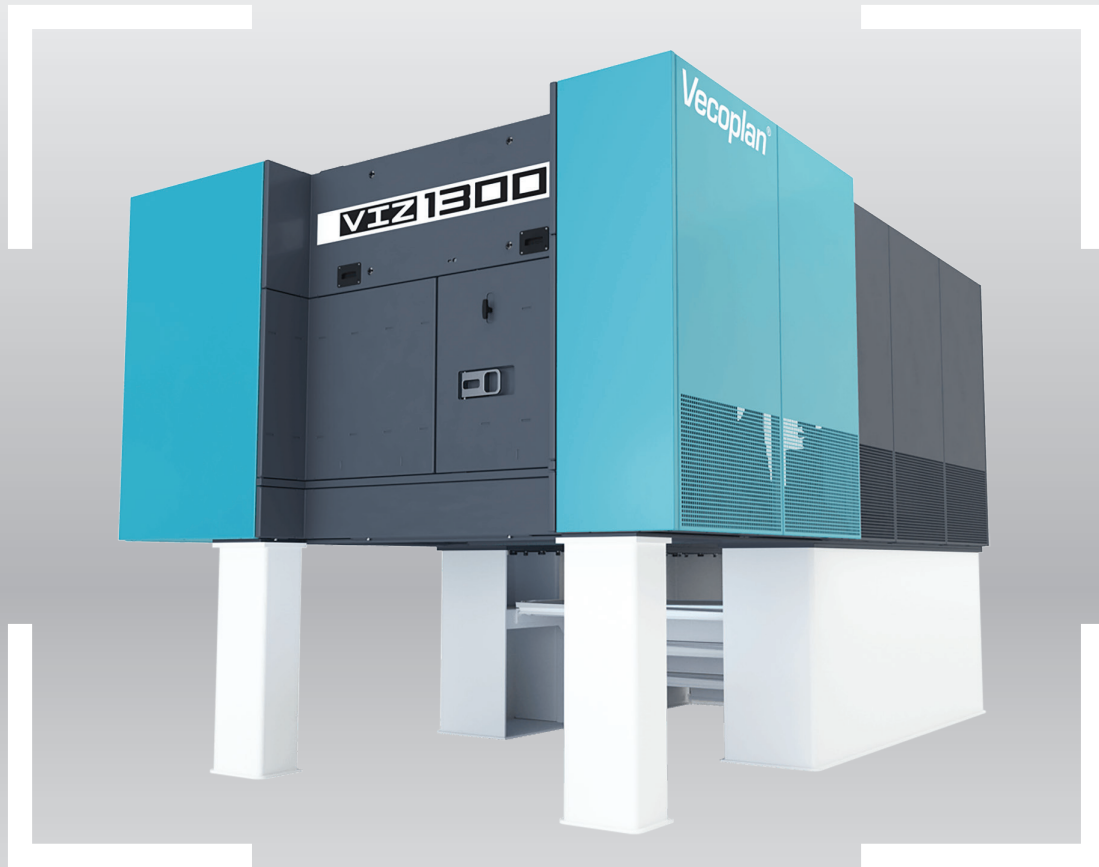


VIZ Series For Plastics

Vecoplan[®]

