

PRODUCT DESTRUCTION & SHREDDING SOLUTIONS

wasteinitiatives.com.au

 **WASTE
INITIATIVES**
WASTE EQUIPMENT SOLUTIONS

DELIVERING INNOVATIVE AND DURABLE WASTE MANAGEMENT SOLUTIONS AUSTRALIA-WIDE.

PRODUCT DESTRUCTION SOLUTIONS FOR PRODUCTS & MATERIALS THAT ARE:



Obsolete,
Expired



Recalled,
Damaged



Sensitive,
Branded



Regulated,
Difficult to
Discard



Recyclable
Components

Medical & Hazardous Waste • Secure Documents • Regulated Label Destruction
Branded Products • Stock Write-Off • E-Waste • Pharma Waste • Organic Waste
Hospitality Waste • Supermarket Waste • Timber Waste • Biomass • EOL Tyres
Packaged Food & Co Products • Liquids Dewatering • Packaging



PRODUCT DESTRUCTION ENGINEERED SOLUTIONS FOR EFFECTIVE WASTE MANAGEMENT

Discover efficient solutions with our Product Destruction systems, designed to help businesses and government enterprises effectively meet their waste management goals, and comply with government regulations and mandates. Our advanced equipment ensures reliable and secure destruction, providing peace of mind and environmental responsibility.

Product destruction protects brands, businesses, customers, and the environment by safely disposing of sensitive, outdated, illegal, or hard-to-dispose-of items. Proper methods ensure complete eradication of sensitive data and branded materials, preventing misuse and environmental harm. Opportunities lie in recycling materials from destroyed products, such as tyres for TDF, organic and timber waste for biofuel. Waste Initiatives offers tailored solutions for a wide range of waste materials and products, using high-quality equipment including:

- **1, 2 and 4 shaft Shredders:** For efficient and secure waste reduction.
- **Depackaging units:** Separate packaging from organic materials for destruction, further recycling and biogas production.
- **Drum crushers, glass crushers, compactors and baling units:** Integrated in PD systems.
- **Sorting systems:** Enhance waste management efficiency.

Talk to our Equipment specialists to find out how Waste Initiatives can provide a waste management solution tailored to your needs.

SECURE DOCUMENT DESTRUCTION

INTEGRATED PAPER SORT, SHRED AND BALE LINE



WASTE INITIATIVES PROVIDE QUALITY **SECURE DOCUMENT DESTRUCTION SYSTEMS** FOR YOUR BUSINESS NEEDS. COMPONENTS INCLUDING PAPER SORTING, SHREDDING AND BALING FOR A COMPLETE WASTE DESTRUCTION SOLUTION.

— AREA OF USE

Secure document destruction facilities managing clients sensitive paper waste.

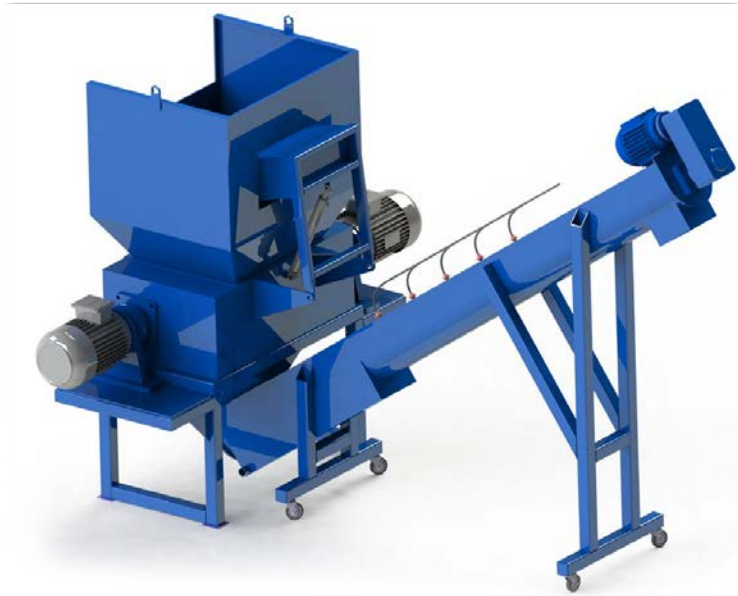
— TYPICAL EQUIPMENT

Bin Tipper, Sorting Tables, Industrial Paper Shredders, Conveyors, Horizontal Baler



