

Two Stage Size Reduction from bulk plastic waste to reusable granulate



The
Complete
Solution!



Two Stage Systems-Shredding and Grinding the economical system for granulation

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 or no operator involvement. Quick and easy access is provided to facilitate fast

color/material changes and ensures minimum down-time. Consistent quality regrind is produced from a system that has low power consumption and low noise emissions. This economical solution for your recycling needs is offered complete with automated separation systems.

Our Experience is your Advantage

Two Stage Systems, Shredding, Granulating

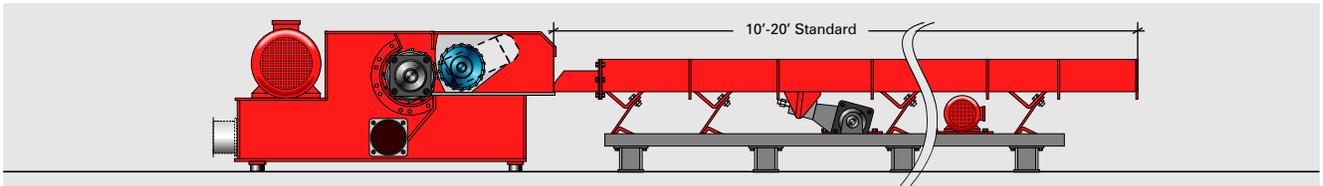
Pre-Shredding



Single-Shaft Shredder of the WLK Series



Four-Shaft Shredder of the ZMK Series



Single-Shaft Horizontal Shredder

Grinding



Closed Rotor Granulator of the NZ Series



Open Rotor Granulator of the SMW Series



Our Experience is your Advantage

Two Stage Systems, Shredding, Granulating

Turn-Key Systems, Shredding, Granulating

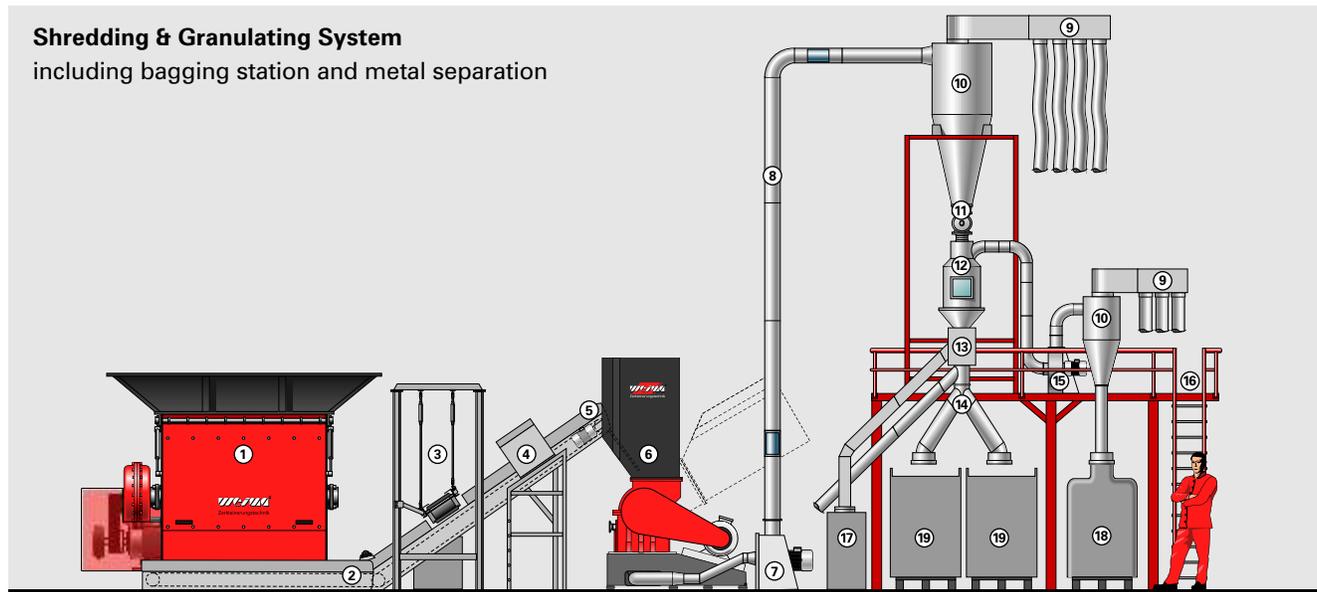


The WLK single-shaft shredder in combination with a WEIMA High Performance Granulator is the modern and economical solution for industrial size reduction applications. It provides the most efficient production with

less maintenance, minimized wear and tear and has little or no operator requirements. The fully automatic and intelligent system works with a minimum of power/energy consumption.

Shredding & Granulating System

including bagging station and metal separation



- ① WLK SINGLE-SHAFT SHREDDER (WLK 4 -WLK 30)
- ② conveyor with tramp metal separation
- ③ overbelt magnet with adjustable support frame
- ④ integrated metal detection in conveyor (optional)
- ⑤ magnetic drum integrated in conveyor
- ⑥ SMW HIGH PERFORMANCE GRANULATOR
- ⑦ blower/fan for material extraction
- ⑧ pipes with maintenance windows
- ⑨ filterbox and filtersacks (3, 6, 9, 12 pcs)
- ⑩ cyclone including maintenance door/window

- ⑪ rotary valve
- ⑫ fines and dust separator
- ⑬ all metal separator
- ⑭ diversion hose for twin or triple material extraction
- ⑮ blower/fan for fine/dust separation
- ⑯ maintenance platform with ladder
- ⑰ container/box for separated metal scrap (NE/FE)
- ⑱ container/box/bag for fines and dust
- ⑲ bags (BIG BAG) or octabins for granulate

Our Experience is your Advantage

Two Stage Systems, Shredding, Granulating



WLK 6

NZ 200/400

WLK/NZ – Side by Side version



Horizontal Shredding System for long profiles and cut-offs prior to SMW



WLK/NZ – Side by Side version with magnetic separation

Two Stage Granulating – the modern and intelligent alternative for size reduction

- Lower noise emissions
- Minimum wear and tear
- Extended knife life
- Easy and quick access to screens and blades for maintenance
- Less power consumption
- Separation of metals or non-ferrous materials
- Automated operation
- Tailor-made machine sizes
- Turn-key solutions

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

WEIMA also provides pneumatic discharge systems with bagging stations for the granulate.

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