Eilbeck
SHREDDERS



AUSTRALIA'S PREMIUM SUPPLIER, MANUFACTURER AND SERVICE PROVIDER OF

SHREDDERS

World-class manufacturing. World-leading technology.



ONE TEAM, START TO FINISH TECHNICAL, MANUFACTURING AND SUPPORT - ALL HERE IN AUSTRALIA.

Eilbeck Shredders designs, manufactures, distributes and services shredding and recycling equipment from our state-of-the-art manufacturing facilities in Sydney and Perth, Australia - in partnership with two of the world's most established shredder brands.

1907 ESTABLISHED

120 YEARS OF MANUFACTURING

100% AUSTRALIAN, FAMILY-OWNED

01 **World's-Best Technology, Backed Locally.**
Premium shredder brands, built and supported here, without long overseas supply chains.

02 **End-to-End Coverage.**
Design, build, installation, service and spares. One team, start to finish.

03 **Lead Times You Can Plan Around.**
Local build or imported machine, backed by full accountability.

04 **Support When and Where You Need It.**
Genuine local parts and expert servicing for our machines and others.

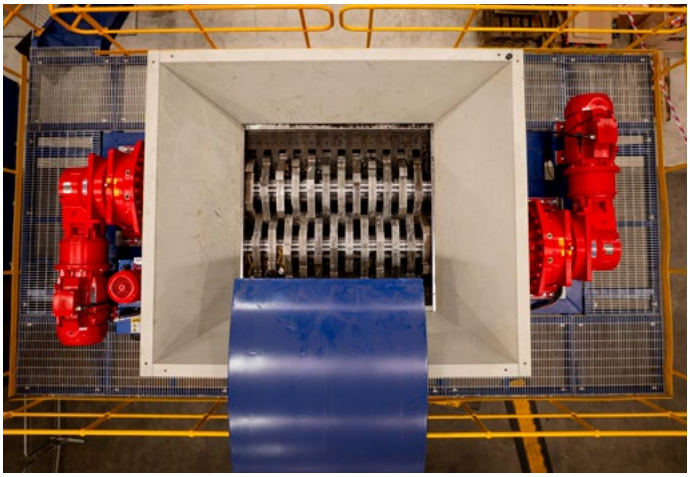
WE WORK WITH A RANGE OF INDUSTRIES ACROSS AUSTRALIA SUCH AS:

- Rubber and tyres
- Scrap metal and steel
- Green waste and timber
- E-waste and batteries
- Textiles and mattresses
- Commercial and industrial
- Municipal general waste
- Aluminum

PRIMARY SHREDDERS

Cutting-edge shear shaft primary shredders, built in Australia and backed by global technology.





Eilbeck primary shredders are slow-speed, high-torque, shear-type shredders, designed and built here in Australia.

Typically running at 5 to 20 RPM, the cutters slice and tear material apart without impacting the integrity of the material. That means less wear, less dust and noise, and steady performance on difficult feedstock. Reducing the material size at the start of the process lifts throughput across the whole plant, helping you get more from your production capacity while lowering operating costs. It also increases material density, so waste is cheaper to transport, store and process.

Every Eilbeck primary shredder is configured to suit your feedstock, throughput and output size.

KEY PRODUCT FEATURES

- **Variable speed drive control:** Adjust shaft speed to suit the material and get the most from every load.
- **Torque monitoring:** Tracks load in real time to protect the drive and cutters.
- **Anti-jam technology:** Detects overloads and automatically reverses the shafts to clear blockages, so there's less manual intervention.
- **Couplings for easy rotor removal:** The rotors come out quickly without stripping down the drive.
- **Split chamber design:** Open the chamber for faster rotor and bearing change-outs.
- **6 or 10 bearing design:** Change cutters in situ, without removing the rotors.

SPECIFICATION	Z135	Z150	Z260	Z330	Z330	Z400	Z400	Z600	Z600
Size Model	2812	2020	4830	3434	5434	5444	6444	7272	10072
Approx. Opening Size (mm)	710 × 315	510 × 510	1220 × 760	860 × 860	1370 × 860	1370 × 1120	1625 × 1120	1830 × 1830	2540 × 1830
Drive	Single	Single	Dual	Dual	Dual	Dual	Dual	Dual	Dual
Power (kW)	15–30	15–30	30–60	60–110	60–110	75–150	75–150	75–220	75–320
RPM	5–20	5–20	5–20	5–20	5–20	5–20	5–20	5–20	5–20

SECONDARY SHREDDERS

The right size, every time. Finer, cleaner material ready for recovery.

Secondary shredders, such as raspers and grinders, take material from the primary shredder and liberate it into a finer, smaller product. Built-in screening controls the output size, so material stays in the cutting chamber until it's small enough to pass through. This ensures that you get the exact size that you require.

Liberating the material improves recovery and gives you a product that's ready for further processing or direct resale. A controlled output size also helps downstream equipment run more efficiently. Our secondary shredders work alongside our primary range, so you can source your whole line from the one place.





