

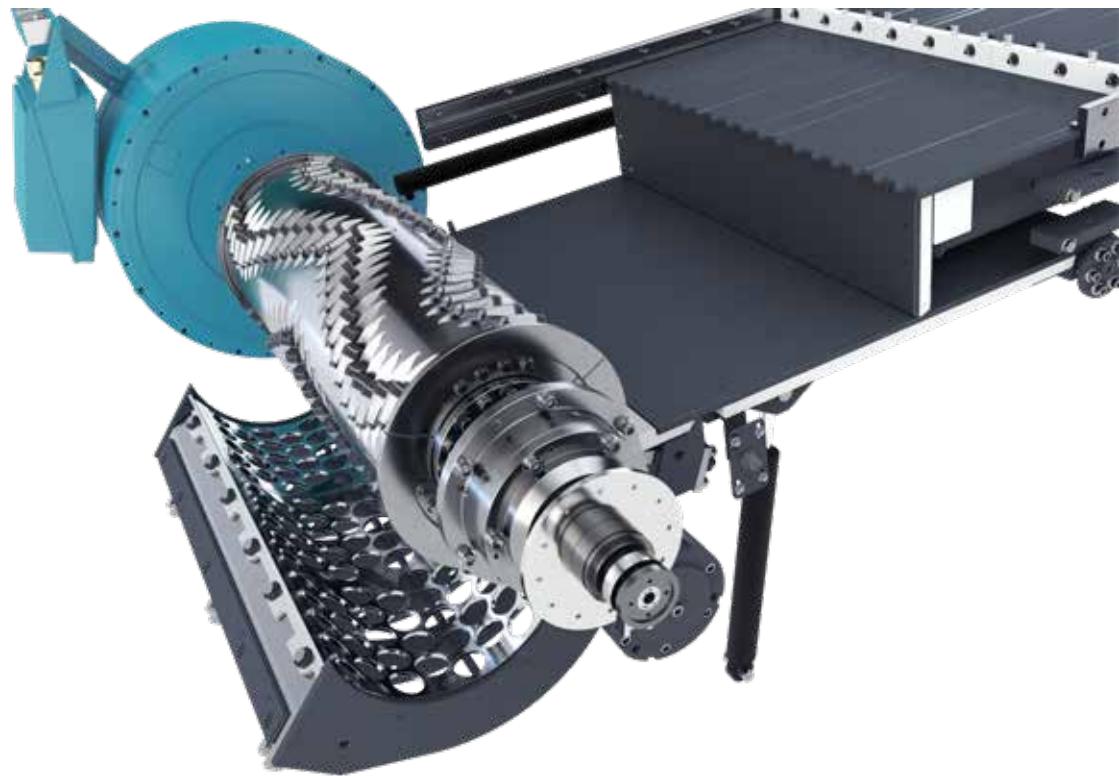


# VIZ

Infinately flexible –  
the ingeniously-adaptable shredder for reusable material

# You decide what drives you!

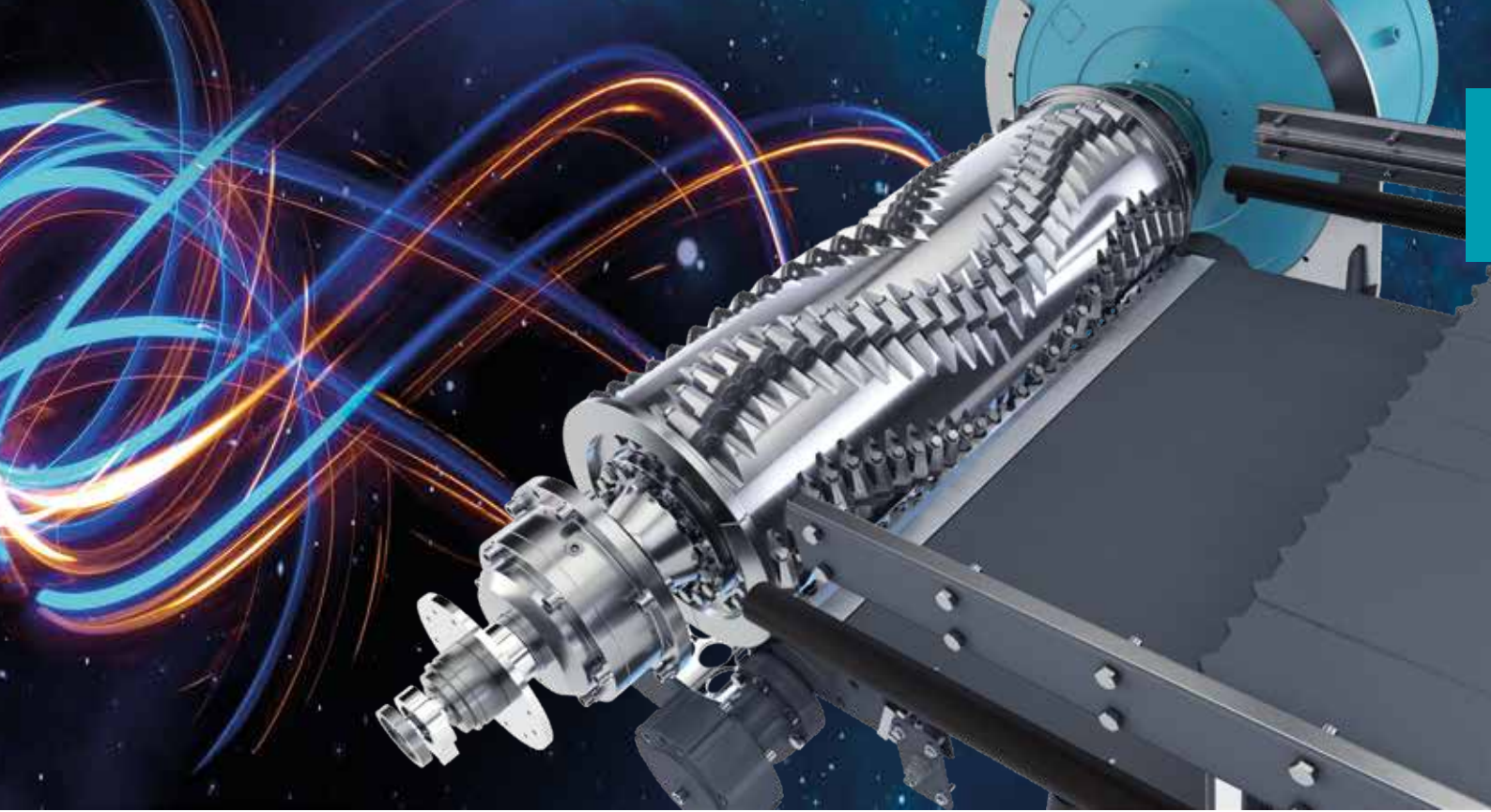
Configure the Vecoplan Infinity shredder to match your requirements and choose between the HiTorc drive with its powerful start-up phase and high torque, or the frequency-controlled ESC belt-type, direct drive.



Do you have a problem with frequently-changing materials with different requirements? The VIZ offers an outstandingly-efficient and adaptable machine concept in a minimum of space.

What distinguishes our drives:

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



# Revolution of the W-rotor

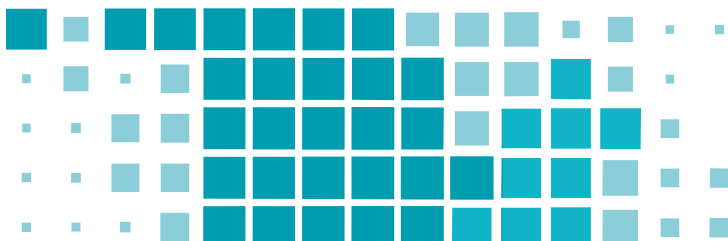
Infinitely adaptable and easier to maintain than ever before

The new rotor solution from Vecoplan offers numerous advantages in terms of cutting geometry: Thanks to the concept of bolted tool holder plates with variable cutting tip sizes, rotor changes are now a thing of the past.

Do your output grain requirements often change? You only have to exchange the retaining plates to quickly and easily adapt the cutting geometry to match different requirements.

The rotor remains in the machine. Even cutting tip changes can now be carried out in an ergonomically-suitable position – they no longer have to be performed on the rotor.

In the case of a damaged tool holder, you only have to replace the relevant segment – welding in individual holders or the complete replacement of the rotor is no longer necessary.



