



A perfect use of plastic.



WEIMA Shredding Systems for Plastics and Recycling.

Ready for recycling!

Shredder for all types of plastic.

Activate your savings potential!

Get the most out of your plastic waste:

WEIMA Shredding Systems are your key to economical processing.

Whether for recycling of waste materials or for volume reduction:

As one of the world's leading manufacturers of shredders, WEIMA provides you with solutions that are tailor-made exactly to suit your requirements. Secure, long service life, energy efficient and highly productive!



Strong. Effective. Versatile. The WLK series

Tried a thousand times. Used all over the world: WEIMA WLK Universal Shredders take on virtually any material. Variable construction sizes and designs make it possible to adapt them exactly to suit your requirements.

WLK areas of use:

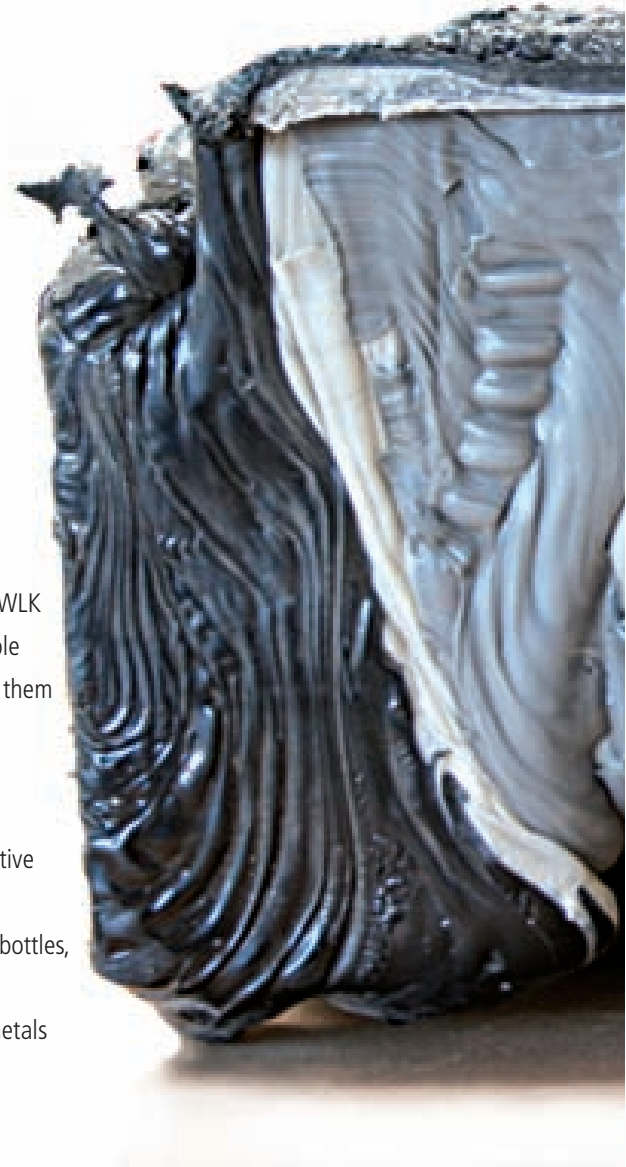
- Hard and solid plastics such as lumps, pipes, automotive parts
- Blow-moulding materials such as PET bottles, PE/PP bottles, IBC containers, buckets, yoghurt pots
- All other plastics as well as paper, cardboard, light metals etc.



Difficult materials? No problem! The WT series

The WEIMA WT series is ideal for shredding flexible materials such as foil, filaments, rubber. The WING-RAM pusher guarantees safe infeed of even contaminated or damp materials.

- Industrial, agricultural and packaging foil/film
- Filaments, big bags, tapes
- Carpets, textiles, foam
- Loose and non-bulky waste material





Hard lumps: A case for the WLK.

Meeting all demands.

Design series for special applications.

■ Increase your throughput rates! WLK Jumbo.

The universal shredder for maximum demands. Rotor diameters of up to 600 mm and an extremely rugged design ensure maximum throughput rates.

■ The finest shredded materials! WNZ and WSM granulators.

The high-performance machine series for the production of smallest end corn size. Ideal as a secondary shredder in two-stage systems. The WSM is also suitable for use as stand-alone solution.

■ Quiet performance!

ZMK four-shaft shredder.

Slow-running with low sound emissions. Ideal for long, bulky strips and sections, hollow parts, medical waste etc.



Bumpers



Yoghurt pots



Production waste



PET bottles



Plastic containers




Textiles



Foils



Foam

A close-up, low-angle shot of a WEIMA plastic shredder rotor. The rotor is a large, circular metal structure with a series of curved, pointed blades. A lift-up screen basket is visible, which allows for faster access to the rotor. The background is a bright, white, curved surface.

Quality. Know-how. Innovation. Features to work with.

The built-in lead!

It doesn't matter which series of WEIMA plastic shredders you choose: You will profit from "Quality made in Germany". And from advanced technology. The lead that creates genuine advantages for you: More performance and improved shredding results – lower energy, wear and maintenance costs!

Faster access to the rotor:
The lift-up screen basket.

Our R&D – so that you can save.