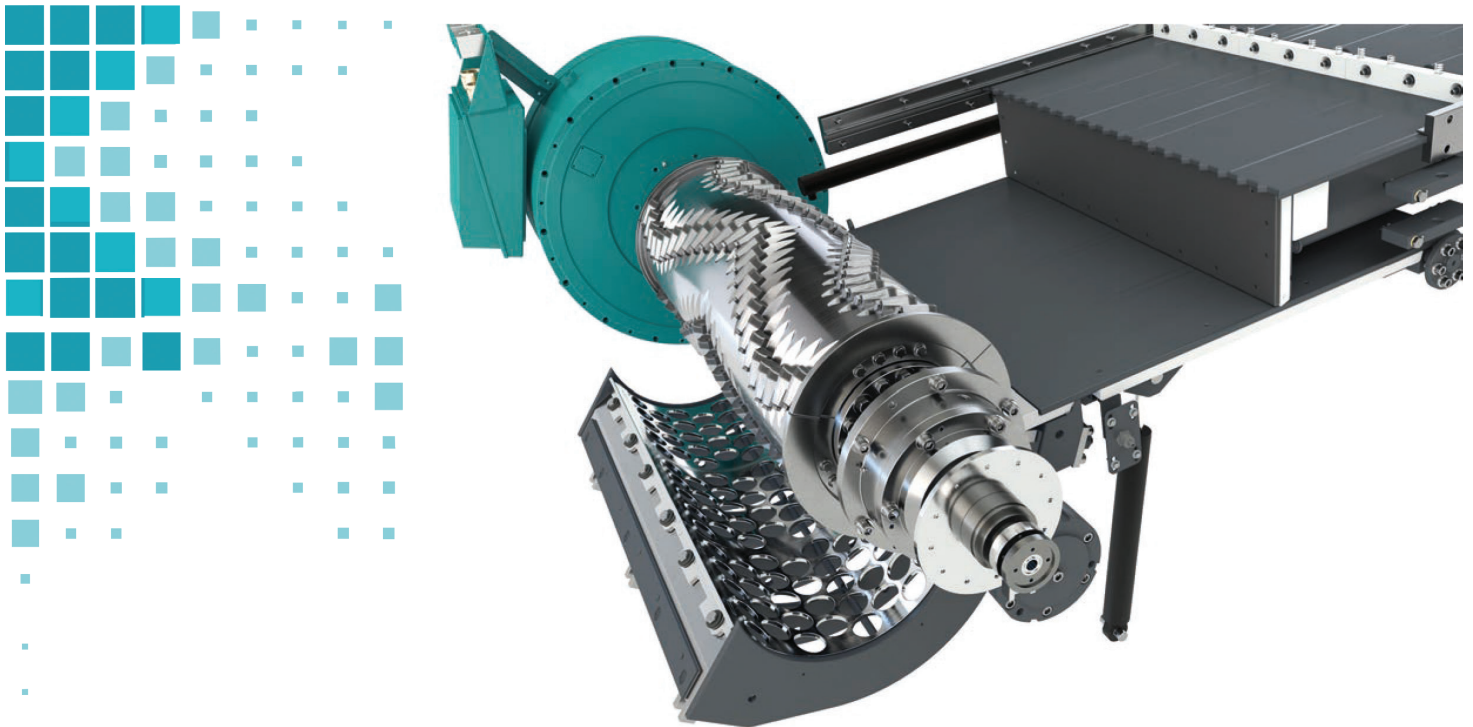


VIZ

Infinitely flexible –
The highly configurable plastics shredding machine

Customize your shredder from A to VIZ

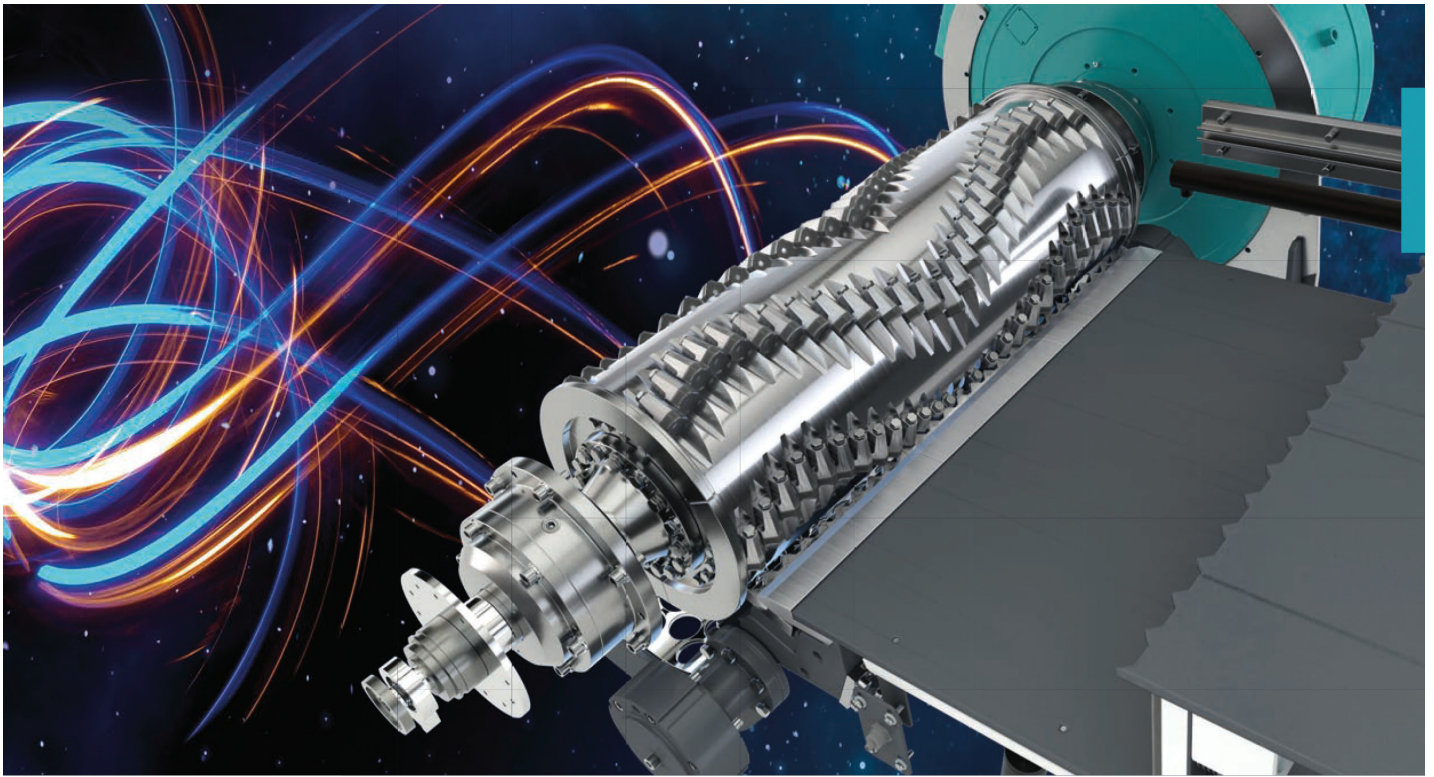
Configure the Vecoplan Infinity shredder to match your requirements. Select between the HiTorc™ drive with its powerful start-up phase and high torque, or the frequency-controlled ESC belt-type direct drive.



Do you have the challenge of frequently-changing materials with different requirements? The VIZ offers an outstandingly-efficient and adaptable machine concept without taking up lots of space.

What distinguishes Vecoplan drives:

- Frequency-controlled drive
- Variably adjustable speed range
- Foreign object detection
- Highly dynamic drive with fast reversing and restarting



