



STOKKERMILL

RECYCLING MACHINERY

ADVANCED NON-
FERROUS METAL
RECYCLING SYSTEMS

VERTECH

Brought to you by

 **WASTE
INITIATIVES**
WASTE EQUIPMENT SOLUTIONS



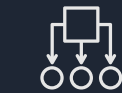
WHY STOKKERMILL?

- ✓ **Complete Recycling Systems**
Individual machines through to integrated processing plants.
- ✓ **Modular & Scalable**
Solutions configured around material type, throughput and recovery objectives.
- ✓ **Advanced Separation**
Integrated size reduction, refining and separation technologies.
- ✓ **Italian Engineering**
Purpose-built recycling technology developed for demanding industrial applications.
- ✓ **Local Support**
Backed in Australia by Waste Initiatives from initial system design through to ongoing lifecycle support.

STOKKERMILL RECYCLING MACHINERY

BROUGHT TO YOU BY VERTECH

ONE STEP AHEAD IN RECYCLING MACHINERY AND PLANTS



OPTIMISED
METAL
RECOVERY



LOW
OPERATING
COSTS



ENERGY
SMART
DESIGN

Stokkermill has been innovating and improving material recycling technologies for **30 years**, with **1,000+** plants and machines installed in over **30 countries**.

STOKKERMILL
RECYCLING MACHINERY

Vertech is the premium equipment range by Waste Initiatives, created for serious operators seeking high-performance waste processing solutions. Backed by international engineering and supported locally with Australian-based service and spare parts, Vertech delivers exceptional durability, efficiency, and reliability.

Its technologies are designed around the efficient reduction, refinement and separation of complex waste streams, transforming mixed materials into cleaner, separated fractions suitable for downstream recovery.

Through Vertech, Waste Initiatives brings Stokkermill technology to the Australian market, supported by local engineering, project management, installation, commissioning, service and spare parts.

Stokkermill designs and manufactures advanced machinery and complete industrial plants for recycling and material recovery.

Combining Italian engineering, over 30 years of experience and ongoing technology development, Stokkermill provides solutions ranging from individual processing machines through to complete integrated recycling plants.

RECYCLING SOLUTIONS FOR
Stokkermill solutions cover:

- Cable
- Radiator
- WEEE & PCB
- Solar Panels



CABLE & RADIATOR RECYCLING

RECOVER VALUE FROM CABLES & METAL-BEARING WASTE

Waste electrical cable and copper-aluminium radiators contain valuable metals that can be recovered for downstream markets.

Stokkermill systems combine size reduction, granulation, refining and separation to efficiently recover copper and aluminium from insulation and other materials, producing cleaner, higher-value fractions.

Systems can be configured for different feedstocks and processing requirements, ranging from compact cable granulators through to high-throughput industrial plants.

Input Materials



Copper cable



Automotive wiring



Aluminium cable



Data/WEEE wiring



Radiator recycling

Recovered Outputs



Copper

Clean copper suitable for established recycling and refining markets.



Aluminium

Recovered aluminium suitable for secondary processing and remelting.



Ferrous

Recovered ferrous material suitable for established recycling markets.



Plastic

Separated plastic insulation suitable for downstream recycling where markets allow.





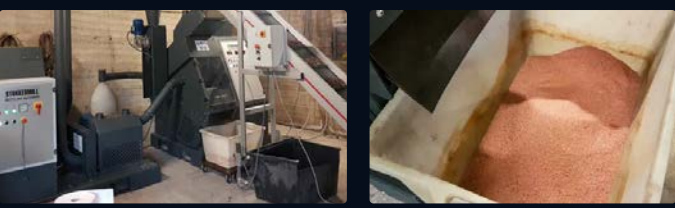
NIERTECH

COMPACT CABLE RECYCLING

Stokkermill’s compact cable recycling range provides efficient solutions for recovering copper and aluminium from electrical cables and mixed cable streams. From standalone granulators to integrated recycling systems, the range combines reliable processing, effective material separation and a compact footprint.

The **K750**, **K FLEXI** and **TURBOFLEX** systems offer flexible solutions for different processing requirements, combining robust construction, low maintenance and high-quality metal recovery. Modular configurations allow processing capabilities to expand as operational needs grow.

For applications beyond these featured models, Stokkermill also offers **K**, **KS**, **TURBO** and **Industry Series** as solutions to provide additional configurations and processing capacities.