PACKAGED LIQUID WASTE

PACKAGED LIQUID
PRODUCT DESTRUCTION
SYSTEM



WASTE INITIATIVES OFFER **PACKAGED LIQUID PRODUCT DESTRUCTION SYSTEMS** THAT SEPARATE LIQUID FROM PACKAGING AND RESIZE MATERIALS FOR SUSTAINABLE DISPOSAL AND RECYCLING TO REDUCE THE VOLUME OF WASTE GOING TO LANDFILL.

— AREA OF USE

Food manufacturers and processing facilities handling packaged liquid food and co-products.

— TYPICAL EQUIPMENT

Hoppers, Bin Tippers, Glass Crushers, Shredders, Screw Augers, Conveyors, Separators, Shaker Screens, Wash Tanks.



PACKAGED ORGANIC WASTE

FOODS/ORGANICS
DEPACKAGING LINE



WASTE INITIATIVES BRING YOU **ORGANIC DEPACKAGING SYSTEMS** FOR THE DESTRUCTION OF PACKAGED FOOD AND ORGANIC WASTE FROM MANUFACTURERS, DISTRIBUTORS AND RETAILERS. OUR MAVITEC SYSTEMS ARE DESIGNED TO SEPARATE THE PACKAGING FROM THE ORGANIC MATERIAL, PRODUCING A 99.7% CLEAN OUTPUT SUITABLE FOR BIOGAS/COMPOST USE.

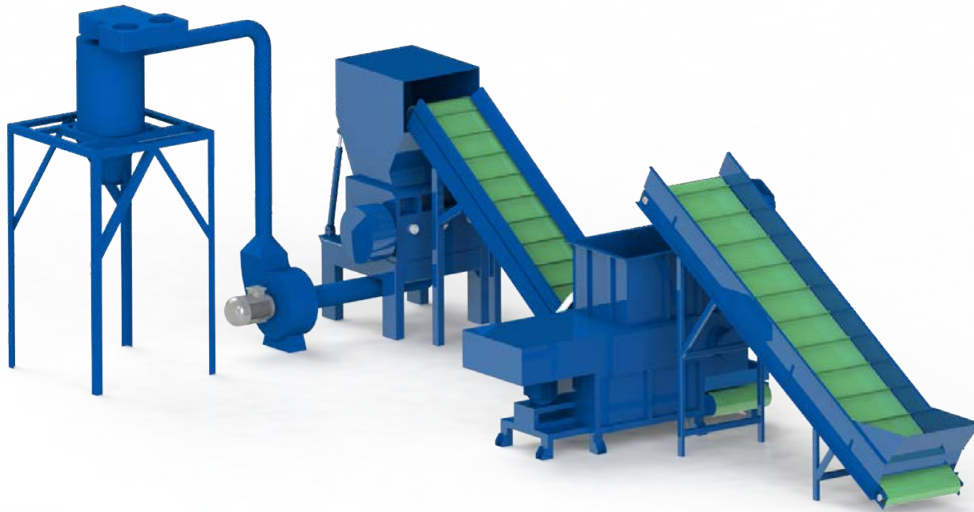
— AREA OF USE

Manufacturers, councils, processing facilities and biogas facilities managing waste comprised of organic material.

— TYPICAL EQUIPMENT

Depacker Unit, Shredders, Hopper, Screw Auger, Platform, Stairs, Discharge Pump, Discharge Screw, Control Panel.





WASTE INITIATIVES OFFER CUSTOM DESIGN PRODUCT DESTRUCTION SYSTEMS FOR **TEXTILE BASED PRODUCTS** FOR SUSTAINABLE DISPOSAL AND RECYCLING TO REDUCE THE VOLUME OF WASTE GOING TO LANDFILL.

— AREA OF USE

Manufacturers and recyclers of textiles, in fashion, mills, thrift, furnishing and soundproofing industries.

