

Reliable and efficient

# crushing

of all kinds of

# waste



## Welcome to M&J

### The shredder experts

M&J Industries specialises in the design and manufacture of shredding equipment that effectively and reliably reduces the size of waste materials of all kinds. We are one of the world's leading suppliers of shredders for the waste handling industry. Our customers include companies that work with incineration, hazardous waste, waste-to-energy conversion, recycling, landfills, cement production and composting.

# M&J shredders – stationary

Cutting table	M&J 1000S	M&J 2000S	M&J 4000S	M&J 6000S
Number of shafts	2	1	2	2
Rotation speed	10 to 52	13 to 55	16 to 55	11 to 38
Cutting area ( l x w/mm )	1800 x 1600	2420 x 990/1240	2420 x 1750	3460 x 2120
Dimensions ( l x w x h/mm )	3130 x 2100 x 1010	4000 x 2400 x 1350	4070 x 2300 x 1250	5480 x 2700 x 1450
Number of knives	2 x 4/5/6/7	1 x 6/8/9/10	2 x 5/6/8/9/10/12	2 x 9/12/14/16

Power Pack	M&J 1000S	M&J 2000S	M&J 4000S	M&J 6000S
Motor	2 x 55 kW	110 kW	2 x 110 kW	2 x 200 kW
	2 x 75 kW	132 kW	2 x 160 kW	2 x 250 kW
	2 x 90 kW	160 kW	2 x 200 kW	
		200 kW		

Weight standard versions	M&J 1000S	M&J 2000S	M&J 4000S	M&J 6000S
Cutting table	8 – 9 t	9 – 11 t	13 – 15 t	25 – 28 t
Power Pack	2.8 t	3.0 t	5.0 t	6.0 t
Chassis and conveyor	2.2 t	2.6 t	2.8 t	4.5 t
Total weight	13.0 – 14.0 t	14.6 – 16.6 t	20.8 – 22.8 t	33.5 – 38.5 t

Capacity per hour	M&J 1000S	M&J 2000S	M&J 4000S	M&J 6000S
Household waste	up to 50 t	up to 70 t	up to 100 t	up to 200 t
Demolition wood	up to 30 t	up to 40 t	up to 60 t	up to 120 t
Industrial waste	up to 20 t	up to 20 t	up to 40 t	up to 80 t
Bulky waste	up to 20 t	up to 20 t	up to 40 t	up to 80 t



All the shredders we make share certain basic features and an exceptionally robust construction. We use components from internationally recognised suppliers, to ensure maximum performance and durability.



The open cutting table principle makes sure sand and gravel pass through the shredder without causing unnecessary wear. This basic principle is protected by worldwide patents, as are several specific geometric features.



All the functions in M&J shredders are monitored and controlled by a Siemens S7 PLC equipped with intelligent software that automatically adjusts operations to deal with specific types of waste. Automatic lubrication systems from Lincoln provide you with suitable warnings if lubricant levels get low.

# Content

Products – M&J 1000 to M&J 6000... 4	Waste and applications ..... 14
Demonstrations and tests ..... 11	Customised solutions ..... 15
Before buying..... 12	Industrial capabilities..... 16
Why an M&J shredder?..... 13	Reliable also means service ..... 18



# and mobile

M&J 1000M	M&J 2000M	M&J 4000M
2	1	2
10 to 52	13 to 55	16 to 55
1580 x 1600	2420 x 990/1240	2420 x 1750
3130 x 2100 x 1010	4000 x 2400 x 1350	4070 x 2300 x 1250
2 x 4/5/6/7	1 x 6/8/9/10	2 x 5/6/8/9/10/12
159 kW/ 213 HP	159 kW/ 213 HP	390 kW/ 530 HP
8 – 9 t	9 – 11 t	13 – 15 t
3.1 t	3.0 t	5.8 t
3.5 t	10.0 t	9.2 t
14.6–15.6 t (hook lift)	22.0–24.0 t (semi-trailer)	28.0–30.0 t (semi-trailer)
up to 35 t	up to 70 t	up to 100 t
up to 30 t	up to 40 t	up to 60 t
up to 15 t	up to 20 t	up to 40 t
up to 15 t	up to 20 t	up to 40 t



M&J 1000S



M&J 1000M



M&J 2000S



M&J 2000M



M&J 4000S



M&J 4000M



M&J 6000S

On the following pages you will find specific information on the complete M&J product range of stationary and mobile shredders. You will also find general information on why your next shredder should be an M&J.



