



"High Efficiency Scrap Metal Shredding Machine"

Superior Performance in Recycling with Redmonster Scrap Metal Shredders;

Metal recycling is crucial for environmental sustainability and economic efficiency. Metal shredders play a critical role in this process. The Redmonster series of twin-shaft metal shredders effectively shred metals, making them suitable for recycling. These machines have the capacity to process different types of metals and provide great convenience in industrial waste management. Redmonster series metal shredders can process various metal types such as scrap iron, aluminum, stainless steel and metal bales. Thanks to their modular design, these machines can be customized with speed, torque and blade options depending on customer requirements. This flexibility makes Redmonster machines ideal for various recycling applications.

Redmonster scrap metal shredders are characterized by their high torque and robust construction. These machines effectively and safely shred large and durable materials. Their highly efficient motors and durable components ensure a long service life. These machines are designed for continuous operation and stand out with their integration into existing plants. Redmonster metal shredders have user-friendly features that allow operators to operate the machine easily and safely. The automatic reversing system and overload sensors ensure safe and uninterrupted operation. While these features increase operational efficiency, they also attract attention with their ease of maintenance. Metal shredders are an indispensable part of the metal recycling process. With their high efficiency, durability and user-friendly design, these machines provide great convenience in industrial waste management. Redmonster scrap iron shredders play an important role in metal recycling with their wide range of applications and powerful performance. These machines contribute to environmental sustainability by optimizing the waste management processes of businesses.

Advantages of Redmonster Scrap Metal Shredder Machine;

Redmonster metal shredders are equipped with a combination of high torque and low speed, enabling fast and efficient metal shredding. Their powerful motors and durable components ensure high performance even under continuous working conditions. Their robust construction and long-life blades ensure long-term use of these machines. They withstand harsh operating conditions and require minimal maintenance. Easy-to-use control panels and simple designs allow operators to operate the machine comfortably. The automatic reversing system and overload sensors ensure safe and uninterrupted operation. It can process scrap iron, aluminum, stainless steel and other types of metal. It can be used in scrap yards, metal recycling plants, automobile recycling to electronic waste recycling. Contributes to environmental sustainability by accelerating the metal recycling process. With its energy efficiency, it reduces operating costs and reduces environmental impacts.



Low Noise

The robust and balanced structure minimizes vibrations for a quieter and more comfortable working environment.

High Torque and Durability

Metal shredders are equipped with motors that provide high torque. These motors can easily shred even large and difficult pieces of metal. Hydromotors powered by hydraulic pressure enable the machines to generate high torque

Long Maintenance Intervals

Metal shredders offer uninterrupted operation with long maintenance intervals. This increases operational efficiency and reduces operating costs.

Overload Sensors

The automation system detects overload situations and automatically rotates the machine in the opposite direction. This ensures safe and trouble-free operation of the machines.

Abrasion Resistant Blades

Blades made of high quality steel ensure long-term use. These blades can withstand the hardness of the metal and have **high** wear resistance

High Efficiency

Metal shredders shred materials quickly and efficiently thanks to a combination of high torque and low speed. This speeds up the recycling process and increases productivity.

Fast Blade Change

It works without interruption with easily replaceable cutting blades.

Easy to Use

The user-friendly control panel and simple design make the machine easy to operate. This helps operators to use the machine safely and efficiently.

Technical Specifications

MODEL	SHREDDING AREA (MM)	ROTOR LENGTH (MM)	ENGINE POWER (KW)
RDM 100	1000 X 100	1000	45-75 (2-4X)
RDM 150	1500 X 1500	1500	55-90 (2-4X)
RDM 180	1800 X 1500	1800	75-90 (2-4X)
RDM 200	2000 X 1800	2000	90-132 (2-4X)



Redmonster Scrap Metal Shredder

Performance and Efficiency

Double Shaft Design

The Redmonster Series has two main shafts that cut or grind scrap metals. The shafts rotate at high torque and low speed thanks to planetary gearboxes and hydromotors, which ensures effective shredding of scrap metals.

