

M&J

Stationary Pre-shredders



Superior
Recycling
Technology

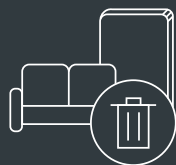
Tough on waste, easy on costs, unmatched in quality.

M&J Recycling is today one of the world's leading suppliers of pre-shredders for the recycling and waste industry. With a strong focus on R&D, M&J Recycling continuously pushes the boundaries of what pre-shredders can perform, and rethinks features to operate more consciously for our environment and for your bottom line.

M&J pre-shredders are engineered for primary shredding - the first stage of waste processing – where power, reliability, and versatility matter most. What sets us apart from other suppliers is how we harness inertia. By combining high torque with advanced inertia utilisation, our pre-shredders achieve peak efficiency. Together with slow-speed technology and customizable cutting systems, they deliver reliable, high-quality and capacity performance with minimal maintenance.



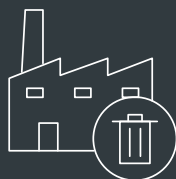
Can handle
any waste
type, among
others:



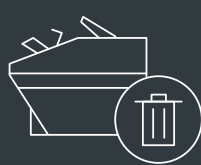
Bulky
waste



Municipal
solid waste



Commercial &
industrial waste



Construction &
demolition waste



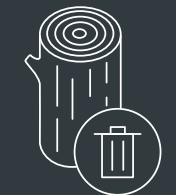
Plastic waste



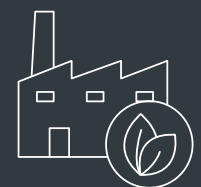
Paper &
cardboard



Post-consumer
plastic bag opening



Waste wood &
wood stumps



RDF/SRF



Testimonial (P4000e):

Our new shredder is cheaper to run and has given us shorter working days. We can get to the bottom of the waste piles now. We have never done that before. That means shorter workdays for me and my colleagues.

Brian
Foreman, P. Olesen.

M&J Pre-shredder Product Range

Key benefits:



M&J P2000e pre-shredder

Power: 110 kW.
Capacity: Up to 70 t/h*.
Knife count: 6, 8, 9, 10



M&J P3000e pre-shredder

Power: 2x75 kW.
Capacity: Up to 48 t/h*.
Knife count: 7, 8, 9, 11



M&J P4000e pre-shredder

Power: 2x110 or 2x160 kW.
Capacity: Up to 125 t/h*.
Knife count: 6, 8, 9, 10, 12



M&J 2000 pre-shredder

Power: 132 or 200 kW.
Capacity: Up to 70 t/h*.
Knife count: 6, 8, 9, 10



M&J P3000 pre-shredder

Power: 132 or 2x132 kW.
Capacity: Up to 48 t/h*.
Knife count: 7, 8, 9, 11



M&J P4000 pre-shredder

Power: 2x132 or 2X200 kW.
Capacity: Up to 100 t/h*.
Knife count: 6, 8, 9, 10, 12



M&J P1500 pre-shredder

Power: 132 or 2x132 kW.
Capacity: Up to 40 t/h*.
Knife count: 5, 6, 7, 8



M&J P6000 pre-shredder

Power: 2x200 kW.
Capacity: Up to 200 t/h*.
Knife count: 9,12,14,16



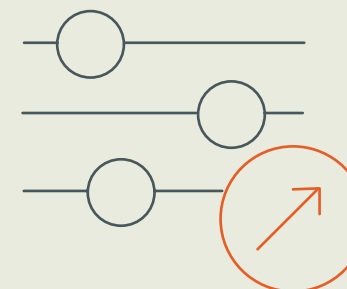
M&J B3000e bag-opener

Power: 2x75 kW.
Capacity: Up to 25 t/h*.
Knife count: 7, 8



Cutting technology that shreds it all:

Our groundbreaking cutting technology - today a market-standard - combines an open cutting table, asynchronous shredding, and anti-jam protection—handling everything from bulky to lighter waste with unmatched efficiency.



Flexible to fit your needs:

With the widest configuration range on the market, including various knife types and custom setups, you can tailor each machine to your specific materials, capacity, and facility layout.



Lowest cost per shredded ton:

Our eDrive system and unique features like ReCapture and UltraBoost, reduce energy use by up to 80% while still utilising the shredder's full capacity, making it a cost-effective investment.



Highest quality output:

Our pre-shredders are meticulously engineered to match your requirements - from cutting area and shaft count to knife design and motor power. This is what makes our output quality stand out.



