



"Easily Break Difficult Tree Roots with MT Makina"

Groundbreaking Technology in Waste Management with Tree Stump Shredders;

Today, waste management and recycling processes are of great importance for the conservation of natural resources and environmental sustainability. Efficient shredding of tree roots, woody waste and scrap wood is an important part of these processes. MT Makina breaks new ground in waste management by offering high performance, durability and user-friendly solutions in this field with its innovative tree stump shredding machines. Tree stump shredders have a multi-blade rotor structure and combine high performance and durability. Feed teeth mounted on the feed hopper ensure that the materials are processed at the desired speed. When the rotor is overloaded, the feed hopper rotates in the opposite direction, preventing jamming and ensuring uninterrupted machine operation. In addition, with no foreign material ingress, the lifetime of the cutting blades is extended and maintenance costs are reduced.

The tree stump shredders are equipped with a combination of high torque and low speed. This feature ensures that materials are shredded quickly and efficiently. Equipped with highly energy efficient motors and systems, these machines reduce operating costs and minimize environmental impact. In addition, their durable construction and long-lasting blades ensure long-term and uninterrupted use. The tree stump chippers are equipped with user-friendly control panels and simple designs to make it easy for operators to operate the machine. To aid feeding, feed teeth mounted on the inner wall of the hopper allow the hopper to rotate in the opposite direction when the rotor is overloaded. This prevents the stump grinder from jamming and the operation continues uninterrupted. Wood stump shredders are industrial machines that support environmental sustainability. With their high efficiency, long-lasting blades, low noise level and user-friendly design, these machines play an important role in the processing of tree roots and woody waste. Thanks to their mobile design, these machines can be used in different locations, providing great advantages in areas such as agriculture and forest management.

Advantages of the Tree Stump Shredding Machine;

High torque ensures fast and efficient material shredding. Long-life blades and durable construction ensure long and uninterrupted use. Simple control panels and feed tines allow operators to operate the machine easily. It can process scrap wood, wood, pallets, MDF, chipboard and many other materials. Energy efficiency and low noise levels reduce environmental impact. Wood stump shredders allow operators to easily operate the machine with user-friendly control panels and simple designs. To aid feeding, feed teeth mounted on the inner wall of the hopper allow the hopper to rotate in the opposite direction when the rotor is overloaded. This prevents the stump grinder from jamming and the operation continues uninterrupted.



Rotating Hopper Design

Rotary Hopper Design

The rotary hopper tree stump shredders efficiently shred woody waste with a high-speed rotating shaft and ensure uninterrupted operation.

Mobile Design

Mobile tree stump chippers provide operational efficiency in agriculture and forest management with easy portability between job sites.

Long Maintenance Intervals

Tree stump chippers ensure uninterrupted and cost-effective operation with long maintenance intervals and durable blades.

Abrasion Resistant Blades

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

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)
TW-100	Ø 1000	500	132-160
TW-150	Ø 1500	800	160-220
TW-200	Ø 2000	1000	220-315



Tree Root Shredding Machine

Performance and Efficiency

Combination of High Torque and Low Speed

The tree stump chippers are equipped with a combination of high torque and low speed. This feature enables the machines to effectively shred tree roots and woody waste. The high torque allows difficult and large tree roots to be cut easily, while the low speed ensures that the machine operates safely and efficiently.

