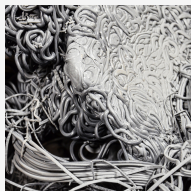
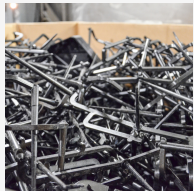


# Two-Stage Size Reduction

Bulk plastic waste to reusable granulate



shredding + granulating



overview

The two-stage system is the modern alternative to grinding, offering pre-shredding and granulating in one complete system. Once processed, material can be transported to silos or to bulk bags for easy storage and requires little to no operator involvement.

benefits

Integrating a two-stage system is the modern and intelligent alternative for size reduction.

- Makes it possible for granulation of bulky plastic waste without pre-cutting
- Separation of metals or non-ferrous materials
- Minimal wear and tear
- Extended knife life
- Easy access to screens and blades for maintenance
- Automated operation
- Large range of machinery sizes to meet the needs of each application

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# System Configurations + Options

Customizeable size reduction capabilities

components

1. Infeed conveyor
2. WLK Single-shaft shredder
3. Discharge conveyor
4. Control panel
5. Granulator

configurations

The system can be positioned in a stand-alone version or in a combo ("stacked") position. This two-stage system can be fully automated through a PLC control.

final stages

WEIMA also offers pneumatic discharge systems with bagging stations for the granulate to be sorted and stored.

applications

- Plastic drums/totes
- Composite decking
- Sprues and runners
- Blow molded scrap
- Pipes and profiles
- Purge, and more!



A large pipe is pre-shredded and subsequently converted into granulate. This material can be reintegrated into production or sold, thus diverting it from a landfill.