Electric



Hydraulic



UltraBoost



ReCapture

* Depending on material.

eDrive

Many of our pre-shredders come with an electrical drive, what we call an eDrive. With our eDrive family, we prove that you can, in fact, have it all. It performs better than pre-shredders with hydraulic drives, while operating more quietly and consuming up to 80% less energy.

Most M&J pre-shredders with eDrive are equipped with two unique features. Look for the logos on the shredder overview to see which are equipped with these features.

ReCapture®

ReCapture is a revolutionary energy-saving system for M&J Recycling's pre-shredders with eDrive. It intelligently harnesses the energy from one motor to power the other during shaft reversals.

UltraBoost

UltraBoost is a cutting-edge software powered by an intelligent regulator that performs 4.000 real-time reads per second. It adapts dynamically to your system's needs and automatically determines the exact power required.

Benefits with eDrive:



Up to 80% lower
energy consumption



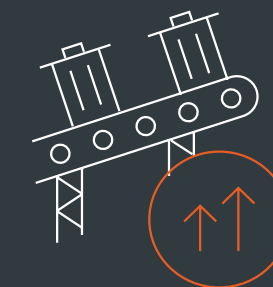
Reduced noise
emission



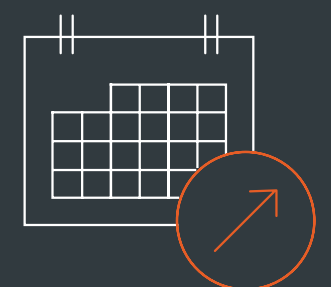
Lower operating
costs



Reduced carbon
footprint



Increase
throughput



Extended equipment
lifetime

M&J Pre-shredder technology that makes a difference

M&J Recycling's original pre-shredding technology, developed by our experienced team of engineers, has today set the standard for the primary shredding industry.

High-quality knives:

M&J pre-shredders are the only ones on the market that can be equipped with 5 knives and up to 16 knives per shaft.

Because knife performance is critical, we use an advanced automated welding robot to ensure exceptional and consistent quality. The heating process for shafts and knives is monitored and logged 100%, guaranteeing the correct temperature before welding. The robot also positions and mounts each knife with precise accuracy within the specified tolerances—delivering superior quality and outstanding reliability in the final product.

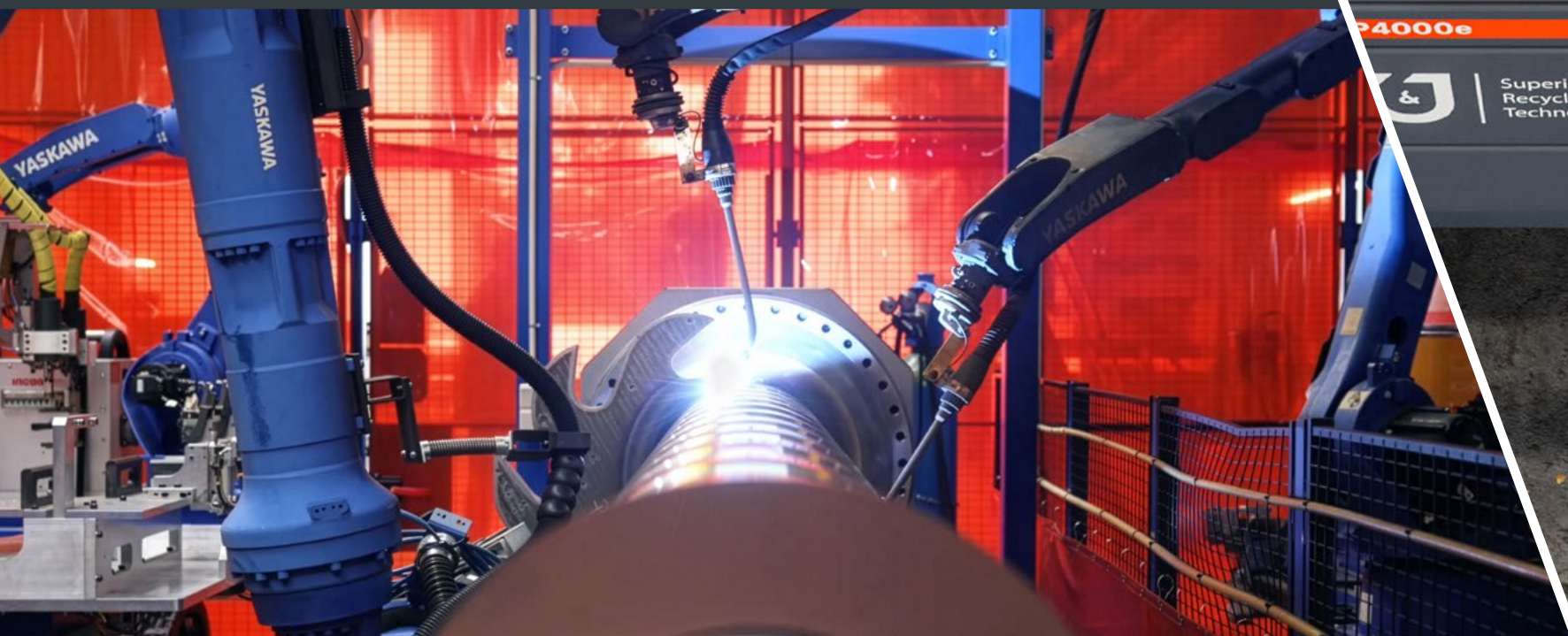
Asynchronous & Bi-directional shredding keeps waste in constant motion for maximum efficiency—no push device needed thanks to our aggressive knife design.