SPECIFICATION	R300	R400	R600
Hopper Opening (mm)	760 × 500	1000 × 500	1500 × 500
Rotor Length (mm)	760	1000	1500
Rotor Diameter (mm)	660	660	660
Rotor Speed (rpm)	85–150	85–150	85–150
Main Rotor Knives	18	24	36
Main Counter Knives	16	22	34
Screen Size (mm)	10–50 (customisable)	10–50 (customisable)	10–50 (customisable)
Main Drive Power (kW)	150–220	220–355	300–400
Service Motor (kW)	5.5	7.5	7.5
Hydraulic System (kW)	5.5	7.5	7.5
Best suited for	Small to medium tyre recycling and rubber reduction lines	Medium throughput recycling operations	High-throughput tyre and waste processing facilities

STANDARD FEATURES

- **Variable speed drive control:** Adjust shaft speed to suit the material and get the most from every load.
- **Fluid coupling protection:** Absorbs shock loads to protect the drive.
- **Hydraulic top shell lift:** Fast, safe access to the cutting chamber.
- **Couplings for easy rotor removal:** The rotors come out quickly without stripping down the drive.
- **Hydraulic screen drop:** Quick screen changes and cleaning.

OPTIONAL FEATURES

- **Access platforms:** A safe, stable place to stand for inspection and maintenance at height.
- **Water spray hopper:** Keeps dust down.
- **Water-cooled rotor:** Controls heat in the cutting chamber.
- **Water-cooled housing:** Controls heat in the cutting chamber.
- **Air system inlet:** Draws air through the cutting chamber to cool it and remove dust.

LINDEMANN METAL RECYCLING SOLUTIONS

German engineering. Local supply, commissioning and support.

For over a century, LINDEMANN Metal Recycling Solutions has been a leading force in European metal recycling.

Eilbeck Shredders is proud to exclusively offer LINDEMANN products in Australia. We import and supply the complete range, including local manufacturing of spare parts and servicing.

PRODUCT RANGE



SHREDDERS

High-tech shredders that combines German engineering with Siemens PLC control and myLINDEMANN remote monitoring.

SHEARS

Heavy-duty shearing for pipe, bar and structural steel, with automated cycles for consistent, furnace-ready cuts.





BALERS & BRIQUETTING PRESSES

Balers and briquetting presses compact loose scrap into dense bales and briquettes, cutting transport and storage costs for shredding operations.

Visit our website for further information on these products, including access to downloadable product sheets.



END-TO-END SHREDDER SERVICES

One team for the life of your machine

Every project is managed under one roof, from design and manufacturing through to installation, commissioning, service, repairs and spare parts. That's one point of accountability, one relationship, and one exceptional standard of quality from start to finish. Plus, we are an open-door facility, so you can come and inspect the shredder as it gets built.

DESIGN SERVICES

Every Eilbeck shredder begins with your needs. Our in-house engineering team assesses throughput, feedstock and output requirements to determine the right machine configuration, from standard systems to customised builds.

MANUFACTURING SERVICES

Once a design is signed off, the manufacturing kicks off in the same workshop. Fabrication, machining and assembly are all integrated in-house, in keeping with Eilbeck's established quality and safety standards.

24X7 SUPPORT SERVICES

Get 24/7 technical support and lifetime maintenance and servicing from the team that built it. Because we're local, you get shorter lead times than with imported machines, with spare parts close at hand.

EILBECK CAPABILITIES

Sydney and Perth workshops are equipped for large scale fabrication, precision machining, painting and full-lifecycle service.

Eilbeck Shredders are built in the same state-of-the-art workshops shared by the rest of the Eilbeck Heavy Engineering business. Our hi-tech facilities provide the scale, tooling and precision engineering required for both standard and complex custom builds.



CAPABILITIES

Design

Our engineers work out the right shredder for your operation. They look at the material you're processing, the tonnes per hour you need and the output size you want, then specify a standard model or design a custom machine to suit.

Manufacturing

We build primary and secondary shredders, providing services in fabrication, machining, painting and assembly. That's backed by 30+ CNC machines and welding to Australian standards.

Shredder installation and commissioning

We install your shredder on site and commission it, so it runs to spec from day one.

Shredder servicing, repairs and rebuilds

We provide 24/7 support, maintenance and repairs for Eilbeck shredders and other brands. We also rebuild worn machines.

Shredder spare parts

We make genuine spare parts locally, including parts for the LINDEMANN range, so you're not waiting on overseas supply.

CERTIFICATIONS

ISO 9001:2015 • ISO 14001:2015 • ISO 45001:2018 • ISO/IEC 17025 • NATA TESTING • ATEX CERTIFIED • IECEX CERTIFIED • AUSTRALIAN TRUSTED TRADER • RECOGNISED SUPPLIER OF DEPARTMENT OF DEFENCE



NEW PROJECT OR REPLACEMENT REQUIRED?

Give us a call and our team will take it from there.

CONTACT US

EMAIL:
sales@eilbeckshredders.com

PHONE:
+61 (08) 9379 3724

OUR LOCATIONS

SYDNEY
41 Broadhurst Road, Ingleburn NSW 2565

PERTH
14 Yelland Way, Bassendean WA 6054

Eilbeck SHREDDERS

Part of the Eilbeck Group · Australian owned · Established 1907

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