

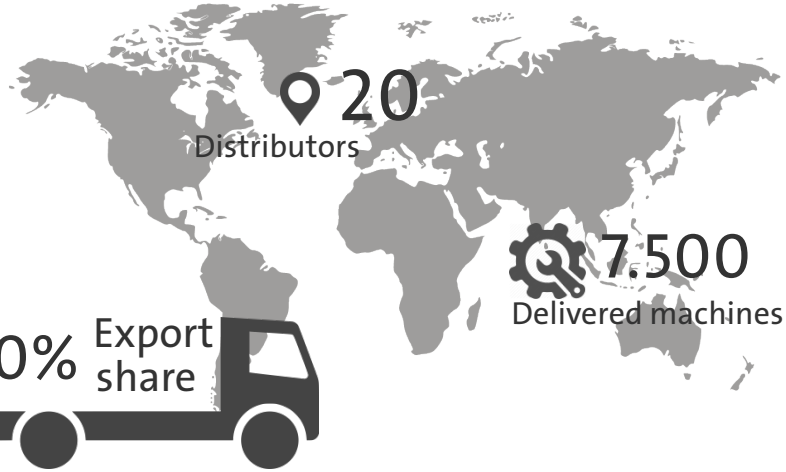
Erdwich Zerkleinerung-Systeme GmbH

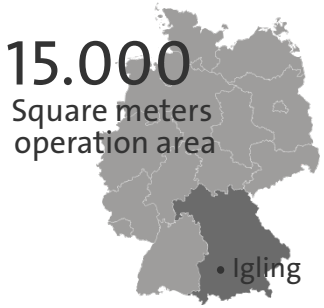
Engineering and production company for recycling and shredder technology

Erdwich Zerkleinerungs-Systeme GmbH

Innovative – Dynamic- Successful

ERDWICH
... SHREDDING UNLIMITED ...





40
Employees are involved in the success

1972
Founding year for drive/conveyor systems business

1981
Rebranding: Erdwich Zerkleinerungs-Systeme GmbH

2010
Construction of an in-house technical center

2017
Relocation to the new company premises in Igling

Erdwich references
Technology successfully used worldwide

ERDWICH
... SHREDDING UNLIMITED ...

With over 7,500 machines in more than 91 countries around the world, we are a medium-sized company with global success with our philosophy.

- ALBA Gruppe
- Audi
- BASF
- BMW AG
- LuK-Schaeffler Group (worldwide)
- Esso / Exon Mobile
- Frauenhofer Institut
- General Motors
- Heidelberger Druckmaschinen AG
- Leube Zement
- Siemens AG
- UPM - Kymmene
- VW
- Zahnradfabrik Friedrichshafen AG
- and many more



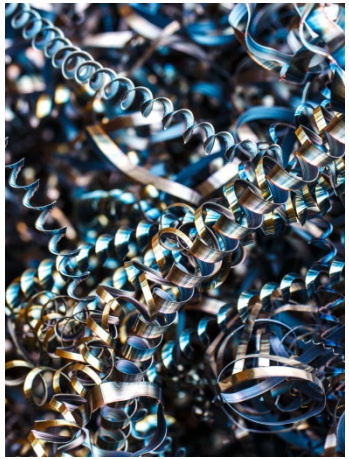
INNOVATION IS OUR STANDARD

Shredders & individual recycling systems

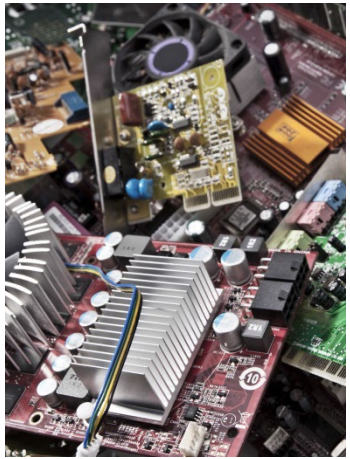
The variety of our applications

The right solution for every application

ERDWICH
... SHREDDING UNLIMITED ...



Metal swarfs



E-Waste



Refrigeratos



Cardboards



Cast elements

... and many more applications!

Product portfolio
Made in Bavaria

ERDWICH
... SHREDDING UNLIMITED ...