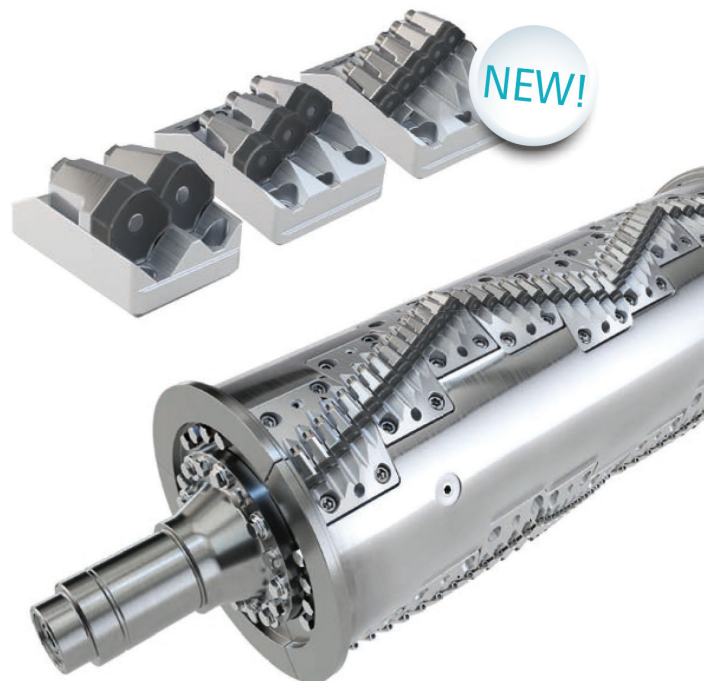
Transform your changeovers with the W rotor

Infinitely adaptable and easier to maintain than ever before

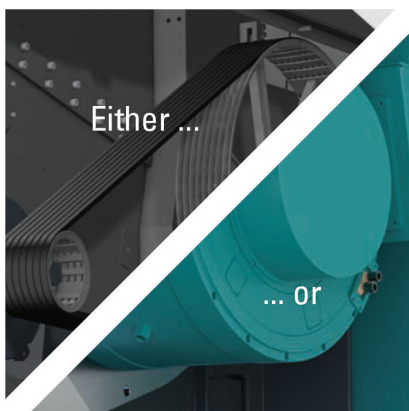
The W rotor from Vecoplan offers numerous advantages in terms of cutting geometry. Bolted tool holder plates with variable cutting tip sizes make rotor changes a thing of the past.

Do your output particle requirements often change? With the W rotor, multiple cutters are attached to a removable cutter holder plate. The result is reduced time spent changing cutter size because the rotor remains in the machine. The ergonomic accessibility of the rotor further makes changeovers easier than the traditional method.

In the event of a damaged cutter-holder segment, only the relevant segment is replaced instead of having to weld in individual holders or completely changing the rotor.



Infinite flexibility for changing requirements



Drive selection

Either the patented ESC drive ...

- Cost-effective operation
- Slippage detection in real time
- Intelligent, self-regulating drive
- Low maintenance and wear

or the patented HiTorc™ drive

- Synchronous motor as a direct drive without a mechanical drive train
- Highest possible torque at low speed
- Trouble-free start-up phase, even with a full hopper
- Maintenance-free and wear-free
- Remarkably quiet



Rotor selection

W/V rotor

- Maximum cutting performance and high throughput
- Homogeneous output quality with minimum fine dust and little particle variance
- Variable number of cutters from single row, triple row up to fivefold (W rotor only) row of cutters depending on cutter size
- Optional bolted tool holders for more flexibility and ease of maintenance (see page 3)



U rotor

- Profiled with toothed counter knife
- Variable number of cutters from single row up to triple row of cutters depending on cutter size



**Two
drive
options**

**Single-stage
shredding**

**Bale shredding
with both
machine types**

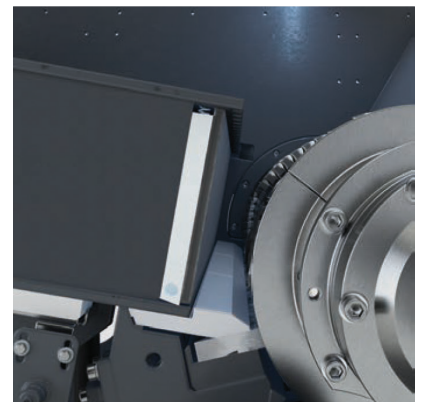
Optimized machine construction

- Large shredding chamber for shredding bales
- Optional subsequent integration of a second counter knife
- Contoured design for better cleaning and reduced susceptibility to dirt



