

RIPPER - RM 1350

**TWO-SHAFT SYSTEM.
PARTICULARLY GENTLE.
HIGH EFFICIENCY.**



Our experience of over 30 years of manufacturing and developing shredding machines manifests itself again in this ripper technology which has been in use for several years.

The objective to obtain best results with a low drive power and to keep the costs of wearing parts as low as possible has been fully achieved with this technology.

Despite the most extreme stresses even with extraneous materials which cannot be processed, no spare parts have been required for these machines so far.

Electronic waste, washing machines, recycling of refrigerators, artificial turf, die-cast aluminium, bulk waste, household refuse, landfill reclamation and many other applications can be processed owing to the flexible machine engineering.

In combination with downstream hammer mills, granulators and separation technologies, we also offer complex turnkey plant engineering.

Technical highlights:

- High throughput rates
- Control regulated by frequency converter
- Most heavy steel construction
- Long service lives of the tools
- Low wear
- Very low noise levels

**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.

- Core competencies:**
- Shredding machines
 - Plant engineering
 - Service

We look forward to your challenges.

Welcome to ERDWICH!



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**INCREASE YOUR
PRODUCTIVITY
NOW!**

**THE SPECIALIST FOR COARSE MATERIALS
WHILST BEING INCREDIBLY GENTLE!**

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Made in Bavaria

ADVANTAGES AND TECHNOLOGY



The gentle ripper for processing the widest variety of materials.

When processing the widest variety of materials, homogeneous break down of materials is of great importance, as is also a gentle size reduction process.

It is in this area particularly, that the pre-shredder demonstrates its strengths. We are able to shred the material being processed so that the desired component size is obtained.

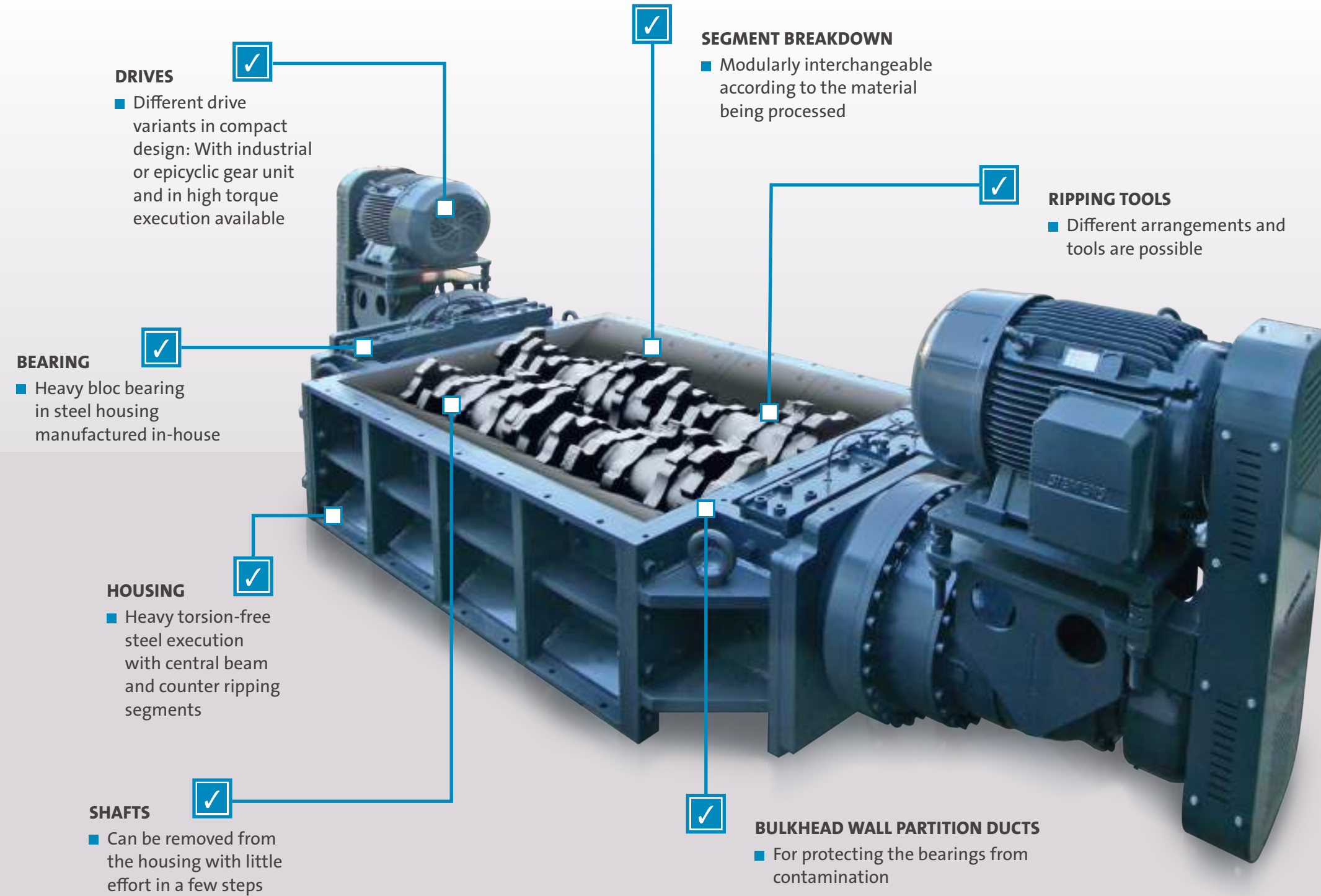
This is achieved by our novel ripper technology, offering, in contrast to the common cutting methods, the possibility of installing different ripping tools as well as of varying the arrangement of the tools on the rotors.