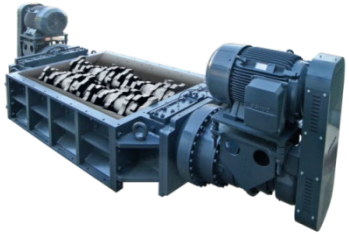
Single-Shaft Shredder



Two-Shaft Shredder



Three-Shaft Shedder



Ripper RM 1350



Ripper RM 1800



Hammer Mill



Cardboard Shredder



Swarf-Shredding-Drum



Rotary Valve



ELECTRICAL AND ELECTRONIC SCRAP RECYCLING with ERDWICH

WEEE processing

Processing techniques for every type of e-waste

ERDWICH
... SHREDDING UNLIMITED ...

ERDWICH processing processes

- Pre-sorting and selection of valuable raw materials
- Pollutant removal
- Gentle coarse size reduction and digestion
- Manual inspection and renewed selection of recyclables
- Automatic separation of the different fractions
- Specified post-granulation
- Fine separation of high-quality recyclables

➡ Compliant with new European standards CENELEC EN 50625-2-3 and CLL/TS 50625 of 3/4 July 2017

ERDWICH solutions

Generate new values from your e-waste

ERDWICH
... SHREDDING UNLIMITED ...



Hammer Mills



RM1350

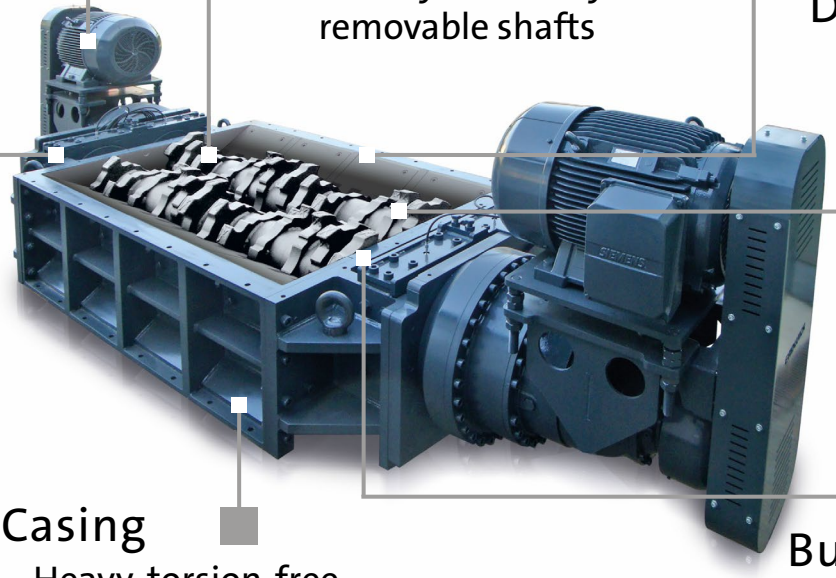


RM1800

Ripper RM1350

The specialist for the rough - the best at a glance

ERDWICH
... SHREDDING UNLIMITED ...



Drives
Different drive variants in compact design

Shafts
Quickly and easily removable shafts

Division
Modular interchangeable

Storage
Heavy block storage in self-made steel housings

Ripper
Different plug-in sequences and tools possible

Casing
Heavy, torsion-free steel design

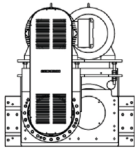
Bulkhead
To protect the bearings from contamination

Ripper RM1350

The specialist for the rough - technical data

ERDWICH
... SHREDDING UNLIMITED ...

Type	Number of shafts	Drive power in kW	Cutting unit size (LxW) mm	Weight (kg)	Width of rotor knife (mm)
RM1350/-1500	2	2 x 45 -132	1.500 x 1.350	17.000	50 - 300
RM1350/-2000	2	2 x 45 - 132	2.000 x 1.350	20.000	50 - 300
RM1350/-2500	2	2 x 45 - 132	2.500 x 1.350	23.000	50 - 300