K750 COMPACT CABLE GRANULATOR

The Stokkermill K750 provides an entry point for professional cable recycling, combining a three-rotating-blade and two-stationary-blade mill with a dry densimetric separation table in a compact, plug-and-play machine. Standalone machine only.

	Power (kW)	Input production (kg/h)
K750 / 5.5	5.5	70 – 90
K750 / 7.5	7.5	90 – 110

K FLEXI SERIES

The Stokkermill K FLEXI Series offers robust, reliable granulators for processing copper and aluminium cables and radiators. Designed for efficient operation and low maintenance, these systems deliver high-quality metal recovery and can be integrated with pre-grinders and conveyors to create complete recycling systems.

	Power (kW)	Input production (kg/h)
FLEXI K140	14	100 – 150
FLEXI K200	20	200 – 250

TURBOFLEX SERIES

Advanced cable recycling systems with integrated Turbo Cell refining, designed to improve recovery from fine, mixed and more complex cable streams.

	Power (kW)	Input production (kg/h)
K400	55	200 – 250
K500	68	350 – 400



More on our Stokkermill Cable Granulators range





NIERTECH

MULTI-FLEX SERIES

Stokkermill's Multi-Flex Series provides high-throughput recycling of copper and aluminium cables and copper-aluminium radiators, achieving metal purity up to 99.9%.

The system combines a grinding mill, Turbo Cell Refiner and densimetric separation table to progressively liberate and separate valuable metals.

Designed for heavy-duty, continuous processing, the Multi-Flex Series handles fine, mixed and rigid cables, with integrated Zig-Zag separation for more complex feedstocks. Oversized motors support consistent throughput, low energy consumption and reliable operation in larger-scale recycling applications.



MULTI-FLEX SERIES

High-throughput cable and radiator recycling systems with processing capacities from 450 to 2,500 kg/h.

	Power (kW)	Input production (kg/h)
M80	100	450 - 600
M100	126	650 - 800
M100 PRO	140	800 - 1000
M150	215	1000 - 1200
M150 PRO	250	1500 - 2000
M200	330	2000 - 2500



WEEE RECYCLING

RECOVER VALUE FROM COMPLEX E-WASTE

Waste electrical and electronic equipment contains a complex combination of metals, plastics, glass, printed circuit boards, cables and electronic components.

Effective recovery requires more than simply shredding the material. Different components must be progressively reduced and liberated before separation technologies can recover valuable materials into cleaner, usable fractions.

Stokkermill develops modular WEEE recycling systems combining size reduction, liberation and separation technologies. Systems can be configured around the incoming material, required throughput and desired recovered outputs.

Input Materials



Consumer electronics



Data / WEEE wiring



Computer / telecom



Printed circuit boards (PCB)

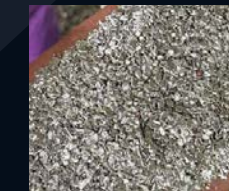


Mixed electronic scrap / small appliances

Recovered Outputs



Aluminium
A valuable non-ferrous fraction suitable for secondary aluminium processing and remelting.



Mixed metals
Concentrated metals suitable for further separation and refining.



Glass
Recovered glass suitable for downstream recycling or processing.



Ferrous metals
Recovered ferrous material suitable for established recycling markets.



Plastic
Separated plastics suitable for recycling where markets allow.



Inert fraction
Non-metallic material with potential for recovery or reuse.



WEEE PROCESSING LINE

Stokkermill's modular WEEE processing systems combine size reduction, liberation and separation technologies to recover valuable materials from complex electronic waste.

The system can integrate primary shredding, secondary size reduction and refining with magnetic, eddy current and densimetric separation to progressively separate metals from plastics, glass and other materials.

Configured around the incoming waste stream, required throughput and recovery objectives, Stokkermill systems can process mixed WEEE and printed circuit boards, with individual technologies selected to achieve the required level of material separation.



FULLY AUTOMATED LINE

Modular technologies combine into a complete WEEE recycling line, configured around material, throughput and recovery requirements.

Function	Technology	Processing Stage
Further reduction & liberation	Multi-Crusher	Secondary Reduction
Fine crushing & material liberation	Hammer Mill	Refining
Ferrous metal separation	Magnetic Separation	Ferrous Recovery
Non-ferrous metal separation	Eddy Current Separation	Non-Ferrous Recovery
Precision material separation	VT Densimetric Table	Density Separation

WEEE shredding plant



STOKKERMILL SOLAR

RECOVER VALUE FROM END-OF-LIFE SOLAR

End-of-life photovoltaic panels contain recoverable glass, aluminium, copper, silicon and other materials within a durable laminated structure.