Energy Efficiency

Highly energy efficient motors and systems lower operating costs and reduce environmental impact.

Long Lasting Blades

High-quality steel blades are resistant to abrasion and ensure long-term use.

Operator Safety

The moving parts are surrounded by protective structures, preventing accidental contact by operators.



Industrial Usage and Application Areas;

Redmonster scrap iron shredders are powerful machines designed to shred a wide variety of metal scrap. These machines effectively shred scrap metal in scrap yards and metal recycling plants. Scrap metals are shredded to a specific size and then easily sorted and used for recycling. Redmonster metal shredders can be used in applications ranging from car recycling to electronics recycling, making metal recycling much faster and more efficient.

The Redmonster series of metal shredders offer innovative and efficient solutions for metal recycling and waste management. With high productivity, durability and user-friendly features, these machines support environmental sustainability in the processing of metal waste. By making metal recycling faster and more efficient, Redmonster machines optimize the waste management processes of enterprises and minimize the negative impact on the environment. MT Makina opens the doors to a new era in metal recycling with the Redmonster series.

OPTIONAL FEATURES

- Four Motor Design
- Rotor Cooling System
- Automatic Lubrication Unit
- Hydraulic Press Unit
- Sieves in Different Sizes
- Bolt-on Detachable Blade Design
- Electric Motor Drive System
- Feed Conveyor
- Discharge Conveyor



FREQUENTLY ASKED QUESTIONS (FAQ)

WHAT KIND OF METALS CAN METAL SHREDDING MACHINES WORK ON?

Metal shredding machines can process various types of metals, including ferrous and non-ferrous metals. These metals include scrap steel, aluminum, copper, stainless steel, metal briquettes, car bodies, radiators and paint cans.

IN WHICH INDUSTRIES ARE METAL SHREDDING MACHINES USED?

Metal shredders are used in various sectors such as recycling plants, scrap yards, steel mills, automotive industry, electronics recycling plants and waste management industry. They are also frequently preferred in construction and demolition.

HOW DO METAL SHREDDING MACHINES WORK?

Metal shredding machines break metal into small pieces using high-torque motors and durable blades. The machines usually have a two-shaft design, with the shafts rotating at low speed, effectively shredding the metal. The shredded metal is then ready for recycling or reuse.

HOW TO MAINTAIN METAL SHREDDING MACHINES?

Maintenance of metal shredders usually includes regular lubrication, checking the sharpness of the blades and replacing worn parts. The long maintenance intervals of metal shredders allow uninterrupted operation of the machine. Furthermore, automatic lubrication systems and easy blade change mechanisms further simplify maintenance operations.

ARE METAL SHREDDING MACHINES ENVIRONMENTALLY SUSTAINABLE?

Yes, metal shredders contribute to environmental sustainability. By speeding up the recycling process and reusing metals, they help conserve natural resources. In addition, energy-efficient motors and systems reduce environmental impact.

HOW EFFICIENT ARE METAL SHREDDING MACHINES?

Scrap iron shredding machines can reach productivity levels ranging from 1 ton to 10 tons per hour, depending on the model and capacity. This can vary according to the size of the machine, engine power and the type of material being shredded.

ARE METAL SHREDDING MACHINES SAFE?

Yes, modern metal shredders are equipped with various safety features to ensure safe working conditions. These features include overload sensors, an automatic reversing system, emergency stop buttons and protective coatings.

CAN METAL SHREDDING MACHINES BE PRIVATIZED?

Yes, metal shredding machines can be customized according to customer requirements. Different blade designs, motor powers, screen sizes and other features can be adjusted to suit specific needs. This allows the machine to be optimized for specific metal types and applications.

HOW TO ASSEMBLE AND USE METAL SHREDDING MACHINES?

Metal shredding machines are usually assembled by teams of professionals. The installation process varies depending on the size and complexity of the machine. During use, user-friendly control panels and simple designs allow operators to operate the machine easily. Operators should receive the necessary training to use the machine safely and efficiently.