

M&J F320e & F240e fine-shredder with eDrive



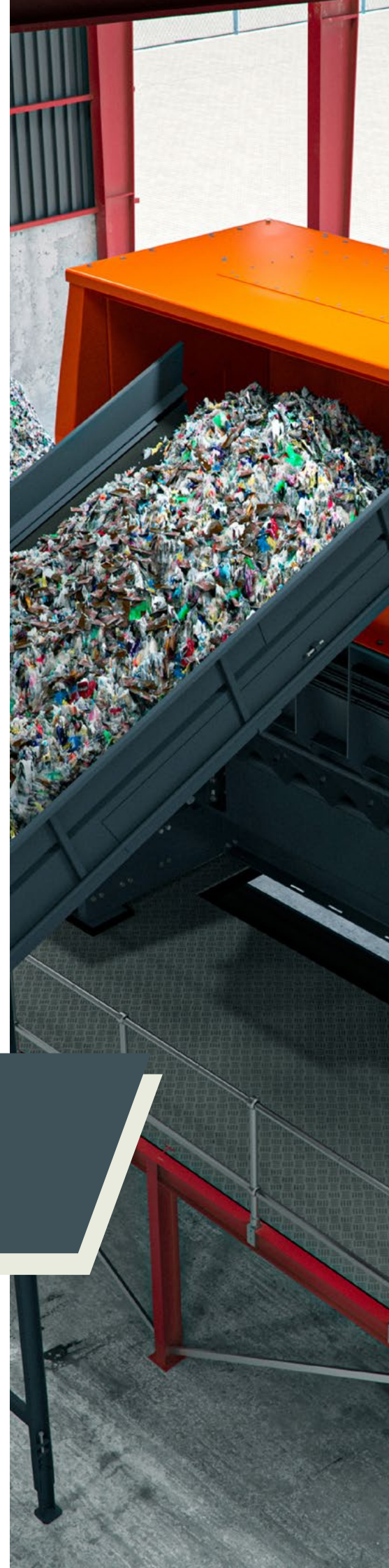
Superior
Recycling
Technology

M&J F320e & F240e fine-shredders with eDrive

Experience the power of the M&J F320e and F240e — our advanced electric solutions that combine years of expertise and innovation to deliver reliable and robust performance.

Designed specifically for the high-demand production of alternative fuels like RDF and SRF, **the M&J fine-shredders with eDrive deliver superior production capacity without compromising quality.**

The M&J fine-shredders with eDrive can deliver capacity of up to 28 tonnes per hour.



With the M&J F320e & F240e you will:



Maximize capacity and uptime with advanced pusher and level control, ensuring reliable and efficient feeding.



Save up to 40% on energy costs with our intelligent design, using only the power you need, with no energy loss to heat build-up.



Experience minimal maintenance thanks to no daily knife adjustments, quick knife changes, and a durable, robust design.



Ensure high-quality throughput with our unique cutting technology, delivering precise results in RDF/SRF production.

M&J Fine-shredder product range



M&J F320e fine-shredder

Power: 2x160 kW.
Capacity: Up to 28 t/h*.



M&J F240e fine-shredder

Power: 250 kW.
Capacity: Up to 23 t/h*.



M&J F140 fine-shredder

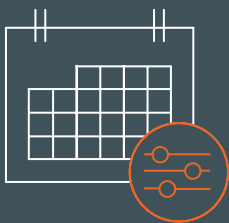
Power: 200 kW.
Capacity: Up to 15 t/h*.

* Depending on material.

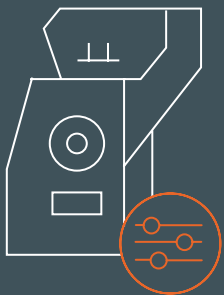
 **Hydraulic**

 **Electric**

Our advanced fine-shred cutting system **ensures** **you can:**



Operate without the
need for daily knife- and
plug-in adjustments.



Adapt to changing
output or capacity
needs—without investing
in a new machine.



