



"Four-Shaft Power for Tough Shredding Jobs, MT Machine!"

For bulky waste shredding applications, the DS Series Four Shaft Solid Waste Shredder;

Four-shaft shredding machines are advanced equipment designed for effective and efficient processing of various wastes. These machines offer high performance and durability in industrial and commercial waste management, recycling and other applications. Thanks to their robust construction, modular design and flexible operation, four-shaft shredders are capable of processing a wide range of materials.

Plastic barrel, metal barrel, paint barrel, Household garbage, medical waste, Plastic frame, plastic block, plastic box, Aluminum profile, oil filter, metal tank, Newspaper, cardboard paper, corrugated paper, copy paper, Refrigerator, circuit board, TV case, Glass wool, glass cup, glass bottle and so on. The four-shaft shredding machine multiple sealing structure effectively prevents material pollution. Four-shaft shredding

machine bearings with superior durability ensure a long service life. It is ideal for processing large hollow products and increases throughput.

DS-Series Four Shaft Solid Waste Shredder Machine Advantages;

The capacity to process different types of materials makes four-shaft shredders suitable for a variety of industries. They can efficiently process a wide range of materials such as plastic, metal, wood, paper, glass and electronic waste. Thanks to their modular design, the four-shaft shredders ensure high component interchangeability and accessory standardization. This shortens maintenance and repair times and reduces operating costs. Blades made of high-quality steel and robust construction ensure that the machine delivers long-lasting and reliable performance even under harsh operating conditions. Wear-resistant components increase the machine's productivity. The four-shaft design provides fast and efficient shredding of materials with a combination of high torque and low speed. This offers high processing capacity and efficiency. The user-friendly control panel and simple design make the machine easy to operate. Quick and easy replacement of blades and other components reduces maintenance times and costs.

Versatility

The capacity to process different types of materials makes these machines suitable for various industries.

Long Maintenance Intervals

It allows you to work uninterruptedly with long maintenance intervals.

Flexibility

The capacity to process a wide range of materials makes these machines suitable for various industries.

Abrasion Resistant Blades

It offers long-lasting shredding with blades made of high quality steel.

High Efficiency

Single-shaft shredders shred materials quickly and efficiently thanks to a combination of high torque and low speed.

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.



Technical Specifications

MODEL	SHREDDING AREA (MM)	ROTOR LENGTH (MM)	ENGINE POWER (KW)
DS-80	800 X 800	800	11-22 (4X)
DS-100	1000 X 1000	1000	15-45 (4X)
DS-150	1500 X 1500	1500	22-75 (4X)

DS-Series Four-Shaft Shredder

Performance and Efficiency

Four Shaft Design

The DS-Series has four main shafts that cut or grind materials. The shafts rotate at high torque and low speed, which enables materials to be shredded efficiently.

Energy Efficiency

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

Modular Blade Design

Blades are easily interchangeable and customizable.

Solid Structure

Made of heavy-duty steel, it withstands harsh working conditions.



Industrial DS-Series Four Shaft Solid Waste Shredders designed for continuous operation;

Four-shaft shredders play an important role in waste management and recycling processes with their high productivity, durability and flexible operation. Our DS Series four-shaft shredders are characterized by their capacity to process a wide range of materials, energy efficiency and user-friendly features. The four-shaft shredder will continue to be a critical tool in meeting environmental and safety requirements while increasing operational efficiency in waste management and recycling processes.

OPTIONAL FEATURES

- Belt Pulley Hydraulic Coupling
- Rotor Cooling System
- Automatic Lubrication Unit
- Hydraulic Press Unit



- Sieves in Different Sizes
- Bolt-on detachable blade design
- Hydromotor drive system
- Office and industrial chassis design
- Conveyor Applications for Exit

FREQUENTLY ASKED QUESTIONS (FAQ)

WHAT IS A FOUR-SHAFT SHREDDING MACHINE FOR?

The four-shaft shredding machine is a powerful and durable industrial equipment used to shred various waste materials into small pieces. Thanks to its four-shaft design, it operates at high torque and low speed, ensuring an efficient and effective shredding process.

WHAT MATERIALS CAN IT SHRED?

The four-shaft shredders can process a wide range of materials. These include plastic drums, metal cans, electronic waste, household waste, medical waste, paper, glass and wood.

WHERE IS THE FOUR-SHAFT SHREDDING MACHINE USED?

Four-shaft shredders are used in many different sectors such as recycling plants, waste management centers, industrial production facilities, municipal waste facilities and medical waste processing facilities.



HOW TO MAINTAIN THE MACHINE?

Four-shaft shredders are maintained by regular inspection and cleaning. The condition of the blades should be checked regularly and replaced if necessary. Lubricating the machine and checking moving parts are also part of the maintenance process.

WHAT ARE THE SAFETY FEATURES OF FOUR-SHAFT SHREDDING MACHINES?

These machines are equipped with various safety features to ensure user safety. These include emergency stop buttons, protective covers and overload protection systems.

WHAT IS THE SHREDDING CAPACITY?

Shredding capacity varies depending on the model of the machine and the type of material being processed. In general, four-shaft shredders are designed for high-capacity jobs and can effectively process large volumes of materials.

ARE FOUR-SHAFT SHREDDING MACHINES ENVIRONMENTALLY FRIENDLY?

Yes, by reducing the volume of waste materials, these machines facilitate recycling processes and promote environmental sustainability. In addition, their low-speed operation ensures energy efficiency and minimizes environmental impact.

CAN FOUR-SHAFT SHREDDING MACHINES BE CUSTOMIZED?

Yes, four-shaft shredding machines can be customized according to specific industry requirements and types of materials to be processed. Various features such as blade configurations, screen sizes and motor powers can be adjusted according to user needs.