Hydrostatic drive is always used to provide you with the ideal combination of revolutions and torque. Equipment from Parker/Denison and Hägglunds is installed as standard. This means there are no vulnerable shaft-mounted mechanical gears on an M&J shredder.



There are no bolts, bearings or adjustable parts in the cutting area. This eliminates the traditional kinds of problems that make constant cleaning and service necessary.



All M&J shredders shred efficiently in both directions. They can be controlled using a remote control unit or via industry-standard electronic signal exchange systems, such as Profibus.

# M&J 1000 range

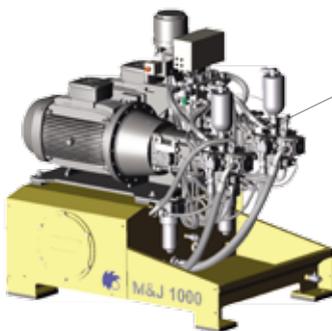
The smallest in the M&J range. It is a highly versatile, universal shredder for users that only process limited quantities of waste yet still need a high degree of flexibility, durability and profitability.

## M&J 1000S



The stationary M&J **1000S** is available in various configurations. Thanks to its modular construction, the chassis, conveyor, oil coolers, etc. can be adapted to meet individual requirements in either new or existing plants.

The M&J 1000S has three different Power Pack options – 2 x 55 kW, 2 x 75 kW and 2 x 90 kW – depending on the required capacity and type of material to be shredded.



Compact electro-hydraulic unit that can be mounted in different positions.

Easy access to Power Pack for rapid service.

## General features

The M&J 1000 is a very robust and versatile shredder that is equipped with two powerful shafts. These run asynchronously and shred in both directions, resulting in constant movement of material and a homogeneous waste stream.

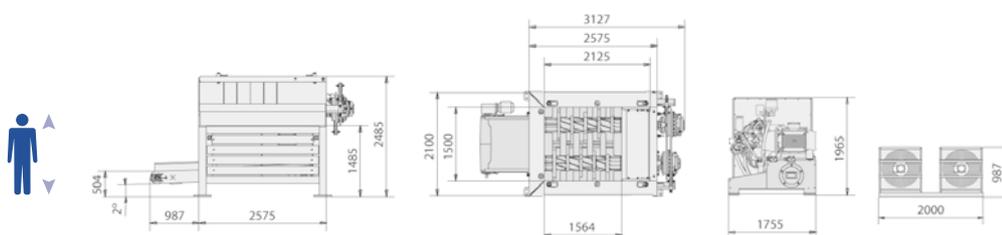
Bridging is avoided because difficult items are tackled from all angles and with a varying level of torque from the knives.

## Capacity per hour

Household waste	up to 50 t
Industrial waste	up to 20 t
Bulky waste	up to 20 t
Wood	up to 30 t



**M&J 1000S > Total weight 14.0 t**



- Twin shafts
- Extremely versatile
- Mobile or stationary
- Diesel or electric

The rotating knives are 60 mm thick and made of Hardox steel.

The counter knives are replaceable and the rotating shafts can be adjusted horizontally.

Electro-hydraulic and diesel-hydraulic versions are available.

**Grain sizes**

4 knives	< 450 mm
5 knives	< 350 mm
6 knives	< 250 mm
7 knives	< 150 mm



**M&J 1000M > Total weight 15.6 t**

**M&J 1000M**

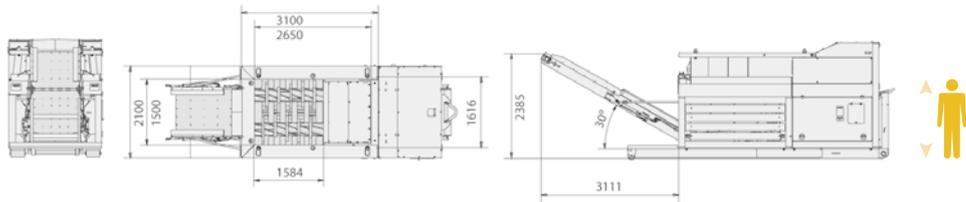
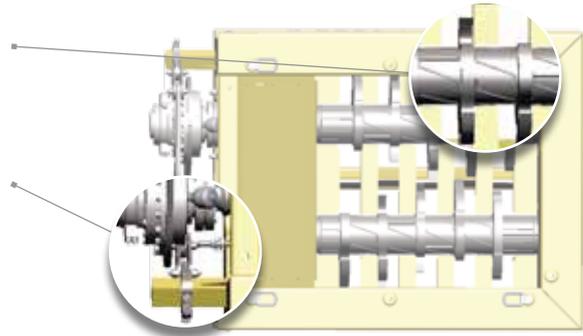


