

TSZ1500 (S)

Optimum processing
of large-volume chips
with **low investment costs!**

**ALL OF YOUR REQUIREMENTS
ARE IN EXPERT HANDS WITH US.**

As an owner-managed company, we are able to offer you personal consulting, short reaction times and customized solutions. Combined, of course, with comprehensive services and first-class quality made in Bavaria.

We look forward to your challenges.

Welcome to ERDWICH!

Core competencies:

- Shredding machines
- Plant engineering
- Service

SWARF-SHREDDING-DRUM - TSZ 1500 (S)



**INCREASE YOUR
PRODUCTIVITY
NOW!**

The development of our own swarf shredding drum with unique innovative contaminant ejection technology is based on many years of experience in various applications and the knowledge gained from this.

In many metalworking companies, decentralised chip disposal is not possible due to the local structure or for reasons of space.

The material feed is often limited to certain container sizes and an expansion to be able to feed the material into a machine all at once is usually associated with high investment costs and thus not economically feasible. The TSZ1500 swarf shredding drum with large-volume feed drum was developed precisely for this issue.

The material to be processed is tipped directly into the shredder in chip weighers by means of a forklift truck or lift-and-tilt device complete up to 1,200 l. The rotating feed drum feeds the material slowly and evenly to the cutting unit.

Any foreign bodies and solid parts are reliably ejected with the help of two hydraulically driven ejection flaps. This technology automatically detects foreign body impacts and overloads of the machine.

With a cutting unit size of 602 x 420 mm, the shredder achieves a throughput of up to 500 kg/h, depending on the nature of the material.

For small companies with discontinuous chip feeding.
ERDWICH swarf shredding drum.

The advantages at a glance:

- Automatic separation of the impurities from the material flow into coarse parts containers and discharge of the chips into the under-mounted chip conveyor
- Single-shaft technology with double contaminant ejection flap ensures smooth system operation even with a high proportion of solid parts in the chip volume
- Intelligent system control for automatic detection of solid parts with reversing operation



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**LARGE-VOLUME DRUM FEED AND PERFECT
CONTAMINANT SEPARATION FOR
CONTINUOUS OPERATION!**

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Made in
Bavaria

ADVANTAGES AND TECHNOLOGY



SWARF SHREDDING DRUM WITH DOUBLE IMPURITIES DISCHARGE FLAP!

With the swarf shredding drum, ERDWICH has developed a solution with which companies can handle their chip management in a process-safe manner.

Thanks to the large feed drum, up to 1,200 l of material can be tipped directly into the shredder by means of a forklift or lift-and-tilt device. The rotating feed drum feeds the material slowly and evenly to the cutting unit. Despite a homogeneous chip structure, there are often also impurities or solid parts in the material, which can lead to considerable damage.

This is why the ERDWICH innovation is even equipped with two hydraulically driven ejection flaps, which guarantee reliable ejection of even more complex contaminants.