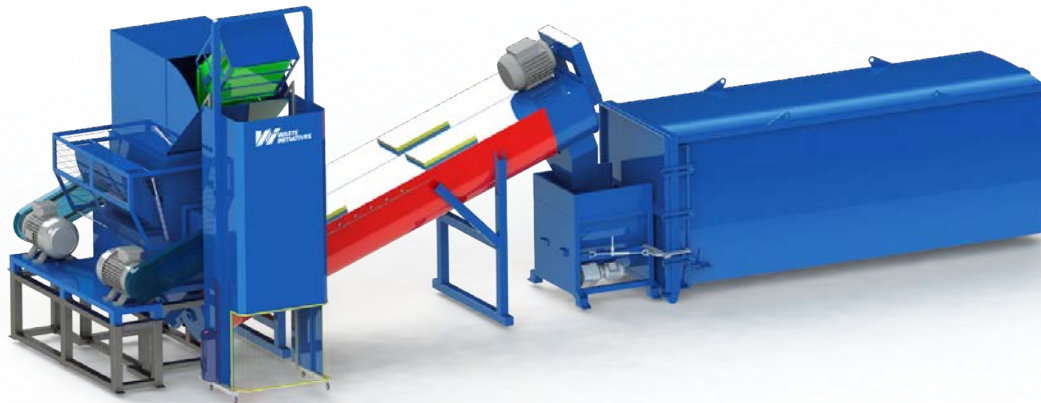
— TYPICAL EQUIPMENT

Bin Tippers, Hoppers, Shredders, Granulators, Conveyors, Blowers, Separating Equipment and Balers.



MEDICAL & HAZARDOUS WASTE

MEDICAL / HAZARDOUS WASTE SHREDDING SYSTEM



WASTE INITIATIVES CAN SUPPLY SHREDDING SYSTEMS DESIGNED FOR **MEDICAL AND HAZARDOUS WASTE** FOR MANUFACTURERS, DISTRIBUTORS, AND END-USERS. OUR SOLUTIONS HANDLE REJECTED, RECALLED, EXPIRED AND REFUSED PRODUCTS, AIMING TO RECYCLE AND DIVERT WASTE FROM LANDFILLS.

— AREA OF USE

Manufacturers, hospitals, research facilities, pharmaceutical companies, waste processing facilities generating or managing this waste type.

— TYPICAL EQUIPMENT

Bin Tippers, Conveyors, Screw Augers, Shredders, Water Sprays, Steam Injection, Compactors.



E-WASTE

E-WASTE SHREDDING SYSTEM



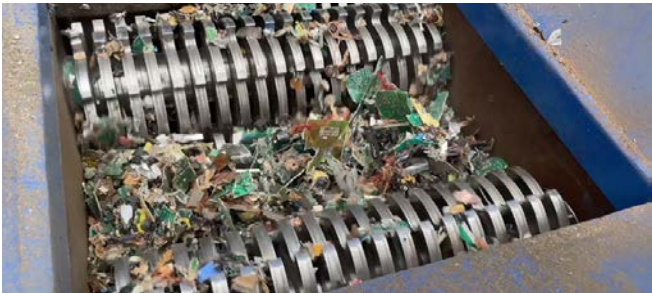
WASTE INITIATIVES PROVIDES CUSTOMISABLE **E-WASTE DESTRUCTION SYSTEMS**, FACILITATING EFFICIENT AND PROFITABLE RECYCLING OF COMPONENTS. WHETHER YOU REQUIRE A BASIC SHREDDING UNIT FOR WASTE MANAGEMENT OR A COMPREHENSIVE RECYCLING SYSTEM FOR A DEDICATED E-WASTE FACILITY, WE HAVE A SOLUTION FOR YOU.

— AREA OF USE

Councils, commercial recycling facilities, mining companies, smelters, refineries, industrial equipment producers, automotive industry and energy sector.

TYPICAL EQUIPMENT

Bin Lifters, Hoppers, In-feed/Out-feed Conveyors, Shredders, Picking Lines, Bagging Stations, Separation Equipment (Magnetic, Air).



TIMBER WASTE

TIMBER SHREDDING SYSTEM



WASTE INITIATIVES' TIMBER SHREDDING SYSTEMS OFFER EFFICIENT SOLUTIONS FOR SUSTAINABLE WASTE MANAGEMENT AND RECYCLING OF TIMBER WASTE. WHETHER STANDALONE OR INTEGRATED INTO NEW AND EXISTING RECYCLING SYSTEMS, THEY PROVIDE PROFITABLE OPPORTUNITIES WHILE DIVERTING WASTE FROM LANDFILLS.

