

M&J P250e

Waste pre-shredder series with e-drive

Up to
50% less energy
consumption



Guarantee for a perfect match

A complete series of superior pre-shredders with e-drive, catering to all needs. Heavy-duty applications or lighter waste streams? There's an M&J P250e for every single requirement.



Imagine if all choices were this simple

100% raw power, no matter the task. The M&J P250e efficiently handles all types of waste with minimal energy consumption. The future of pre-shredders has arrived.

The M&J P250e comes in four models, all of which can be fitted with 6, 8, 9, 10 or 12 knives per shaft. This means that we can assemble a machine that matches your needs more precisely than any other pre-shredder on the market. We can also quickly adapt your machine to new waste streams if you need it in the future.

It's close to being a revolution!

You only pay for what you need

Enjoy a smooth operation with optimal utilization of the M&J P250e every single day. You won't experience a lack of power to shred waste, and you don't pay for power you don't need.

There are several advantages to having the shredder tailored to your specific needs...

- You save significant amounts on energy for production
- You get a machine that wears down slowly because it is designed for the specific task
- You avoid frustrating breakdowns because the shredder always meets the production requirements.

M&J P250e means operating expenses (OPEX) in a class of its own!



Meet the P250e series

The M&J P250e can handle all types of waste. Choose between four drivetrain configurations.

Up to
100 tonnes/hour



M&J P250e - 220hs

Best choice for **LIGHT** to **MEDIUM DUTY** applications.

M&J P250e - 220hd

Best choice for **MEDIUM DUTY** applications.

M&J P250e - 320hd

Best choice for **MEDIUM** to **HEAVY DUTY** applications and **SMALL GRAIN SIZE**.

M&J P250e - 320hs

Best choice for **HEAVY DUTY** applications and **SMALL GRAIN SIZE**.

Equipped with a robust green heart – Bring it on!

At M&J Recycling, we are deeply committed to contributing to a sustainable world. We must take action now, and better waste utilization is a crucial factor in reducing our CO₂ emissions.

With the M&J P250e, we have created a pre-shredder series that proves you can have it all. It performs just as well or better than pre-shredders with hydraulic drives, but it does so quietly and with significantly less energy consumption.

The green wave starts right here!

Let's make the change!
Just a single ton of RDF
can reduce CO₂ emissions
by around 700 kg if
replacing coal-based
energy production



Why you'll love e-drive

M&J P250e



Improve your operating costs

M&J's e-drive can shred any waste type just as efficiently as a hydraulic drive, with the added advantage that it is far more energy-efficient and thus offers even bigger savings in your operating budget.



Reduce your carbon footprint

M&J's e-drive consumes up to 50% less energy during operations compared to hydraulic drive. It's the most efficient way to support your company's green transformation without compromising on production.



Reduce your noise emission

M&J's e-drive makes significantly less noise than a hydraulic drive, therefore significantly improving the working environment for your employees. This can help you retain employees – and attract new ones.



Modular design makes servicing a breeze

When it comes to Total Cost of Ownership (TCO), no other pre-shredder can compete with the M&J P250e. There are two reasons for this. First is its uncompromising build quality. Second, our engineers have done everything they can to make it as easy as possible to replace wear parts.

The solution is a patented modular design where everything can be disassembled quickly. Service and ongoing maintenance have never been easier.