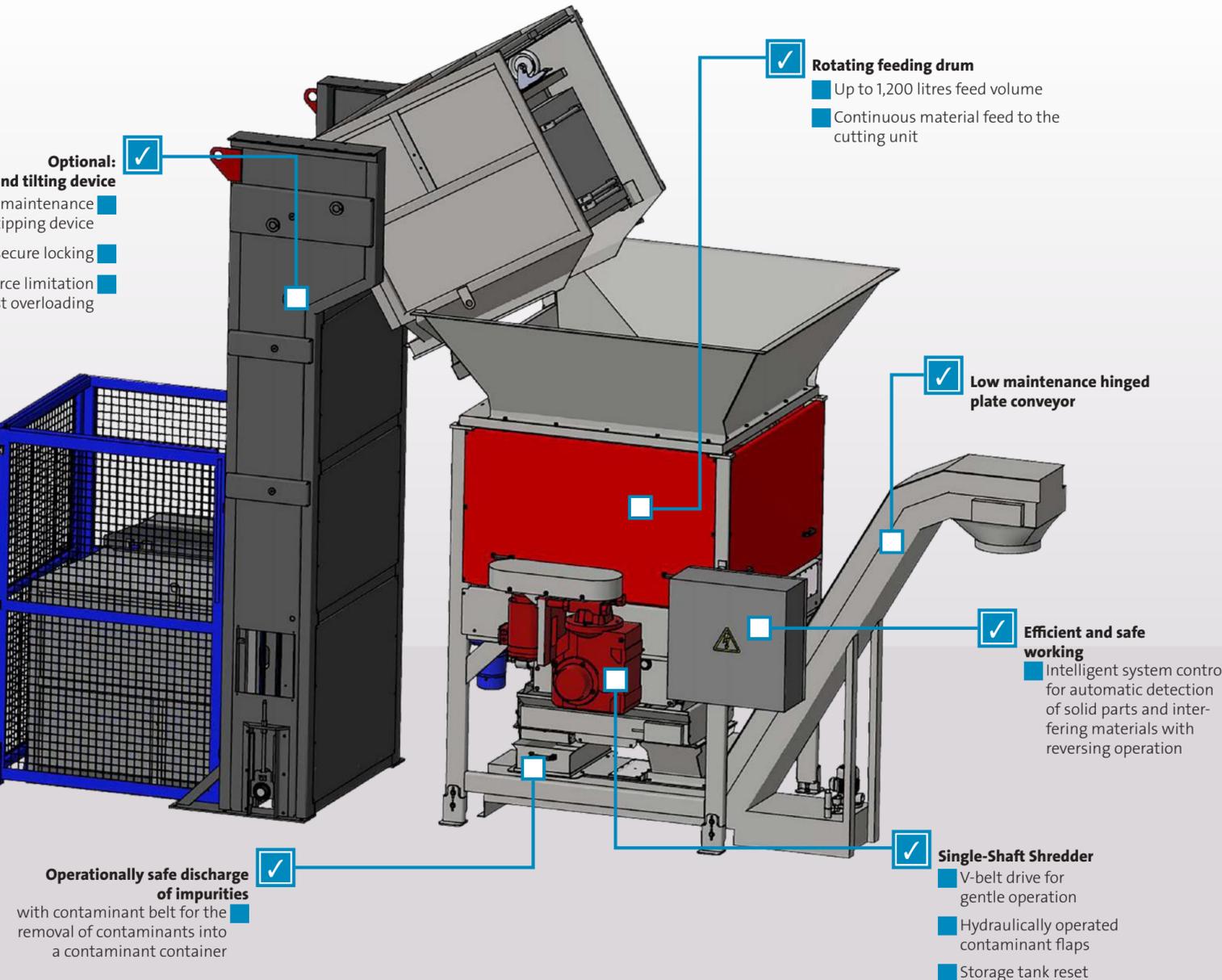
The ERDWICH swarf shredding drum is the ideal solution for companies with temporary feeding due to the combination of large feeding drum and small shredding machine.

The process-engineering revolutionary concept of the double contaminant discharge flap is also offered in combination with standard feeding systems.

Throughput rates*:

- Steel chips up to approx. 350 kg/h
- Aluminium chips up to approx. 200 kg/h

**dependent on chip dimension, structure and material



Technical data

Type	Number of shafts	Drive power in kW	Rotor length / diameter (mm)	Weight in kg	Blades thickness* in mm
TSZ1500	1	9,2	575 x Ø 242	1.380	25
TSZ1500S	1	5,5	575 x Ø 242	1.590	25

Dimensions	Dimension	TSZ1500(S)
Total length C	mm	2.000
Total height A	mm	2.620
Total width B	mm	2.275
Drum diameter D	mm	1.500
Drum height E	mm	1.300
Max. drum-filling level	Liter	1.200
Minimum building inside height F	mm	4.200