— AREA OF USE

C&D recycling and recovery facilities, woodworking / furniture manufacturers, biomass energy producers and landscape suppliers.

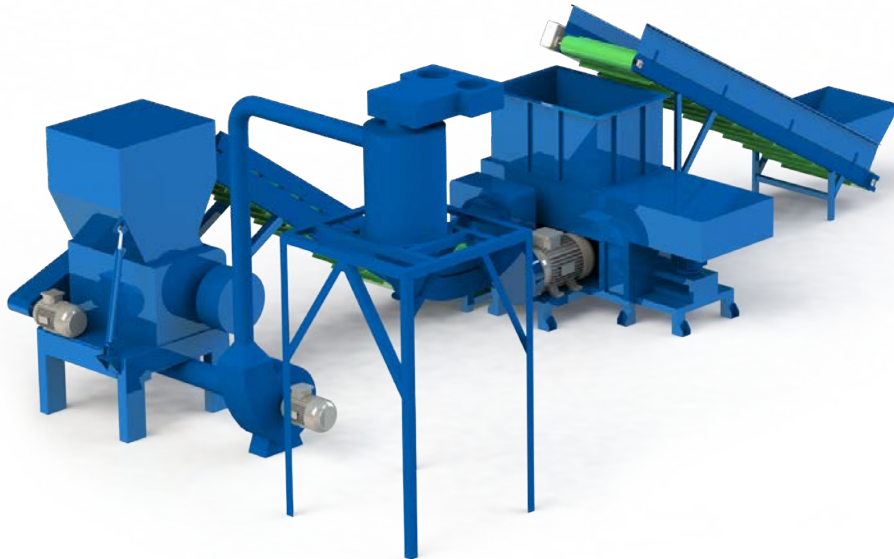
— TYPICAL EQUIPMENT

Feed Conveyors, Hoppers, Shredders, Granulators, Discharge Conveyors, Magnetic Separators, Bins and Chutes.



PLASTIC WASTE

ABS/HDPE PLASTIC
SHREDDING
SYSTEM



WASTE INITIATIVES OFFERS DIVERSE SOLUTIONS FOR RIGID PLASTIC RECYCLING, FROM SINGLE RESIZING UNITS TO COMPLETE SYSTEMS. INTEGRATE ANY OF OUR SHREDDERS, GRANULATORS, COMPACTORS, HANDLING, AND SORTING EQUIPMENT INTO A SYSTEM FOR A UNIQUE WASTE MANAGEMENT SOLUTION.

— AREA OF USE

Recyclers, councils, and manufacturers of automotive, electronics, toy, medical equipment, packaging and other industries handling rigid / HDPE plastic.