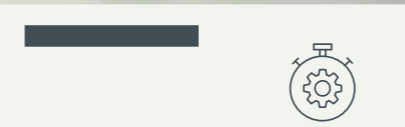
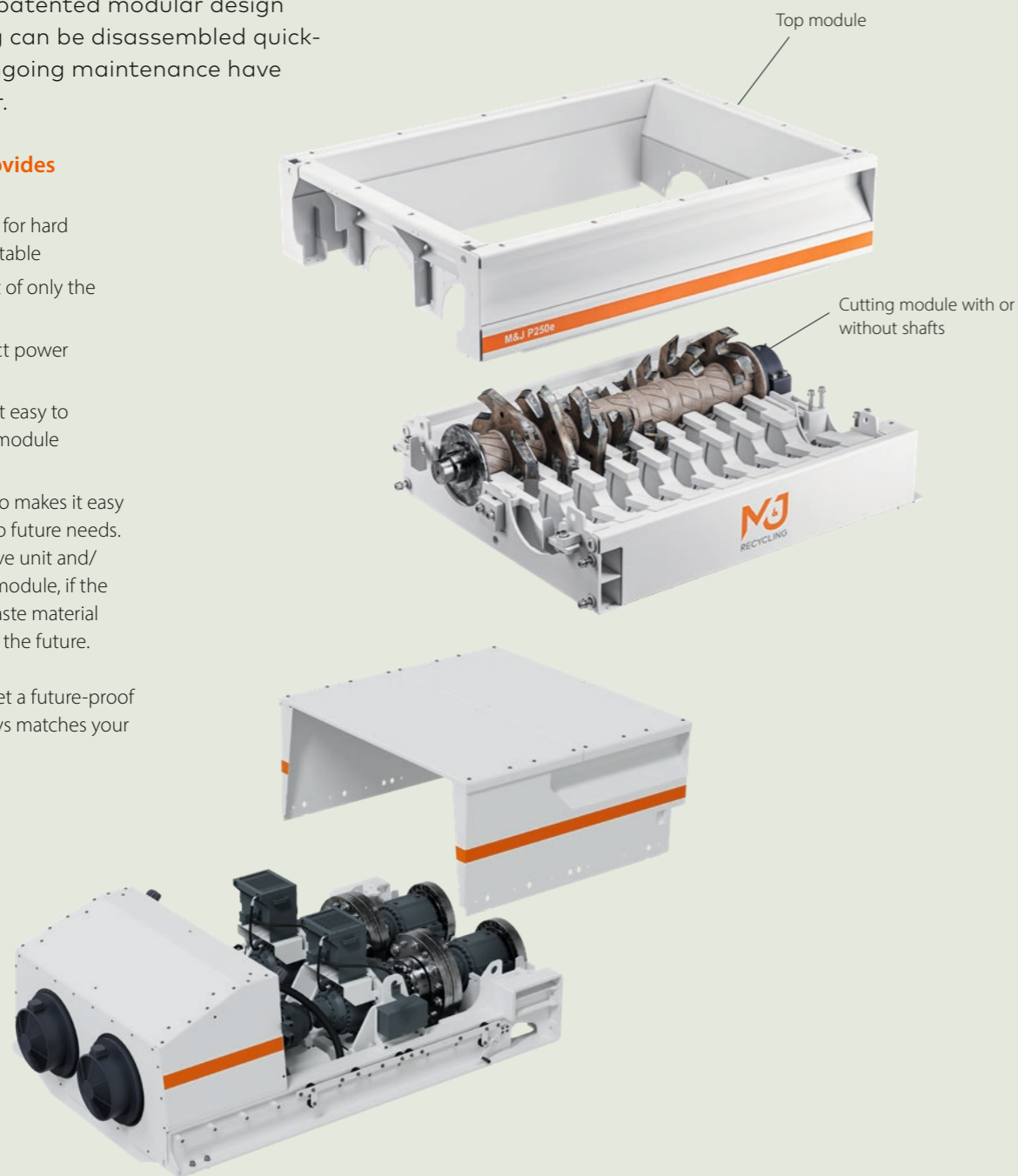
Modular design provides great benefits

- Better welding access for hard facing on the cutting table
- Targeted replacement of only the parts that are worn
- No need to disconnect power supply to the drive
- Nuts and bolts make it easy to disconnect the drive module

The modular design also makes it easy to adapt the machine to future needs. You can replace the drive unit and/or change the cutting module, if the composition of your waste material changes significantly in the future.

With M&J P250e, you get a future-proof pre-shredder that always matches your needs!

Changing the cutting module take less than 60 minutes.



Change the cutting module in just 1 hour

1. Undo a few bolts for the top module
2. Lift off the top module with the hopper
3. Loosen the shafts
4. It's then easy to loosen the cutting module from the drive module
5. Lift off the cutting module with shafts using a small crane or forklift or part by part (shaft by shaft, cutting module)
6. Attach the new cutting module with shafts and connect to the drive module
7. Position and fasten the top module and hopper

We really mean it when we say that it's super easy to service our M&J P250e!



Take a look at our timelapse to explore the simplicity, when exchanging the cutting unit.

Modular design means easy servicing – expect one of the highest uptime in the market.

A new steeper infeed angle, rotating end-plates on shafts.



SUPERIOR PERFORMANCE

Just give it a mountain!

The M&J P250e effectively shreds all waste types with more power than any other pre-shredder on the market.

- Proven cutting technology with bi-directional shredding (full torque)
- Dedicated knife types and quantities for specific challenges and product output size



EASY MAINTENANCE

3-2-1... and we're ready again!