The M&J **1000M** is a very compact unit that is normally used on sites where no electricity supply is available, or where it can be necessary to move the shredder from time to time.

The shredder is available in a hook-lift version, as a trailer or semi-trailer, with hydraulic legs, or on crawlers. The power unit is a 159 kW/213 HP Perkins diesel engine.

The M&J 1000 has replaceable counter knives and horizontally adjustable shafts.

Robust bearings and a hydraulic motor located away from the actual cutting area guarantee easy access for checking and service.



# M&J 2000 range

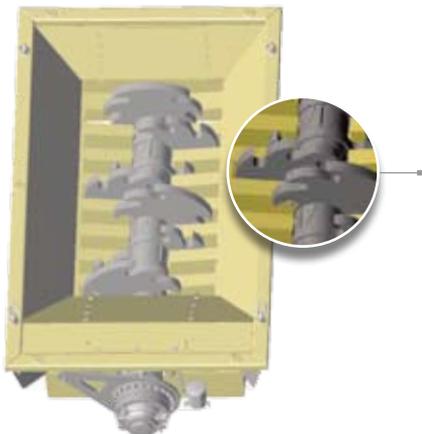
Particularly suitable for shredding household waste in cases where huge capacities are required.

## M&J 2000S



**The HP version of the M&J 2000S** is the equipment of choice for shredding or bag opening of huge amounts of household waste that contains only a limited amount of complicated material. Capacities can be up to 70 t/hour, depending on the exact nature of the waste and the size of the Power Pack installed.

It is driven by a hydraulic system with a direct hydrostatic drive. This means the machine always starts at full power and speed, and all the power is exploited for shredding.



The 80 mm counter knives and the open cutting table provide the perfect combination for a highly durable design. This enables you to schedule service and maintenance efficiently, helping prevent unforeseen production downtime.

## General features

The M&J 2000 is a single-shaft shredder with a cutting table size that is almost as big as the M&J 4000. This enables you to load the shredder with a front wheel loader, feeding conveyor or a bridge crane.

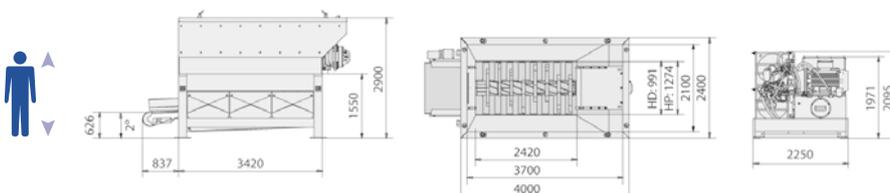
Automatic reversal and shredding in both directions prevents any material wrapping around the shaft. The M&J 2000 can be equipped with two different rotating knife designs, both with 80 mm Hardox knives.

## Capacity per hour

Household waste	up to 70 t
Industrial waste	up to 20 t
Bulky waste	up to 20 t
Wood	up to 40 t



**M&J 2000S > Total weight 16.6 t**



- Single shaft
- Large cutting table
- Household waste
- Demolition wood

### HD (Heavy Duty)

The HD knife is the all-round knife design that shreds the same kind of material as the M&J 4000 – including carpets, mattresses and other difficult materials, as well as wood and household waste.

### HP (High Performance)

HP knives have larger diameters than their HD counterparts. They have 2 x 3 knife tips on each blade. These blades were specially developed for shredding household waste, demolition wood and green waste – applications in which the nature of the material means there is no need for extreme force.