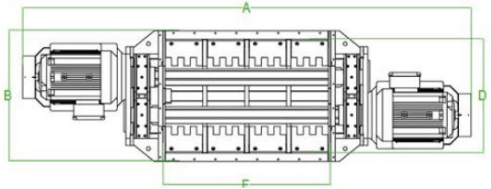


Dimensions with compact gear unit:				
	Dimension	RM1350/-1500	RM1350/-2000	RM1350/-2500
Overall lenght A	mm	3.950	4.450	4.950
Overall width B	mm	2.300	2.300	2.300
Overall height C	mm	1.850	1.850	1.850
Width of cutting gear D	mm	1.350	1.350	1.350
Length of cutting gear E	mm	1.500	2.000	2.500
Height of cutting gear F	mm	600	600	600

Dimensions with epicyclic gear unit:		
RM1350/-1500	RM1350/-2000	RM1350/-2500
4.500	5.000	5.500
2.300	2.300	2.300
1.300 - 1.800	1.300 - 1.800	1.300 - 1.800
1.350	1.350	1.350
1.500	2.000	2.500
600	600	600

Subject to technical changes.







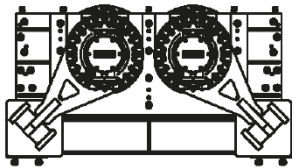
Ripper RM1800

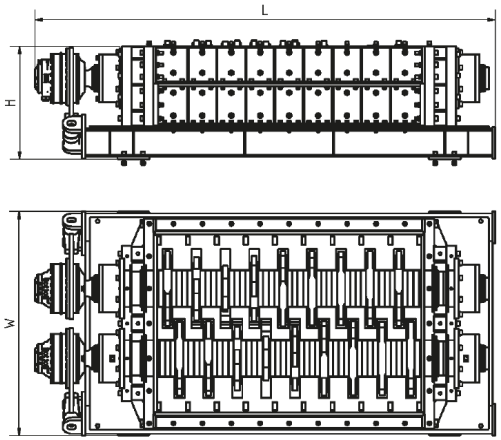
The specialist for the rough - technical data

ERDWICH
... SHREDDING UNLIMITED ...

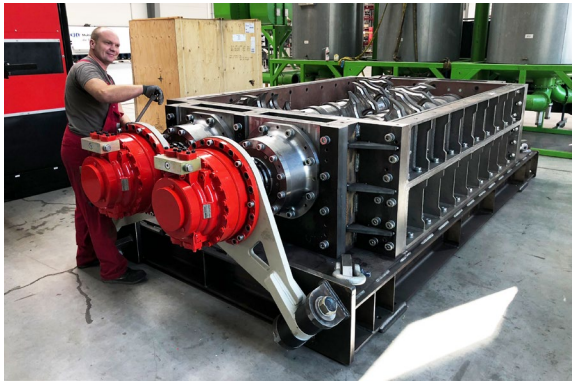
RM1800	
Number of shafts	2
Drive power in kW	2 x 160
Total length L in mm	4.600
Total width W in mm	2.250
Total height H in mm	1.100
Cutting unit size (lxB) in mm	2.600 x 1.800
Weight in kg	22.000
Width of rotor knife in mm	80-200

Subject to technical changes.





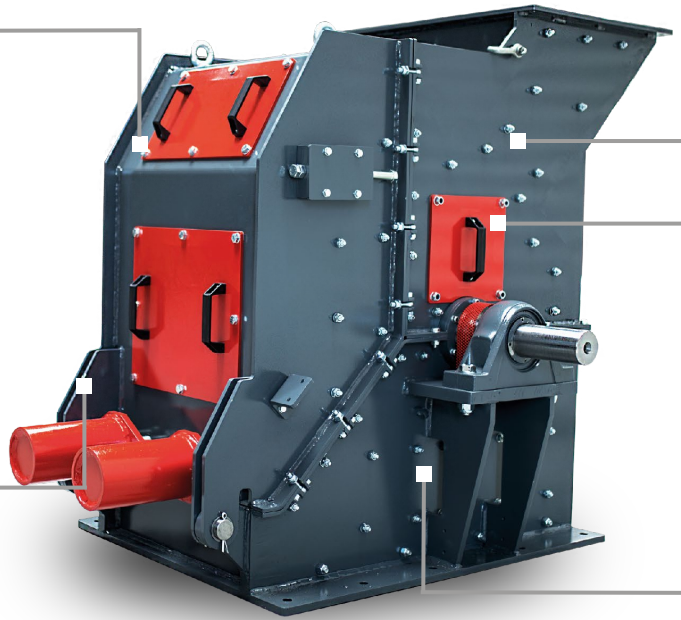




Hammer Mills HA600 and HA800

Top technology for hard and brittle materials

ERDWICH
... SHREDDING UNLIMITED ...



