



ShredTion

An innovative and long-term solution for the efficient shredding of non-infectious medical waste.

Features

- Cost-saving volume reduction of disinfected medical waste
- Easy operation via modern PLC and operation display
- Automatically controlled waste intake ensures constant shredding which reduces wear on the equipment
- Low speed operation of 50 rotations/minute for high torque and less wear
- Screw conveyor with drain connection (stainless steel)

Equipment

- Large number of rotor knives for efficient shredding of waste material
- Screen made of high-quality special steel (determines size of shredded granulate – can be replaced easily if required)
- Easily replaceable rotor blades made of hard metal for long lifetime
- Large driving gear drive for quiet, low-vibration operation
- Hopper with lid and safety switch

Simple operation – Easy maintenance – Long lifetime

ShredTion

Dimensions

Dimension without conveyer		
Length	Width	Height
1600 mm	1000 mm	1600 mm

Dimension with conveyer		
Length	Width	Height
1600 mm	2600 mm	1600 mm

Space required for entire installation	2.0 x 2.6 m
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Gerätedaten

Hopper opening	500 x 500 mm	Power rating	15.0 A
Hopper capacity	ca. 0.15 m ³	Pre-fuse	20 A, slow-blow fuse
Working area	460 x 350 mm	Weight	approx. 750 kg
Rotor length	460 mm	Noise level	approx. 79.00 dB (A)
Rotor diameter	310 mm	Screw Conveyor	
Rotor knives	32 pieces	Distance	2600 mm
Quality rotor knives	hard-metal, 4 sharp sides	Diameter	120 mm
Stator knives	2 pieces	Arrangement	30°
Quality stator knives	hardened special-steel, 2 sharp sides	Dropping height	approx. 1250 mm
Rotor driving power	5.5 kW	Geared motor	0.37 kW; 3 x 400 V
Power supply	3 x 400 V / 50 Hz ± 5%		

Connection line, installed according to ÖVE / EN 60 204-1 item 15.1

Functional Data

Input material	Medical waste
Screen size	Standard 25 mm
Throughput	5 - 8 disinfected bags (70 liters) per hour; suitable for 1-3 SinTion-units

Technical data subject to change without notice.

Producer



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