#### Grain sizes

6 knives	< 450 mm
8 knives	< 300 mm
9 knives	< 250 mm
10 knives	< 200 mm



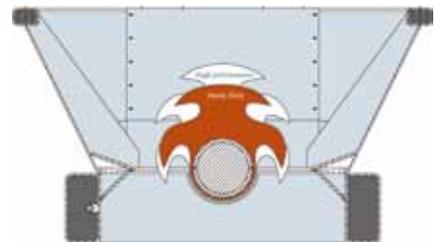
### M&J 2000M



The M&J **2000M** is a mobile shredder that performs in the same way as the stationary version. It is available in a range of different versions to meet specific needs – for example as a trailer or semi-trailer, with hydraulic legs and on crawlers.

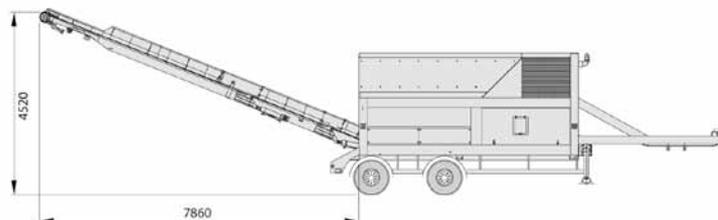
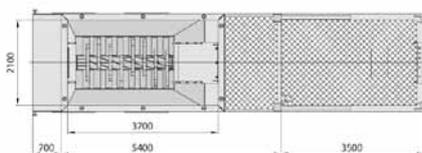
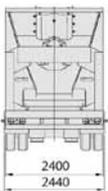
The M&J 2000M shredder is powered by a 159 kW/213 HP diesel engine that complies with the latest EU emissions requirements.

The HD rotating knife has a smaller diameter than the HP knife. This means it generally exerts greater torque on the material you want shredded.



The HP knife, with its 3 knife tips, is the perfect solution for shredding household waste, where high torque is not normally needed. However, when “unexpected” non-household items – such as bicycles and steel radiators – turn up in the waste stream, the tip closest to the shaft applies greater torque, making sure it is dealt with effectively.

**M&J 2000M > Total weight 24.0 t**



# M&J 4000 range

The perfect shredder for all kinds of waste. This unit can tackle everything shreddable – with no exceptions.

## M&J 4000S



The M&J **4000S** is designed to meet the special needs of plants in which the incoming material is extremely varied in terms of size and composition and can contain unknown quantities of steel, stones and concrete. Examples include recycling plants for refuse derived fuel (RDF), incinerators and large hazardous waste plants.

## General features

This model is the most versatile and robust of all M&J shredders, capable of shredding any type of material. The huge cutting table measures 4070 x 2300 mm. This ensures that virtually any kind of material can be loaded into the shredder and the twin-shaft system makes sure that bridging does not arise.

M&J 4000 shredders are equipped with a double hydrostatic drive system, with motor capacities from 264 kW up to 400 kW, depending on the nature of the waste stream, the required output and the desired grain size.

## Capacity per hour

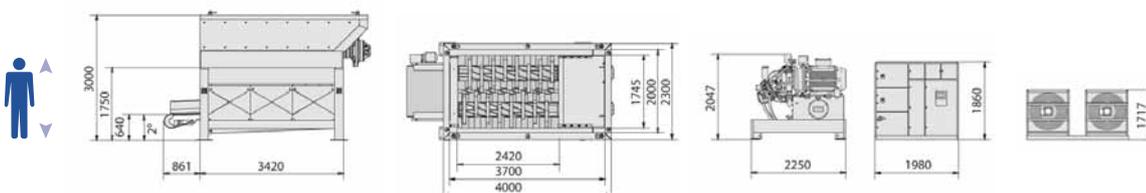
Household waste	up to 100 t
Industrial waste	up to 40 t
Bulky waste	up to 40 t
Wood	up to 60 t



The M&J electro-hydraulic Power Pack features a robust design specially developed for demanding, long-term use, and with easy access for service.



M&J 4000S > Total weight 22.8 t



- Twin shafts
- Bulky, industrial, hazardous and household waste
- Pre-shredding for picking lines
- Fine shredding for CFB incineration

The M&J 4000 is available with 5–12 rotating knives, depending on the required grain size. Versions equipped with 2 shafts – with 5 knives per shaft that provide grain sizes of up to 800 mm, are ideal for manual picking lines. The version fitted with 12 knives produces a material < 100 mm, making it ideal for use in conjunction with Circulating Fluidised Bed (CFB) incineration or other applications requiring relatively small grain size.