Maintenance openings for grinding plates
Direct access for quick maintenance

Housing dust execution
Special shaft and housing sealing

Controllable throughput of the particel size

Positioning of grinding track
Protection against overload through stable spring assemblies

Protected external shaft bearing

Hammer Mill HA600

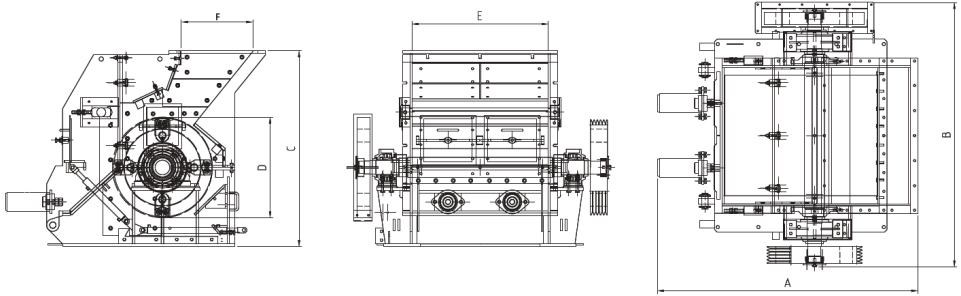
Top technology for hard and brittle materials

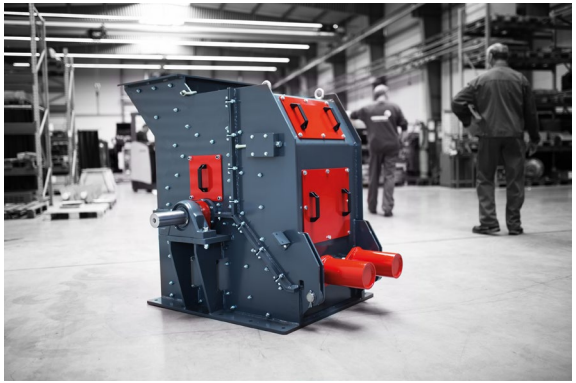
ERDWICH
... SHREDDING UNLIMITED ...

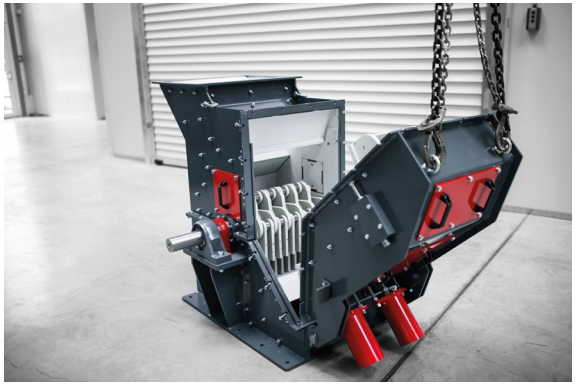
Type	Number of Rotors	Drive Power in kW	Rotor Diameter in mm	Weight in kg	Sieve grate aperture in mm
HA600/1-500	1	11 - 45	150	1,500	4 - 65
HA600/1-700	1	11 - 45	150	1,650	4 - 65

Dimensions:			
	Dimension	HA600/1-500	HA600/1-700
Total length A	mm	1,480	1,480
Total width B	mm	1,150	1,350
Total height C	mm	1,225	1,225
Impact range / crushing D	mm	630	630
Hammer area E	mm	500	700
Inlet port F (LxD)	mm	540 x 400	740 x 400

Subject to technical changes.