Maintain full production
speed without risking
heat build-up and
melted plastic.

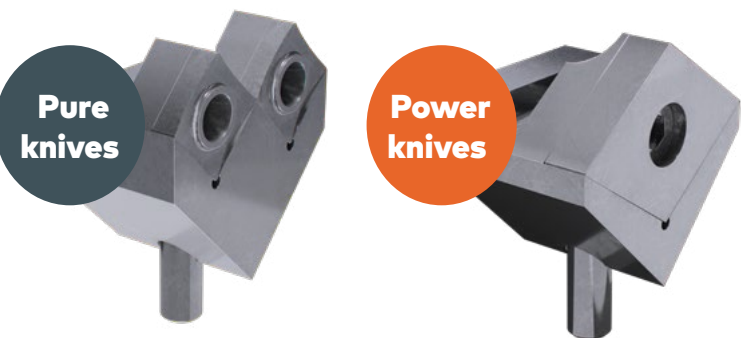


Eliminate downtime
and damage with
beak zone and bolted
knives.

Flexible knife selection

The M&J F320e & F240e are built to last and designed to adapt. With our flexible knife configurations and the introduction of a broader knife assortment, you get maximum versatility without compromising performance.

Whether you're dealing with clean waste streams or tougher materials with sand, soil, high density, or high humidity — the F320e and F420e deliver consistent results.



Knife design in a class of its own, securing you a stable and reliable production.

Four knife configurations to fit your task at hand:

1. Prime rotor with Pure knives

2. Solid rotor with Pure knives

3. Prime rotor with Power knives

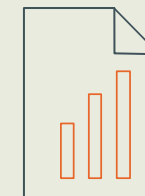
4. Solid rotor with Power knives



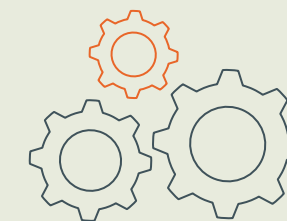
Thoughtful design makes service a breeze

With the M&J F320e & F240e, access to essential shredder components is now easier than ever. The goal is to minimize daily and periodic maintenance time, helping you avoid frustrating downtime.

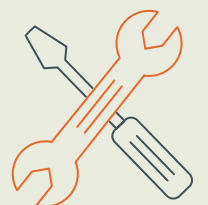
Key features include:



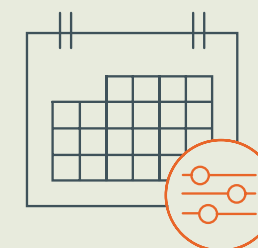
Monitoring sensors on key components ensures safe and uninterrupted operation.



Fast delivery and replacement of standard spare parts, often available within a day.



Easy adjustment of the belt drive tension and quick and simple replacement of the drive belt.



No need for daily knife adjustments



Rapid knife changes—one person can change a knife in just 2-4 minutes.

Thanks to clever constructions and advanced technology, we reduce maintenance and energy consumption without compromising output. In fact, our machines deliver increased uptime and production hours. This is what truly sets M&J fine-shredders apart from competitors.

Jens Vestergaard Nilsen
Head of Technology, CTO,
M&J Recycling

RDF/SRF

With an M&J fine-shredder as part of your production, extracting the last resources from waste has never been easier.

Our fine-shredders produce high-quality Refuse-Derived Fuel (RDF) and Solid Refuse Fuel (SRF) in your desired output size, which is essential for maximizing the calorific value of the end-product and, consequently, your settlement price.

Additionally, M&J's fine-shredders generate minimal heat, reducing the need for extra cooling installations.

EHJ Energi: e-drive has made a huge difference in RDF production

"The difference is huge. We now produce about 100 tonnes of RDF pr. day, and we're experiencing 25-30% energy savings, compared to running a hydraulic shredder. That really matters when you're running every single day. The electrical shredder was implemented when the energy prices were at their highest, during the energy crisis, which just made the energy savings even more important"

Nils Tougaard
Operations Manager
at EHJ Energi

Scan here
to read
the case



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