#### Grain sizes

5 knives	< 800 mm
6 knives	< 450 mm
8 knives	< 300 mm
9 knives	< 250 mm
10 knives	< 200 mm
12 knives	< 100 mm

#### M&J 4000M



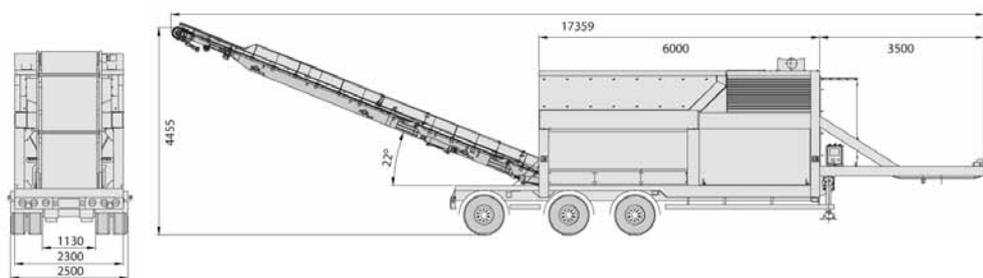
The M&J **4000M** deals with the same kinds of material as the 4000S. It is equipped with a 390 kW/530 HP engine with either a standard hydraulic system or the special HDC high-speed version.

This shredder is available as a trailer or semi-trailer, as a crawler, and with hydraulic legs for semi-static use where no electricity supply is available. The Power Pack used in these mobile shredders is a particularly compact unit that we design and build in-house.

It is the number of rotating knives that decides the grain size of the shredded material. For example, 6 knives means wider openings between counter knives in the cutting table, resulting in larger grain size. Similarly, a 12-knives configuration means narrower openings between the knives, and a smaller grain size.



**M&J 4000M > Total weight 30.0 t**



# M&J 6000 range

Probably one of the world's most productive stationary waste shredders  
– with unique capabilities.

## M&J 6000S



The M&J **6000S** is one of the largest pre-shredders currently on the market, and is capable of shredding large volumes of any kind of waste. These units are ideal when there is a need for very high capacities or for shredding material that is either extremely bulky or very heavy. Examples include large bales of paper, cardboard and plastic, and rolls from the paper industry.



## General features

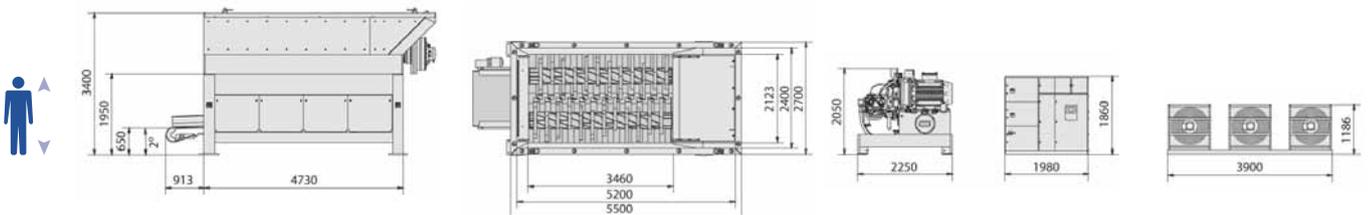
The cutting table is 5500 x 2700 mm in size and power of up to 500 kW is available. The pre-shredder is available with 9, 12, 14 or 16 knives, depending on the required grain size. As is the case with all our shredders, you can vary the speed as required. With the M&J 6000, you can adjust the speed from 11–38 rpm, making sure the output volume provides maximum efficiency in any subsequent processing. The cutting table itself weighs just 28 tons. With the chassis, conveyor, Power Pack and hopper, the overall weight amounts to about 40 tons.

## Capacity per hour

Household waste	up to 200 t
Industrial waste	up to 80 t
Bulky waste	up to 80 t
Wood	up to 120 t



**M&J 6000S > Total weight 38.5 t**



# Demonstrations and tests

Most shredders work perfectly in the beginning.  
But do they last, and what kind of return on investment will they provide?