The brilliant module design makes servicing and maintenance much easier and saves immense amounts of time.

- All parts on the M&J P250e can be removed quickly and individually.
- Detachable modules ensure easy replacement of cutting module for hard facing



HIGH PROFITABILITY

Because every minute counts

Low operating costs and high reliability boost your bottom line.

- Outstanding build quality, lower cost for spare parts and minimal downtime when servicing
- The modular design means you only need to replace the worn parts



EXCEPTIONAL FLEXIBILITY

Ready for any challenge

If your waste types change, we can quickly change modules to suit the new challenge.

- Tailor-made configurations to break down any type of waste
- Advanced cutting technology for highly efficient shredding, no matter the task

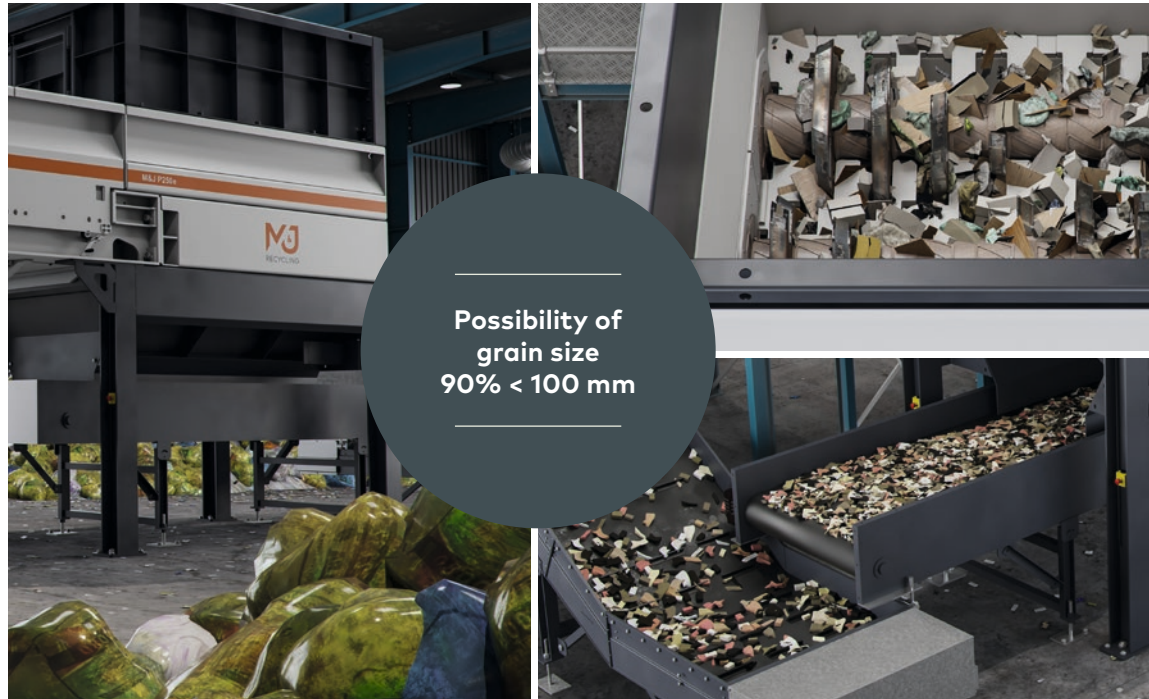
You also get...

Homogeneous end product in the desired size

An extremely aggressive knife design ensures outstanding performance when dealing with mixed and challenging materials. It is also possible to achieve a grain size of 90% < 100 mm with 12 knives per shaft.

Superb durability and unbeatable uptime

It pays to buy quality. Every aspect of the M&J P250e has been carefully considered and thoroughly tested to offer unrivalled stability in your production for.



Improve your operating costs with 'My M&J Performance'

My M&J Performance is a cloud-based data insights solution that optimizes your shredder's performance. You can monitor your shredder remotely and access essential data about its condition and maintenance needs. Trustworthy data saves you money on your operations!

- Access real-time data remotely
- Quick issue resolution with data insights
- Optimize uptime with preventive maintenance
- Prevent unexpected stops with expert help and reports



*With you
all the way*

FOR MORE INFORMATION,
CONTACT YOUR LOCAL M&J
REPRESENTATIVE, OR CONTACT
YOUR DEALER DIRECTLY.

[MJRECYCLING.COM](https://www.mjrecycling.com)



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