# Infinite flexibility for unlimited requirements



## Either the patented ESC drive ...

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

## or the patented HiTorq drive

- Synchronous motor as a direct drive without a mechanical drive train
- Highest possible torque at low speed
- Problem-free start-up phase, even with a full machine
- Maintenance-free and wear-free
- Virtually noiseless



## W/V-Rotor

- For maximum cutting performance and high throughput
- Homogeneous output quality with minimum fine dust and little grain variance
- Depending on the size available with variable number of cutters from triple number up to fivefold (W-rotor only) number of cutters
- *Optionally available with bolted tool holders for more flexibility and ease of maintenance (see page 3)*



## U-rotor

- Profiled, with toothed counter knife
- Depending on the size available with variable number of cutters from single number up to triple number of cutters





Selectable  
drive  
type

Single-stage  
shredding

Bale shredding

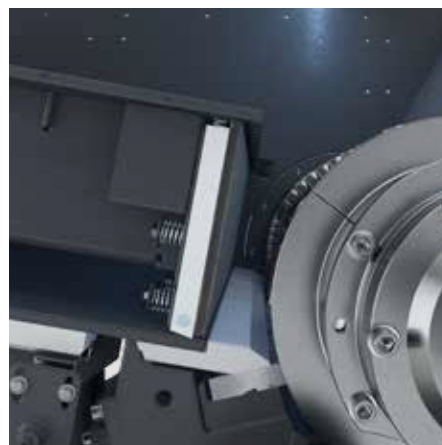
### Optimised machine construction

- Large shredding chamber for the shredding of closed bales, available from VIZ 1300.
- Optional subsequent integration of a second counter knife possible
- Closed contours for better cleaning and less susceptibility to dirt



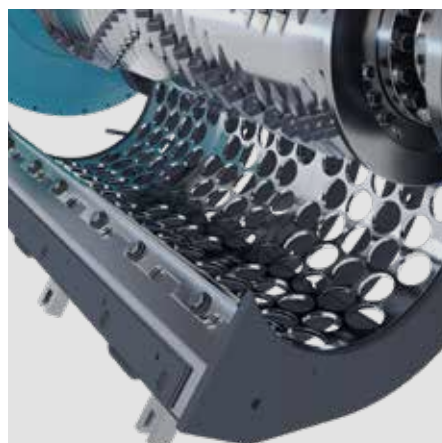
### Ram

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



### Screen

- Swing-away, robust screen
- Simple, quick and safe exchangeability
- Adjustment of grain size with optional different screen perforation
- Variable positioning of the screen segments means a maximum life cycle for wear parts



# No limits with the VIZ!

Think ahead with the Vecoplan Infinity shredder.  
Uses only one shredding stage, where other shredders need two.

We would be pleased to advise you personally and show you in detail how the VIZ advantages could affect your application and how you can optimally integrate it into your plant.

## Your advantages

Maximum flexibility

Low investment and  
operating costs even in the case of  
special requirements

Exceptional availability

Low fines fraction  
(minimal losses)

=

Proven rapid return on investment

# Technical details

Details		VIZ 1300 S	VIZ 1300 ST	VIZ 1300	VIZ 1300 T	VIZ 1700	VIZ 1700 T
Infeed opening (W x L)	mm	1255 x 1255		1255 x 1850		1670 x 1850	
Rotor dimensions	mm	Ø 495 x 1245				Ø 495 x 1660	
Motor output	kW	75, 90	110, 134	75, 90	110, 134	132, 160	110, 134, 203
Rotor speed	Rpm	95–265	110 kW → 60–200 134 kW → 60–230	95–265	110 kW → 60–200 134 kW → 60–230	100–300	110 kW → 60–200 134 kW → 60–230 203 kW → 60–340
Cutting tips 23 mm x 23 mm	U-rotor	–	–	–	–	–	–
	V-rotor	•	•	•	•	•	•
	W-rotor	•	•	•	•	•	•
Cutting tips 40 mm x 40 mm	U-rotor	•	•	•	•	•	•
	V-rotor	•	•	•	•	•	•
	W-rotor	•	•	•	•	•	•
Cutting tips 60 mm x 60 mm	U-rotor	•	•	•	•	•	•
	V-rotor	•	•	•	•	•	•
	W-rotor	•	•	•	•	•	•
Cutting tips 80 mm x 80 mm	U-rotor	–	–	–	–	•	•
	V-rotor	–	–	–	–	–	–
	W-rotor	–	–	–	–	–	–
Weight (without hopper and steel frame)	t	c approx a. 6,5	approx. 6,3	approx. 8,5	approx. 8,3	approx. 13,5	approx. 13,3
Overall dimensions (W x L x H)	mm	2500 x 2845 x 1350	2985 x 2845 x 1350	2560 x 4080 x 1600	3015 x 4080 x 1600	2975 x 4080 x 1600	3430 x 4080 x 1600

Subject to technical changes. Detailed dimensional drawings and load data available on request. As at: 07/2021



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