## On-site test

Experience has shown that the best way to provide you with really useful information and insight about what high-quality shredders can do for your operations, is on-site demonstrations and tests using mobile units operated by our own personnel.

## Confirming performance

The aim is to provide you with a clear idea of the performance and efficiency of our shredders, and at the same time give you a unique opportunity to validate these performance figures using your particular type of waste.

This makes sure everyone concerned has the best possible basis for more specific discussions about the most effective shredder solution for each project.

## Anywhere in Europe

We will gladly provide you with demonstrations and undertake test runs throughout Europe.

At these tests we can demonstrate the performance of M&J shredders using different types of wastes and in different applications.



## Arrange an on-site demonstration or test

Contact us directly, via [www.mj.dk](http://www.mj.dk) or via your local M&J dealer. We will need basic information about the kind of waste you need to process, your site, the means of loading and your requirements regarding capacity and grain size.

Apart from that, all you need to provide is some appropriate waste, a loader and a place where we can clean the shredder after the test.

Every test will be evaluated by our personnel and we will provide you with a complete report, to give you the best possible basis for your future project.

Contact us, if you would like more information about how to get the most out of an on-site test. If such a demonstration is not possible, we can arrange for the demonstration to take place elsewhere.

## Visit other users:

**If neither approach suits you, we can recommend one or more users of M&J shredders whose operations resemble yours, so that you can either visit them or contact them by phone.**



# Before **buying**

Modern society produces enormous amounts of waste that differs dramatically depending on source and origin.

The composition and specifications of even the same category of waste vary greatly from country to country, and even from one location to another.

All this waste has to be collected, transported and processed within increasingly stringent regulatory and environmental frameworks. At the same time, it is important to achieve maximum productivity and value, with a minimum of risk and cost.

This presents waste processing companies with serious challenges, and makes it crucial to choose the right equipment.

## **Decision-making**

The decision whether or not to include a shredder in your waste treatment processes should reflect these many considerations – as should the choice of a specific shredder brand and model.

Certain specific processes clearly require a shredder – automatic sorting lines and refuse derived fuel (RDF) lines, for example. Whereas it is the overall financial benefits of volume reduction that come into play regarding transport, landfill operations and improved incineration processes.

## **Range of choice**

The shredder industry as a whole provides many different sizes and technologies to suit different needs, depending on the input material and the purpose of the process.



Some of the key considerations, you may need to make before a final acquisition decision, are:

- **Can you rely on the cost calculations for each tonne of shredded material and are these calculations based on realistic data about waste inputs?**
- **Can you be sure of keeping the downtime for the complete plant at the required level?**
- **Will the shredder continue to maintain a consistent performance and uptime figures when it is no longer new?**
- **Have the full life cycle costs been considered properly and can they be guaranteed – including the replacement of wearing parts, maintenance and energy consumption?**
- **Is the supplier capable of continuing to develop new features and technologies, and will you be able to get these integrated into the shredder you are considering purchasing?**
- **Do you have a clear picture of the daily/weekly maintenance and cleaning requirements and do you know how long they will take and what they will cost?**
- **Has the shredder in question performed well in tests under realistic circumstances at your own site?**



In the course of our extensive, in-depth experience in the design, manufacture and testing of shredders for solid waste, we have addressed these issues – and more. Contact us if you would like any assistance with the big decision.

# Why an M&J shredder?



The current range of M&J shredders are designed to satisfy a broad spectrum of requirements and uses within industries that deal with waste and recyclables.

We cannot claim to cover every need. But if your requirements involve no nonsense shredding of a wide variety of waste – including waste that is very mixed, polluted or difficult – you would benefit from putting us on your shortlist of companies to talk to.

M&J shredders will provide you with consistent, highly efficient performance when processing:

- Household waste
- Industrial waste
- Bulky waste
- Hazardous waste
- Green waste
- Biomass
- Construction/demolition waste



and if your waste stream contains particularly difficult items such as:

- Mattresses
- Carpets
- Big-bags
- Tree stumps
- Cable reels
- 1000-litre grid containers
- 200-litre plastic or steel drums/barrels (full or empty)
- Bicycles
- Refrigerators and other similar household appliances.

M&J shredders are also capable of dealing with so-called “unshred-dables”, such as engine blocks, reinforced concrete and solid steel bars.