Innovations you can expect from the WLK and WT series:

■ Patented V-rotor with "Super-Cut" cutting gap adjustment.

Provides the optimum cut geometry which can be adjusted exactly to suit material requirements. Effect: More homogeneous shredding results, lower power consumption and less wear. The ideal solution for harder materials.

■ E-rotor.

The right choice for plastics which are difficult to shred. Guarantees optimum intake behaviour in the case of flexible materials such as foil or filaments. The rotor can also be supplied with Hardox coating as an option.

■ Pipespacer funnel.

Prevents the bridging of the materials being inserted and ensures controlled material infeed in the case of very large parts.

■ Trendsetting drive concepts.

Latest example: WEIMA Compact Drive. The patented drive provides an enormous torque and additional energy saving potential. In addition, WEIMA offers you direct, hydraulic and conventional drive systems – just the way it's needed for your application.

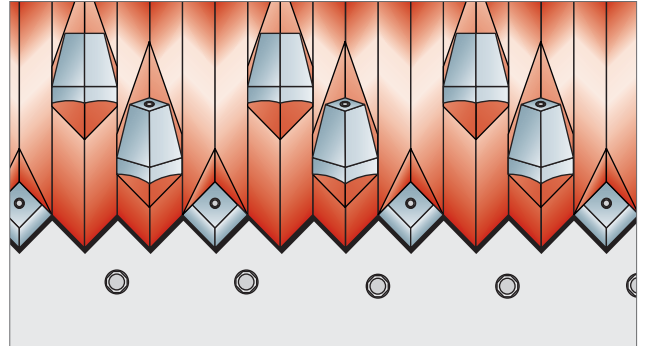
Two-stage first class.

The intelligent solution for the production of finer shredded materials: Two-stage plastic shredding with WEIMA. Possible combinations include a universal shredder from the WLK series and a granulator as secondary shredder.

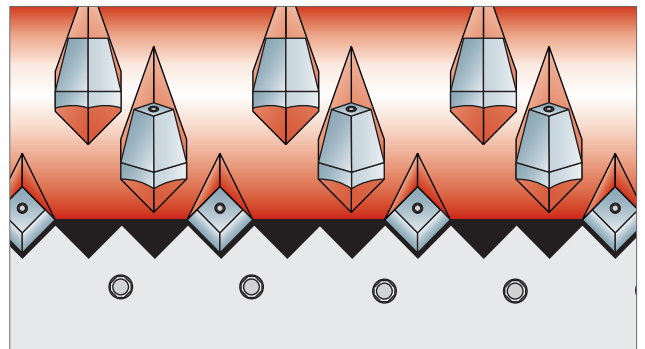
Your advantages:

- lower energy consumption, reduced knife wear
- considerable reduction in sound emission
- lower personnel costs by automated processes

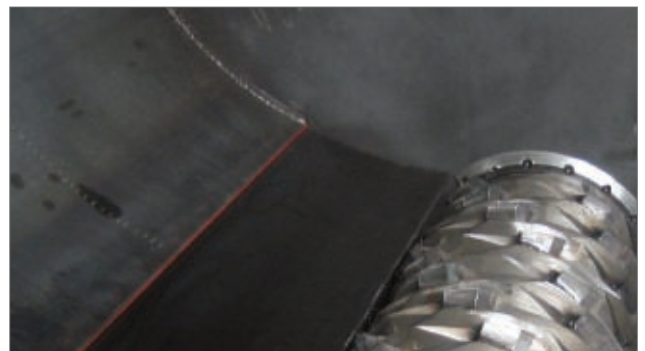
WEIMA – Your individual tailor-made solution!



The V-rotor principle: optimum shredding results through precise cutting gaps.



Designed for flexible materials: The E-rotor stands out because of its controlled intake behaviour.



So that everything goes well: the Pipespacer prevents bridging in the hopper.



More effective, less wear, quieter: two-stage shredding with WLK and WNZ.



20.000 machines worldwide. And always personally there for you.

Competence on your side.

Effectiveness through superior technology: WEIMA's lead is based on decades of experience. As a leading manufacturer of shredding machines, we develop the market's standards. Numerous patents and innovations prove the competence of our engineering department. More than 20,000 supplied machine solutions are evidence of the high standard of product quality.

Via a global network of branches and support centres, WEIMA of Ilsfeld services the global market. Our state-of-the-art production locations in Gross Naundorf and Ternberg (Austria) mean we are independent of suppliers and give us the security of being able to take appropriate action – rapidly and at any time. For maximum flexibility – completely in the interest of our customers!

Planning, realisation, service, lay out:

Everything from one source!

Anyone who chooses WEIMA makes a decision for comprehensive services – right from the start. Tailor-made to your specific request and production requirements, we create your individual shredding solution. Our spectrum ranges from competent advice and planning all the way to the complete realisation of your system – if required, including all necessary peripheral equipment. And to ensure that everything continues to run without any problems: Our Technical Support is there whenever you need it – with the shortest reaction times.

Major demands!
No problem!

To meet your individual demands, WEIMA supplies shredding solutions of any size – right up to the WLK Jumbo Series for extreme throughput rates.





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