

RIPPER - RM 1800

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

**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

RIPPER - RM 1800



**INCREASE YOUR
PRODUCTIVITY
NOW!**

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

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



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

www.erdwich.com

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 1800.

HOUSING

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

SEGMENT BREAKDOWN

- Modularly interchangeable according to the material being processed

RIPPING TOOLS

- Different arrangements and tools are possible

DRIVES

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

SHAFTS

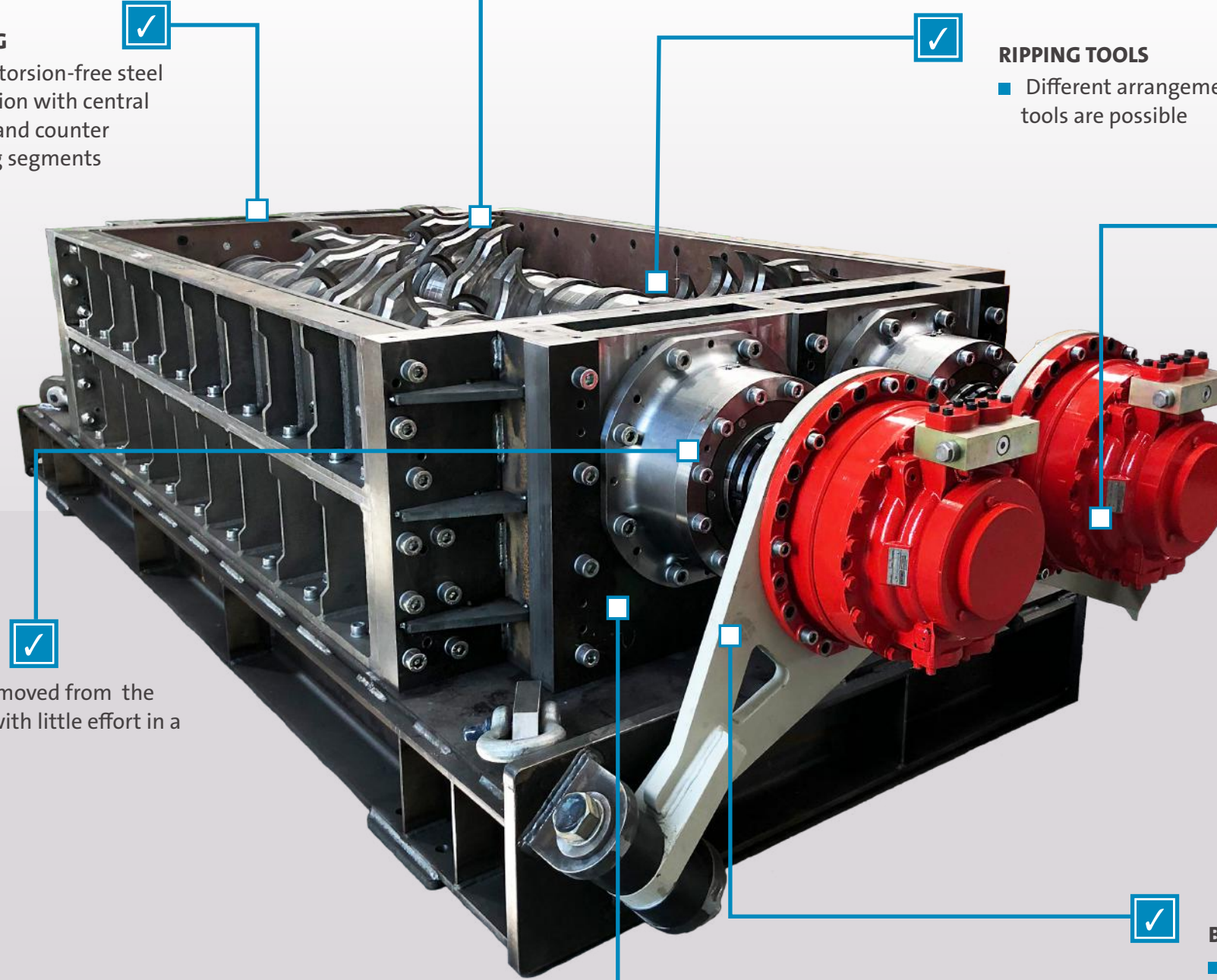
- Can be removed from the housing with little effort in a few steps

BULKHEAD WALL PARTITION DUCTS

- For protecting the bearings from contamination

BEARING

- Heavy bloc bearing in steel housing manufactured in-house



Technical data	RM 1800/2
Number of shafts	2
Drive power in kW	2 x 160
Total length L in mm	4.600
Total width W in mm	2.250
Total height H in mm	1.100
Cutting unit size (LxW) in mm	2.600 x 1.800
Weight in kg	22.000
Cutting width in mm	80–200