## An M&J shredder gives you:

- An open cutting table that reduces wear to the bare minimum.
- Bi-directional shredding that results in a consistent flow of shredded material onto the down-stream conveyors.
- Asynchronous shredding that keeps the waste in constant movement, thus improving shredding efficiency.
- The benefits of an “aggressive” knife design, which means no pushing device is required.
- A central lubricating system as a standard on all machines.
- Automatic reversal if the knives encounter large or tough steel parts.
- Power pack and cutting table that can be mounted separately, to keep more “delicate” components away from dust, etc.
- PLC controls that are easy to connect to overall control systems via Profibus or other similar fieldbus systems.
- Intelligent shredding routines that automatically adapt to the characteristics of the material being processed. The M&J PLC control system is equipped with 6 standard programs, including 2 that can be programmed individually.
- Hardox steel used in all the parts of the cutting table that are exposed to wear.

# Waste and **applications**



M&J shredding technology is based on an extremely aggressive knife design and the so-called open cutting table. These distinct technical advantages make sure our shredders provide outstanding performance when dealing with mixed and difficult waste.

These key features also make M&J shredders extremely resistant to wear and damage caused by the kinds of waste that are normally considered unshreddable, such as solid steel, reinforced concrete and rocks.

M&J shredders can normally tackle most forms of waste – even the unshreddable kind. However, we have also developed special models to perform with particular efficiency on certain specific types of waste. These differences in capability are determined by parameters that include the size of the cutting area, the number of shafts, the design of the rotating knives and the motor power available.

## **Versatility**

M&J shredders feature a modular design approach that means we can combine a range of well-proven components to tackle your specific needs.

We have a long list of customer references in which we have applied different solutions within each segment of industry, adapting our shredder technology to the individual requirements of each customer.

With more than 400 shredders installed in Europe alone, M&J Industries has the products, the experience and the know-how to tailor our unique technologies to cater to the full spectrum of your needs.

## **Most common applications**

Because they are so versatile, M&J shredders are used in processing virtually the whole spectrum of household, industrial and high-bulk waste. They are used in applications that include:

- Biomass
- Waste incinerators
- Processing lines for RDF
- Sorting lines – manual and automatic
- Cement factories
- Waste-to-energy plants
- Composting plants
- Landfills
- Transfer stations
- Municipal solid waste plants
- Recycling plants
- Destruction of dead animals
- Paper factories
- Construction and demolition waste plants
- Wood waste plants
- Haz-waste treatment

In addition to supplying both standard and customised shredders, M&J Industries can also provide the engineering services and installation work essential for integrating our shredders smoothly into either new or existing plant set-ups.

# Customised solutions



We also design and manufacture customised installations for shredding specific materials and meeting particular shredding requirements. Such challenges often play a crucial role in boosting performance and durability in well-defined waste streams for specific purposes, such as:

- Glass shredding
- Dead animals
- Large rolls of paper
- Big bales of cardboard
- High-performance shredding of municipal solid waste (MSW)
- Shredding inland ice to make ice cubes
- Straw for biomass incineration
- Shredding tree stumps
- Hazardous waste



The versatility of M&J shredders, and the ingenuity of our engineers have paved the way for supplying numerous special solutions around the world.



The M&J service approach also means long-term working relations with many of our customers – exchanging information and providing technical and innovative updates – to ensure ever-more efficient shredding operations.



# Industrial **capabilities** since



Established in 1857 in Horsens, Denmark as a foundry under the name “Møller & Jochumsen”, the M&J Industries of today has a long tradition of designing and manufacturing industrial components and equipment.

Throughout our long history, we have played an active part in many technical “revolutions”. Up until the Second World War, the company was one of Denmark’s leading manufacturers of steam engines, as well as producing industrial diesel engines. We have also manufactured turbines, petroleum engines, generators and complete water towers, as well as a wide variety of machinery and equipment for many different industries.



The anvil has long since been replaced by fully automatic, efficient manufacturing equipment. And the craftsmanship of the blacksmiths has been supplanted by manufacturing by other trained specialists and skilled machinery operators. The result is advanced-technology products and services of outstanding quality.

### **Best results from working together**

The basis of any good co-operation lies in an in-depth understanding of the customer’s requirements and respect for individual preferences. We believe that a close teamwork with both customers and suppliers, based on mutual respect and

trust, gives the best results – to the benefit of all concerned.