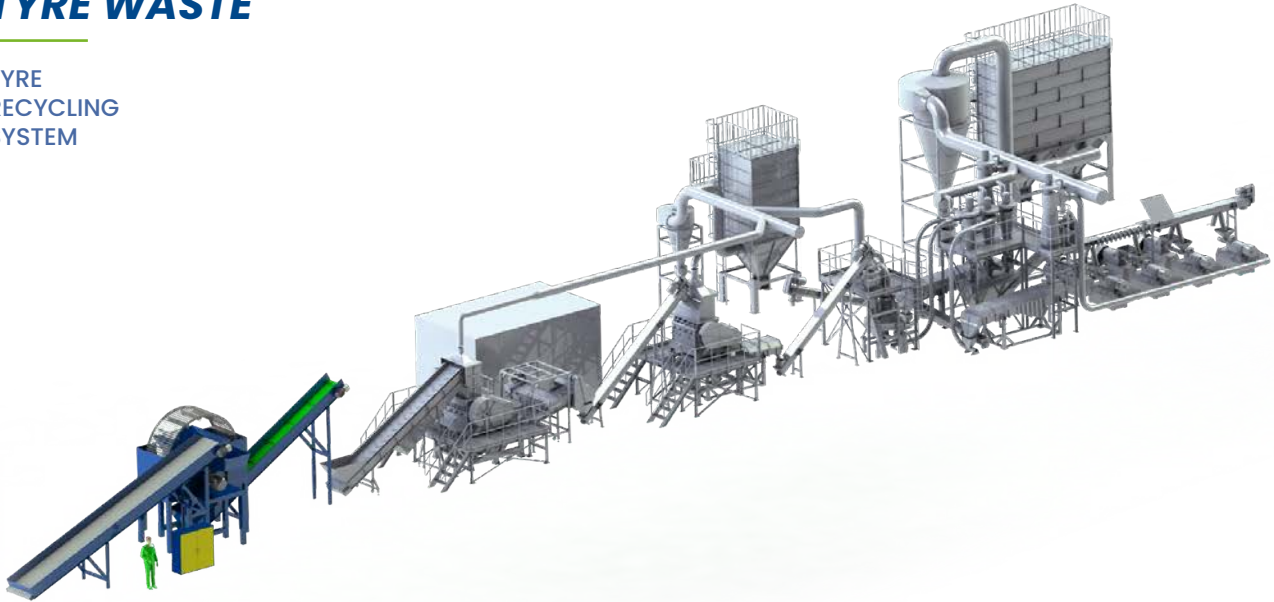
— TYPICAL EQUIPMENT

Hoppers, In-feed/Out-feed Conveyors, Shredders, Granulators, Blowers and other Sorting Equipment.



TYRE WASTE

TYRE RECYCLING SYSTEM



WASTE INITIATIVES SPECIALISE IN TYRE RECYCLING EQUIPMENT, WITH EXPERTISE IN MAJOR PROJECTS. WE OFFER CUSTOMISABLE SOLUTIONS, FROM SMALL-SCALE PRIMARY (TDF) SHREDDING TO COMPLETE TYRE-TO-CRUMB/POWDER RECYCLING LINES. OUR EQUIPMENT SPECIALISTS COLLABORATE WITH YOU TO ACHIEVE YOUR WASTE MANAGEMENT GOALS.

— AREA OF USE

Government, recycling facilities, and private enterprises.

— TYPICAL EQUIPMENT

Shredders, Rasps, Magnetic separators, Granulators, Vibrators & Blowers, Fibre Separator, Hoppers size, Powder Millers, Screens, Dust Collection System, Water Cooling System, PLC Control, Conveyors/Screw Loaders.





RDF WASTE

REFUSE DERIVED FUEL (RDF) RECYCLING SYSTEM



WITH THE RISING ADOPTION OF RDF ENERGY, WE OFFER **PROCESSING SYSTEMS FOR THE PRODUCTION OF RDF**, DIVERTING MUNICIPAL AND C&I WASTE FROM LANDFILLS. INTEGRATING OUR SHREDDING, SCREENING, AND CLASSIFYING EQUIPMENT INTO A VIABLE SYSTEM WILL SUPPORT YOUR WASTE TARGETS WITH GREATER ROI AND SUSTAINABILITY FOCUS.

— AREA OF USE

Municipal waste facilities, commercial recycling and large-scale industrial (cement kilns, steel mills, energy plants) that wish to produce or utilise RDF.

— TYPICAL EQUIPMENT

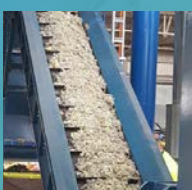
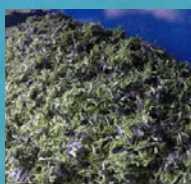
Handling Equipment, Conveyors, Hoppers, Shredders, Separation Equipment, Wind Sifters, Dryers, Pelletisers and Bins.

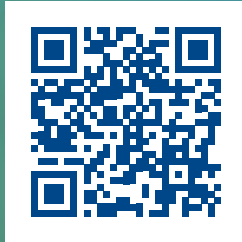


CUSTOM ENGINEERED SOLUTIONS FOR ANY WASTE CHALLENGE

Waste Initiatives offers tailored **engineered solutions**, customising destruction systems for almost any material. No waste problem is unapproachable. Our equipment specialists excel in solving waste challenges, aiming to meet your waste management expectations with a solid ROI.

Other materials our systems can be customised to process include metal, aluminium, biomass, animal waste, glass, packaging cardboard, mattresses, composite materials (such as Alupanel, Gyprock, surfboards) and much more.





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