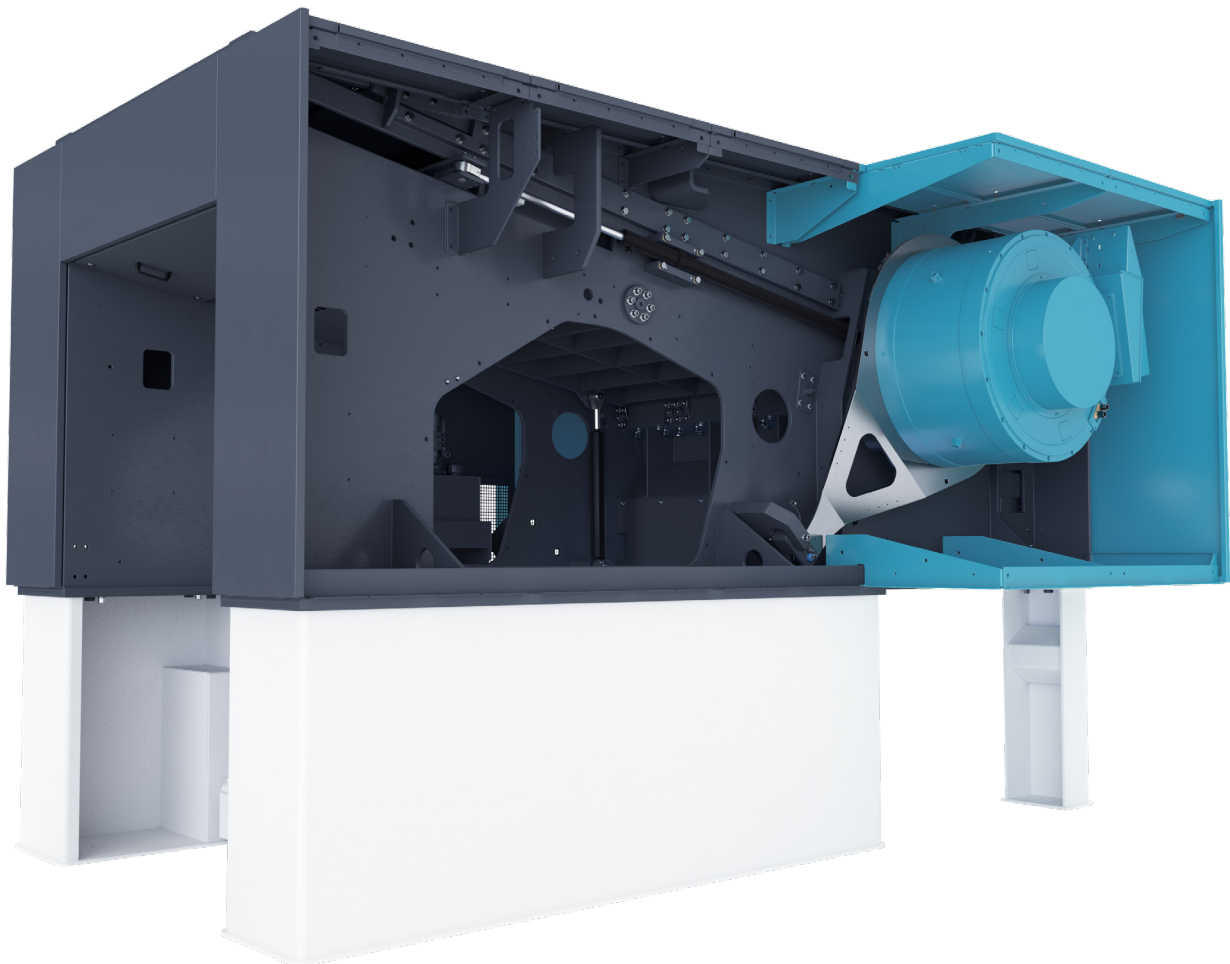


U-rotor with welded tool holders

- Profiled with toothed counter blade
- Offered with single to triple number of cutting tools, dependent on size

More power. Less maintenance.

Vecoplan's HiTorc™ system delivers maximum torque across a broad spectrum of speeds, ensuring high torque at elevated RPM levels while minimizing current draw. This results in decreased power usage and enhanced energy efficiency. With superior energy efficiency, reduced maintenance requirements, and heightened throughput, your business experiences sustained cost savings over time.



No Limits with the VIZ!

Take the next step in your process with Vecoplan's VIZ series of shredding solutions.



Your Advantages

Maximum flexibility

Low investment and operating costs

Low fines fraction

Proven rapid return on investment



Technical Details

Details		VIZ 1300 S5	VIZ 1300 S5T	VIZ 1300 L5	VIZ 1300 L5T	VIZ 1700 L5	VIZ 1700 L5T
Infeed opening (W x L)	Inch	50 x 48		50 x 73		66 x 73	
Rotor dimensions	Inch	Ø 20				Ø 20	
Motor output	HP	125, 50				175, 225	
Rotor speed	rpm	50 - 250					
Cutting tips 23 mm x 23 mm	W-rotor	•	•	•	•	•	•
	U-rotor	•	•	•	•	•	•
Cutting tips 40 mm x 40 mm	V-rotor	•	•	•	•	•	•
	W-rotor	•	•	•	•	•	•
	U-rotor	•	•	•	•	•	•
Cutting tips 60 mm x 60 mm	V-rotor	•	•	•	•	•	•
	U-rotor	•	•	•	•	•	•
Cutting tips 80 mm x 80 mm	U-rotor	–	–	–	–	•	•
Dimensions w/ ESC Drive (W x L)	Inch	99 x 112		99 x 163		134 x 163	
Dimensions w/ HiTorc Drive (W x L)	Inch	N/A		117 x 163		134 x 163	

Detailed dimension sheets and load information on request. Subject to technical changes without notice.



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