The advanced production engineering equipment now available, makes it possible to manufacture items that are nearly perfect. But it is our committed employees and their know-how and craftsmanship that ensure we can consistently achieve solutions of unique quality.



# 1857 – your **benefits today**



We work with the development, manufacturing and sales of a wide range of high-performance shredders. These are used throughout the world in incineration plants, sorting lines, landfill sites, transfer stations and many other segments within the waste industry.

Our staff have extensive practical experience combined with strong theoretical backgrounds within many specialist of engineering and manufacturing fields.

Our offices and manufacturing premises are located in Horsens, Denmark. The site covers approx. 50,000 sq m, with more than 18,000 sq m under roof.

A comprehensive machine park means we are fully capable of responding to the ever-increasing demands within the waste processing industry.

- Our facilities are well-suited for handling the large, heavy-duty components that M&J shredders are made of.
- Our technical know-how makes sure we remain innovative and keep ahead of the competition in the shredder industry.
- Our know-how and production facilities allow us to adapt our shredder designs to changing market requirements.
- Our organisational and technical skills and resources ensure quality products delivered and installed on time – and serviced when you need it.



# Reliability also means **service**

## Customer quote

**“We were looking for the most robust shredder on the market. A good working environment for our employees was also a high priority. Our processing operations mean we can’t avoid dust completely, but we do aim to keep it to a minimum. We’ve found that the best way for us to achieve this is by using low-speed shredding machinery like the two M&J 6000 units we currently operate. We also experience that these units wear less than most – as well as keeping fire risks down”**

**Benny Broman** Sydkraft / Norrköping, Sweden



M&J shredders are normally the first step in treating mixed and difficult wastes. This means they are often directly exposed to all the impurities and unwelcome surprises in the incoming waste stream.

As a result, M&J shredders often have to deal with extremely tough operating conditions. Even the sturdiest units therefore have to be maintained and serviced properly to make sure they perform at maximum efficiency and to keep expensive downtime to a minimum.

To achieve this, we provide an exceptionally strong service concept that focuses on meeting our customers' needs for rapid response service programmes that comply with the changing needs of the future.

Our experienced service teams, consisting of both our own experts and local support technicians, are at hand to install and service M&J shredders on five continents.

Their job is to make sure each customer and his staff is completely satisfied with the M&J shredder we have installed for them. This is done via good dialogue with the user and by updating and optimising each shredder's performance.



M&J service teams also:

- Provide accurate, easy-to-use information and instructions at start-up, as well as dealing with service visits and customer enquiries. The aim is to help make it easier for the customer to operate and run his M&J shredder as efficiently as possible.
- Deal with all aspects of after-sales service. In addition to technical support, this includes delivery of spare parts from stock, undertaking both preventive and curative service visits, rebuilding shredders when needed, training of operators and local maintenance.
- Ensure that our service know-how is focused, correct, and delivered promptly. Parts are delivered within 24 hours and customers can contact us 24/7/365 via a special service phone line.

# -24 hour a day, **all year round**



**We meet day-to-day challenges by applying a full range of service-related resources and facilities. These include:**

- A qualified team of service supervisors, technicians, engineers and back-office trouble-shooting staff is closely involved in servicing M&J shredders and providing support for our customers.
- A growing number of service vans and special trucks attend to customers' needs all over Europe.
- A full inventory of replacement wearing parts and spare parts.
- In-house engineering and manufacturing facilities for rapid, effective trouble-shooting and tackling special requirements.
- Trained, authorised local service technicians on hand in most countries where M&J shredders are marketed.



#### Customer quote

**“The shredder has a really solid base, and we can be confident there won't be any large fragments of non-processed material escaping from it. In addition, the cutting table only requires maintenance a few times a year. This is extremely important for us, because it cuts down on time when everything is at a standstill due to maintenance.”**

Attilio Piattelli Sistema Ecodeco, Italy



### **M&J Industries A/S**

Vejlevej 5

DK-8700 Horsens

Denmark

Tel: +45 7626 6400

Fax: +45 7626 6401

[mj@mj.dk](mailto:mj@mj.dk)

[www.mj.dk](http://www.mj.dk)