Hammer Mill HA800

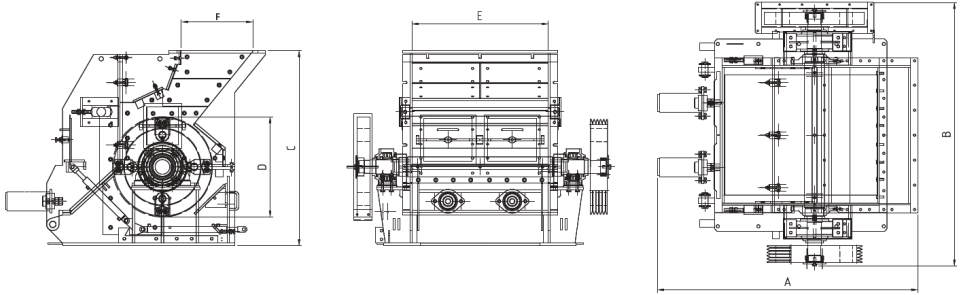
Top technology for hard and brittle materials

ERDWICH
... SHREDDING UNLIMITED ...

Type	Number of Rotors	Drive Power in kW	Rotor Diameter in mm	Weight in kg	Sieve grate aperture in mm
HA800/1-1000	1	45 - 132	610	9,000	8 - 100
HA800/1-1500	1	45 - 132	610	13,000	8 - 100

Dimensions:			
	Dimension	HA800/1-1000	HA800/1-1500
Total length A	mm	2,100	2,100
Total width B	mm	2,100	2,600
Total height C	mm	1,560	1,560
Impact range / crushing D	mm	800	800
Hammer area E	mm	1,000	1,500
Inlet port F (LxD)	mm	1,060 x 585	1,560 x 585

Subject to technical changes.







EcoPark Hong Kong – ALBA Group
8 processing lines from ERDWICH

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EcoPark Honkong – ALBA Group
8 processing lines from ERDWICH

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EcoPark Hong Kong – ALBA Group
8 processing lines from ERDWICH

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Ambigroup - Portugal
Refrigerator-Recycling plant

ERDWICH
... SHREDDING UNLIMITED ...







Ambigroup - Portugal
Refrigerator-Recycling plant

ERDWICH
... SHREDDING UNLIMITED ...





Ambigroup - Portugal
Refrigerator-Recycling plant

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... SHREDDING UNLIMITED ...











Refrigerant Extraction System KAA100

For VHC and VFC refrigerants

ERDWICH
... SHREDDING UNLIMITED ...







Refrigerant Extraction System KAA100

Highlights

- TÜV certified
  Explosion protection certificate, ATEX Directive 2014/34/EU
  AwSV certificate ("German Ordinance on Plants handling substances hazardous to water”)
- TA Luft compliant
- Integrated expansion area enables extraction from air-conditioning units with higher pressures
- Also suitable for air-conditioning units with the refrigerants type 400 (R407a, R410a) and defective refrigerant circuits
- The respective status of the plant is displayed on the user interface
- Oil and refrigerant collectors with sight glasses
- Separate intermediate storage tanks upstream of the on-site collection container with integrated overpressure reduction
- Integrated cleaning unit for overpressure reduction of the intermediate storage tanks
- Completely closed design with maintenance doors, forced ventilation and separate LEL monitoring
- Plant tested by notified body
- Can be integrated into existing extraction processes

The variety of our applications
... many more applications

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... SHREDDING UNLIMITED ...

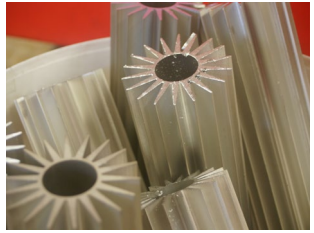
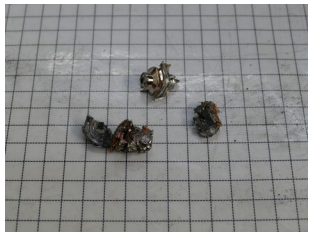
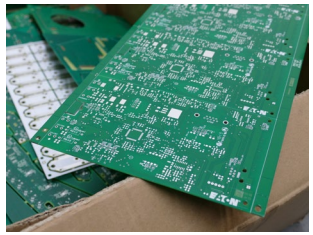
- Storage media
- Batteries
- Printers
- Computers
- PV modules
- Boilers
- Washing machines
- Printed circuit boards
- Solar panels
- Gas water heating systems

...and many more










Contact us

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