

INNOVATIVE RECYCLING SYSTEMS

eFACTOR3 brings together a keen understanding of environmental, engineering and equipment issues to benefit companies interested in waste to energy, recycling and size reduction.



eFACTORTHREE

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PRE-SHREDDING



Metso Industries

Metso Industries is crushingly reliable when it comes to the supply of pre-shredding equipment. Produced by Metso, M&J shredder's unique, patented cutting-table and knife designs have made the company a leading producer of primary shredders for recycling and incineration plants, transfer stations and landfills and for RDF and chemical waste. M&J machines can be found in over 500 installations around the globe and most M&J shredders are available in mobile configurations with tracks or wheels for added versatility.

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SHREDDING



WEIMA

WEIMA offers the most versatile high capacity shredder line for the recycling and waste to energy industries. WEIMA shredders are unique in design and performance and are far more advanced than the conventional shredders available today. When you choose a WEIMA shredder you are guaranteed a high quality, reliable, efficient and robust shredder that provides high shredding capacity at low cost per lb. The WEIMA PowerLine and FineCut series are also available for secondary grinding in multistage systems. With high rotor speeds and outputs, the FineCut is an ideal solution for the production of RDF/PEF.

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GRANULATING / 2-STAGE



TRIA

Since 1954, TRIA has specialized in the design and manufacturing of rotary knife-granulators and grinding systems for in-line or centralized plastic recovery. They design and build single granulators as well as complete granulating systems for inline applications. The TRIA product line ranges from small granulators for beside the press to large granulators for the recycling industry. With an innovative design, they provide higher levels of efficiency and fewer “fines”, resulting in a higher quality product and greater profits.

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CONVEYING AND WIND SIFTING



Westeria

Westeria Foerdertechnik GmbH is a manufacturer of conveying and wind sifting technology specifically designed for the waste to energy and recycling industries. They also manufacture a large range of bunker systems with moving floors for the storage of fuel and mobile wind sifting equipment.

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SCREENING

**Spaleck**

Whether it be recycling, the chemical industry, food processing, metallurgy (mining), construction works or non-metallic mineral processing, the SPALECK conveying and separating technology is to be found in each and every area. The proven screening solution for recyclable materials. The SPALECK recyclable material screen is a circular vibrating screen driven by an AC motor. The impact area has a solid surface, which ensures good material flow, increases the service life of the screen panels and avoids blockages.

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EXTRUSION & CLEANING

**MAS**

MAS plastic extrusion equipment provides an economical alternative for optimum compounding and processing of plastics. New Conical Technology (NCT), developed by MAS, is based on a conical, co-rotating twin screw extruder which provides high volume throughput per revolution with excellent melt pressure stability and some of the lowest melt temperatures possible. The MAS extruder is perfect for processing all sorts of Thermoplastics as well as WPC (Wood Plastic Composites), PPC (Paper Plastic Composites), Bio Plastic and many other types of materials. It can be used for re-pelletizing and for direct extrusion to products. In addition, MAS produces a dry cleaning system that will let you wash without water. This provides a modern alternative to wet cleaning within the recycling process. Plastic parts are effectively cleaned with tried and trusted DRD (Double Rotor Disk) Technology.



Whatever you intend to recycle or turn into an alternative fuel, eFACTOR3 can provide a custom solution to meet your needs. We also provide systems integration and installation to ensure the success of our clients. With our team of quality manufacturers, you'll get the best solution to meet the challenges of your unique environment.

A turn-key supplier for the Waste to Energy, C&D, MSW and Plastics industries, we represent some of the world's finest equipment manufacturers for:

- Pre-shredding
- Screening
- Wind Sifting
- Shredding
- Conveying
- Granulating
- Cleaning
- Extrusion

eFACTOR3 represents the following innovative manufacturers:



eFACTORTHREE

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