This allows continuous feed to the subsequent processes or direct preparation of materials for final further processing.

The two slow-speed shredding shafts carefully process all materials to be treated both in forward and reverse mode. Both shafts are speed-controlled and protected against overload independently from each other.

The easy accessibility to all tools in their installed state reduces considerably the maintenance costs. Compared to classic shredding machines, the tools do not have to be removed for reconditioning, but can be regenerated quickly and economically in situ simply by welding.

For the coarse jobs in life:
ERDWICH Ripper RM 1350.



DRIVES

- Different drive variants in compact design: With industrial or epicyclic gear unit and in high torque execution available

BEARING

- Heavy bloc bearing in steel housing manufactured in-house

HOUSING

- Heavy torsion-free steel execution with central beam and counter ripping segments

SHAFTS

- Can be removed from the housing with little effort in a few steps

SEGMENT BREAKDOWN

- Modularly interchangeable according to the material being processed

RIPPING TOOLS

- Different arrangements and tools are possible

BULKHEAD WALL PARTITION DUCTS

- For protecting the bearings from contamination



Technical data	RM 1350/2-1500	RM 1350/2-2000	RM 1350/2-2500
Shafts	2	2	2
Drive power	2 x 45–132 kW	2 x 45–132 kW	2 x 45–132 kW
Size of cutting gear (L x W mm)	1,500 x 1,350	2,000 x 1,350	2,500 x 1,350
Weight	17,000 kg	20,000 kg	23,000 kg
Cutting edge width	50–300 mm	50–300 mm	50–300 mm

Dimensions with compact gear unit

Overall length A	3,950 mm	4,450 mm	4,950 mm
Overall width B	2,300 mm	2,300 mm	2,300 mm
Overall height C	1,850 mm	1,850 mm	1,850 mm
Width of cutting gear D	1,350 mm	1,350 mm	1,350 mm
Length of cutting gear E	1,500 mm	2,000 mm	2,500 mm
Height of cutting gear F	600 mm	600 mm	600 mm

Dimensions with epicyclic gear unit

Overall length A	4,500 mm	5,000 mm	5,500 mm
Overall width B	2,300 mm	2,300 mm	2,300 mm
Overall height C	1,300–1,800 mm	1,300–1,800 mm	1,300–1,800 mm
Width of cutting gear D	1,350 mm	1,350 mm	1,350 mm
Length of cutting gear E	1,500 mm	2,000 mm	2,500 mm
Height of cutting gear F	600 mm	600 mm	600 mm