Intelligent shredding routines automatically adapt to material characteristics. The PLC control system offers six standard programs, including two customizable options.

Protection and Anti-jam systems protect the machine from large unshreddables.

Open cutting table lets stones and metals fall through, reducing wear and downtime.

Twin-shaft aggressive cutting system delivers high performance.



More than a shredder - peace of mind for a lifetime

Our global network of highly skilled Service Technicians is always close at hand, ready to provide the support you need, whether remotely or on-site. With key spare parts always nearby, we keep your operations running smoothly.

Our **Training Academy** ensures every technician is highly skilled and up to date, delivering top-quality service every time. We also offer customised training to empower your team and improve your daily performance.

// Many of our shredders still perform at peak level after 25–30 years – a testament not only to their robustness but also to our high-quality service.

Michael Stampe
Head of Service Operation,
M&J Recycling

Our support doesn't end after delivery

To keep your production performing at its best, we continuously develop solutions that will optimise your shredder – new as old:

Performance upgrades

myM&J Enhanced is a software upgrade for your hydraulic pre-shredder that will boost your throughput and reduce operational costs.

Remote monitoring

myM&J Performance is a digital monitor for your shredder, delivering key insights into its condition, performance, and maintenance needs.

Timely maintenance is essential for optimal, cost-efficient production.

That's why we offer service maintenance agreements for all our shredders, delivered either by us or one of our trusted partners. With proactive, ongoing maintenance, your shredder will run at peak performance—and stay reliable for the next 20, 25, even 30 years.

M&J Recycling HQ

Vejlevej 5, 8700 Horsens,
Denmark

Phone: +45 7626 6400

Mail: sales@mjrecycling.com

www: mjrecycling.com

M&J Recycling Germany

Köpenicker Chaussee 3A,
10317 Berlin.

Phone: +49 (0)173 6252829

M&J Recycling United Kingdom

823 Salisbury House, 29 Finsbury Circus,
London, EC2M 5QQ

Phone: +44 07341 885 55

M&J Recycling USA

2015 Ayrley Town Boulevard, Suite 202,
Charlotte, NC 28273

Phone: +1 704 998 9425

M&J Recycling South Korea

4th Floor LS Yongsan Tower, Hangangdaero 92, Yongsan-gu,
Seoul, 4386, South Korea

Phone: +82 10 6416 6763

M&J Recycling Thailand

571 RSU Tower, 9th floor, Unit 9017, Sukhumvit Soi 31, Sukhumvit Road,
Klongton-Nua, Wattana, Bangkok 10110, Thailand

Phone: +66 89 499 1922

M&J Recycling India

Unit No 305 and 306, 3rd floor, Atrium II, J.B Nagar, MIDC,
Chakala, Andheri (E), Mumbai 400 093, India

Phone: +91 9677912403

The information in this document is provided for guidance only and as is without warranty of any kind, either express or implied, including but not limited to the implied warranties of merchantability, fitness for a particular purpose or non-infringement. Information in this document may include information not appropriate to specific configurations, or information which has not been updated. M&J Recycling has the right to make changes in the document without notice. Not all products or services are available in all countries. In no event shall M&J Recycling be liable for any damages. M&J Recycling, 31/08/2026



Superior
Recycling
Technology