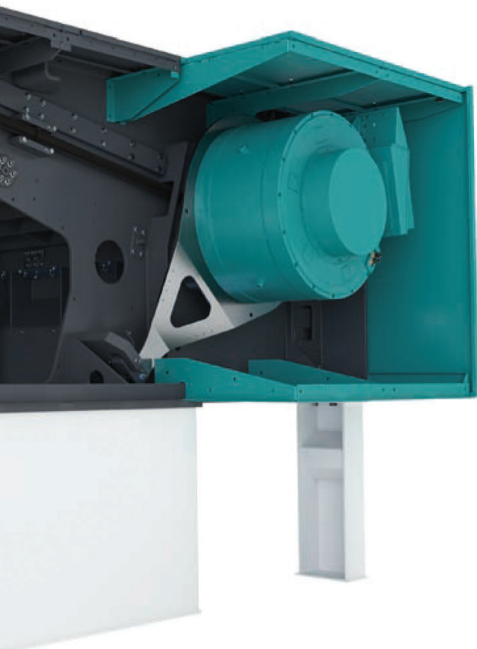
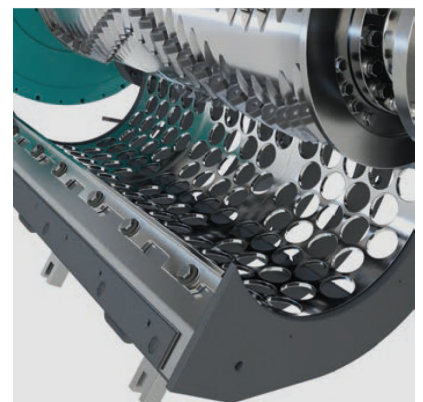
Ram

- Improved ram height makes the VIZ suitable for shredding bales and bulky pieces
- Distance to rotor is minimized, reducing material residues
- The 'pulling' design of the ram hydraulic unit prevents dirt and contamination, saves space and improves accessibility



Screen

- Swing-out, robust screen
- Simple, quick and safe exchangeability
- Additional screens available for varying output sizes
- Variable positioning of the screen segments gives wear parts maximum life



No limits

Be prepared for the future with the Vecoplan Infinity shredder.
Uses only one shredding stage, where other shredders need two.

Let us show you in detail how the VIZ advantages could improve your application and how you can optimally integrate it into your plant.
Contact us today at info@vecoplanllc.com

VIZ Benefits

Maximum flexibility

Low investment and operating costs
even for special requirements

Exceptional performance

Low fines fraction
(minimal losses)

=

Proven rapid return on investment

Technical details

Details		VIZ 1300-S	VIZ 1300	VIZ 1700
Infeed opening (W x L)	inch	50 x 48	50 x 73	66 x 73
Rotor diameter	inch	20	20	20
Motor output	HP ESC drive	125, 150	125, 150	175, 225
	HP HiTorc™ drive	NA	200	200, 225
Rotor speed	rpm	50 - 250	50 - 250	50 - 250
Cutter size 23mm x 23mm	U rotor	-	-	-
	V rotor	●	●	●
	W rotor	●	●	●
Cutter sizes 40mm x 40mm	U rotor	●	●	●
	V rotor	●	●	●
	W rotor	●	●	●
Cutter sizes 60mm x 60mm	U rotor	●	●	●
	V rotor	-	-	-
	W rotor	●	●	●
Cutter sizes 80mm x 80mm	U rotor	-	●	●
	V rotor	-	-	-
	W rotor	-	-	-
Overall dimensions ESC drive (W x L)		inch	99 x 112	99 x 163
Overall dimensions HiTorc™ drive (W x L)		inch	NA	117 x 163

Subject to technical changes. Detailed dimensional drawings and load data available on request. As at: 10/2019



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