The recycling challenge is not simply reducing the panel in size, but effectively liberating and separating its component materials into useful downstream fractions.

Stokkermill provides industrial mechanical recycling systems specifically designed for photovoltaic panels, combining delamination, size reduction and separation technologies to recover valuable materials.

Input Materials



TYPICAL MATERIALS

- Framed PV Panels
- Unframed PV Panels
- Damaged PV Panels
- Off-Specification PV Panels
- Monocrystalline Panels
- Polycrystalline Panels

Recovered Outputs



Aluminium
Clean aluminium suitable for established recycling and remelting markets.



Copper
Recovered copper suitable for established recycling and refining markets.



Glass
Recovered glass suitable for recycling, ceramics and other applications.



Silicon
Fine silicon-rich material with potential for further refining and recovery.



EVA
Separated polymers suitable for alternative fuel or energy recovery.



NIERTECH

SOLAR PANEL RECYCLING

Stokkermill's solar recycling systems combine mechanical delamination, shredding, refining and separation technologies to recover valuable materials from end-of-life photovoltaic panels.

Each system progressively processes the panel structure, separating glass, aluminium, copper, silicon-rich material and polymer fractions for downstream recovery.

Configured around panel type, processing capacity and recovery objectives, modular technologies provide scalable solutions from entry-level equipment to fully automated recycling plants.



PV ENTRY LEVEL

An accessible solution for starting solar panel recycling with a lower initial investment. The deframer and DLS separate aluminium and glass from the EVA/backsheet mat.

SPECIFICATIONS

Installed Power	20–45 kW
Composition	De-Framer + J-Box removal + DLS
Output	Aluminium, glass, EVA/backsheet
Throughput	Less than 50 panels/h



SOLAR DELAMINATION

An integrated semi-automatic platform for lower volumes. It combines module preparation, delamination and refining of glass, silicon-rich and EVA fractions.

SPECIFICATIONS

Installed Power	90–115 kW
Input	Standard monofacial panels
Output	Glass, silicon, EVA, copper
Throughput	Less than 50 panels/h

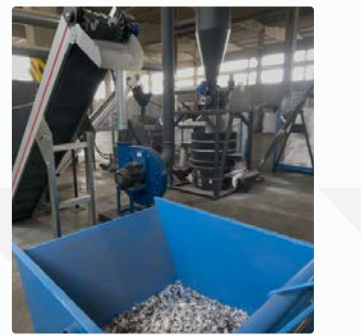


FULLY AUTOMATIC SOLAR

A fully automatic solution for continuous photovoltaic panel processing, handling intact, damaged, framed or unframed panels with an expandable turnkey configuration.

SPECIFICATIONS

Power Consumption	~1 kWh/panel
Input	Multiple PV panel types
Output	Glass, silicon, EVA, aluminium, copper
Throughput	From 1,500 kg/h



LOCAL EXPERTISE NATIONWIDE SUPPORT

Through Vertech, Stokkermill technology is backed by Waste Initiatives' Australian engineering, project management and nationwide service capability.

Our equipment often operates in 24/7 production and high-throughput recycling facilities, where rapid response times are essential.

With a service network covering 96% of the population, our team is ready to minimise downtime and keep your waste and recycling equipment running efficiently.



 Service Reporting & Diagnostics

 Operator Training

 National Support Structure

 Installation & Commissioning

 In-house Service Centre

 Breakdown Repairs

 Refurbishments

 Plant Upgrades

GLOBAL TECHNOLOGY. LOCAL SUPPORT. LONG TERM VALUE.

COMPLETE RECYCLING SOLUTIONS BUILT AROUND YOUR MATERIAL.

ONE STEP AHEAD IN RECYCLING TECHNOLOGY





National Sales:
1800 673 002

National Service:
1300 274 415

International:
+612 6570 3300



Email:
info@wasteinitiatives.com



Website:
wasteinitiatives.com.au



Our Locations

*Scan the QR code
to see our locations*



[www.wasteinitiatives.com.au/
contact-us](http://www.wasteinitiatives.com.au/contact-us)



OUR RANGE