Long Lasting Blades

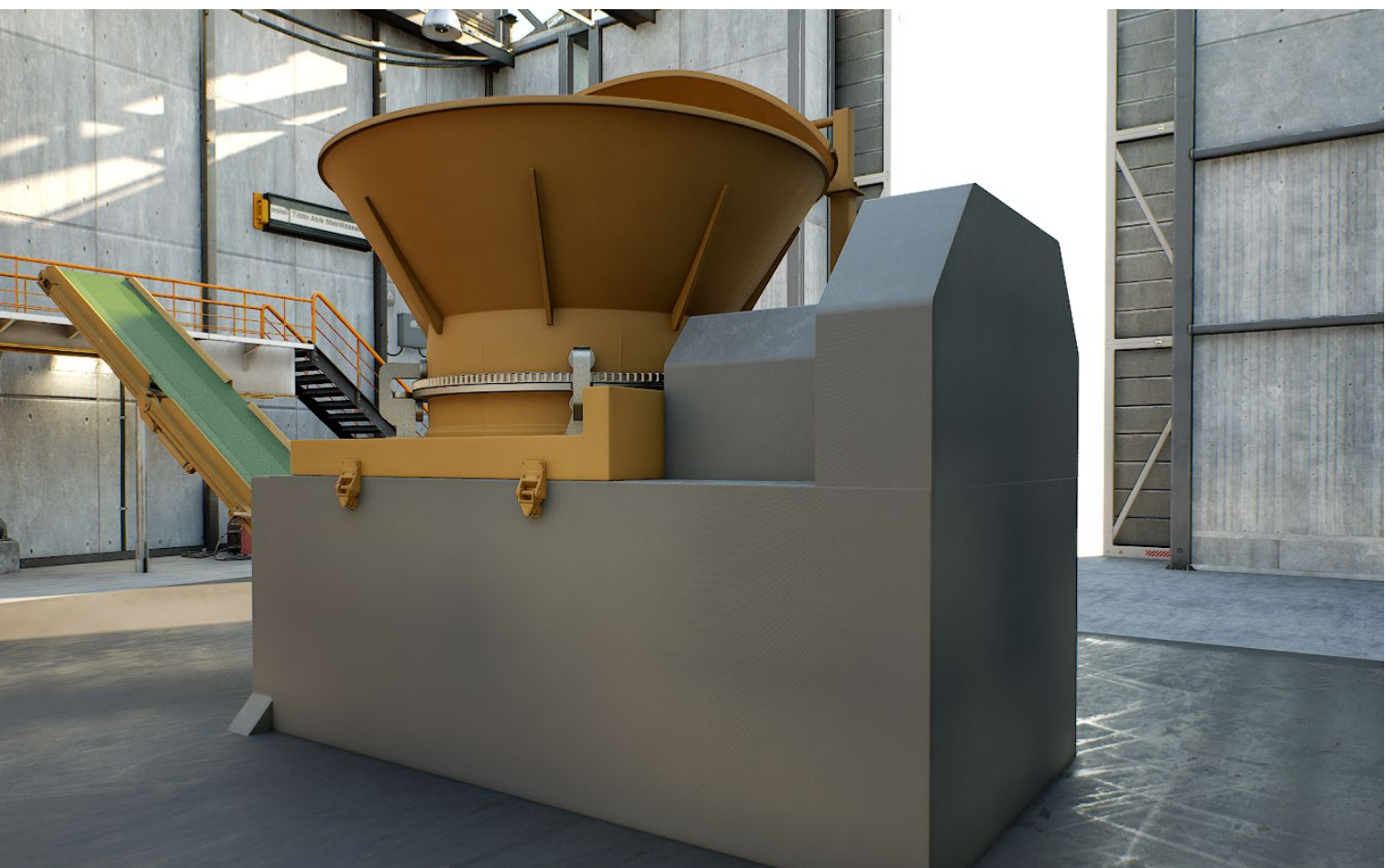
Made of high-quality steel, the blades are highly wear-resistant and ensure long-term use. These blades enable efficient cutting and shredding of tree roots and woody debris. Furthermore, the blades are easy to replace, making the machine easy to maintain and operate.

Operator Safety

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

Long Maintenance Intervals

The machines allow uninterrupted operation with long maintenance intervals. This feature requires operators to stop and maintain the machine less frequently, which increases operational efficiency. Thanks to its robust construction and quality components, the machine delivers reliable performance even under harsh working conditions.



Tree Stump Shredding Machine

Application Areas;

Tree stump shredding machines have a wide range of applications. These machines can process not only tree roots and woody waste, but also various recycling materials such as scrap wood, wood, pallets, MDF, fiberboard, wood waste and straw bales. This flexibility makes it possible to use the machine in various industries and provides a great advantage in waste management processes. Tree stump shredders offer innovative and effective solutions in recycling and waste management processes. With their high efficiency, durability and user-friendly features, these machines support environmental sustainability in the processing of tree roots and woody waste. These machines developed by MT Makina make significant contributions to environmental sustainability by increasing efficiency in waste management. With the aim of leaving a cleaner and greener world for the future, tree stump shredding machines open the doors to a new era in waste management.

OPTIONAL FEATURES

- Diesel Engine Design
- Mobile Portable Design
- Rotor Cooling System
- Automatic Lubrication Unit
- Sieves in Different Sizes
- Feed Conveyor



FREQUENTLY ASKED QUESTIONS (FAQ)

WHAT KIND OF TREE ROOTS CAN A TREE STUMP CHIPPER PROCESS?

Tree root shredding machines can process all kinds of tree roots. This machine can effectively shred large and hard roots, woody waste and scrap wood.

IN WHICH INDUSTRIES IS THE TREE STUMP CHIPPER USED?

Tree stump grinding machines are widely used in forest management, agriculture, landscaping, waste management and recycling industries. They are also preferred in construction and demolition projects.

HOW DO TREE STUMP CHIPPERS WORK?

Tree stump shredders cut tree roots and woody waste into small pieces using a high-speed rotating rotor and cutting blades. An electric motor rotates the rotor at high speed to perform the cutting process. The feed hopper delivers the material evenly to the rotor, ensuring efficient shredding.

WHAT ARE THE MAINTENANCE REQUIREMENTS OF TREE STUMP CHIPPERS?

Maintenance of tree stump chippers usually includes regular lubrication, checking the sharpness of the blades and replacing worn parts. Long maintenance intervals ensure uninterrupted machine operation and automatic lubrication systems make maintenance easier.

ARE TREE STUMP CHIPPERS MOBILE?

Yes, some tree stump chippers have a mobile design. Thanks to the mobile design, the machines can be easily used and transported to different locations. This is a great advantage in areas such as agriculture and forest management.

ARE TREE STUMP GRINDING MACHINES ENVIRONMENTALLY SUSTAINABLE?

Yes, tree stump shredders contribute to environmental sustainability. They efficiently shred tree roots and woody waste for recycling and help conserve natural resources. In addition, energy-efficient engines and systems reduce environmental impact.

ARE TREE STUMP CHIPPERS SAFE?

Yes, modern tree stump chippers 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 TREE STUMP CHIPPERS BE PRIVATIZED?

Yes, tree stump 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 tree stumps and applications.

HOW TO ASSEMBLE AND USE TREE STUMP CHIPPERS?

Tree stump chippers are usually installed by professional teams. 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.