



"Environmentally Friendly Disposal Solutions from MT Makina"

Fluorescent Lamp Crushing and Disposal Machine, Effective Solution in Waste Management;

Fluorescent lamps are widely used due to their energy efficiency and long lifetime. However, they need to be disposed of properly at the end of their lifetime because these lamps contain hazardous substances such as mercury. Fluorescent lamp crushing and disposal machines ensure that these lamps are disposed of safely and without harming the environment.

Fluorescent lamp breaking and disposal machine is a device that safely breaks used fluorescent lamps and separates and disposes of hazardous substances inside. These machines ensure that the lamps are broken and the mercury inside is controlled, thus

preventing the spread of substances that may be harmful to the environment and human health.

Powerful breaking mechanism ensures effective breaking of fluorescent lamps. Advanced filtration system ensures the separation of mercury vapours and other hazardous substances. Durable construction, made of sturdy materials, long life and durable. Safety features, various safety mechanisms ensuring operator safety. Fast and effective processing, enables large quantities of lamps to be processed in a short time.

Advantages of Fluorescent Lamp Crushing Machine;

Prevents the spread of mercury and other hazardous substances into the environment. Reduces environmental pollution and protects human health. Ensures that fluorescent lamps are broken safely and under control. Provides safe disposal of mercury vapours and other hazardous substances. Provides easy operation with its user-friendly design. Facilitates the work of operators and shortens the training time. It enables the processing of large quantities of fluorescent lamps in a short time. Saves time and cost.



Low Noise

The robust and balanced structure minimises vibrations and provides a quieter and more comfortable working environment.

Two Stage Shredding

It completely eliminates the possibility of data recovery by fragmenting the hard discs again in very small sizes for the second time after pre-shredding.

Long Maintenance Intervals

It allows you to work uninterruptedly with long maintenance intervals.

Office and Industrial Type Design

Our hard disc shredding machines have two different designs as office type and industrial type.

Abrasion Resistant Blades

With its blades made of high quality steel, it provides shredding for a long time.

High Efficiency

Hard disc shredding machines shred materials quickly and efficiently thanks to the combination of high torque and low speed.

Fast Blade Change

It works without interruption with easily replaceable cutter blades.

Easy to Use

The user-friendly control panel and simple design make the machine easy to operate.

Technical Specifications

MODEL	SHREDDING AREA (MM)	REQUIRED POWER (V)
FLUORESCENT LAMP CRUSHING MACHINE	220 LITRE METAL BARREL	220 V



Flober Fluorescent Lamp Crushing Disposal Machine Performance and Efficiency;

Closed Body

It has a closed design to prevent the spread of hazardous gases and parts into the environment.

Vacuum System

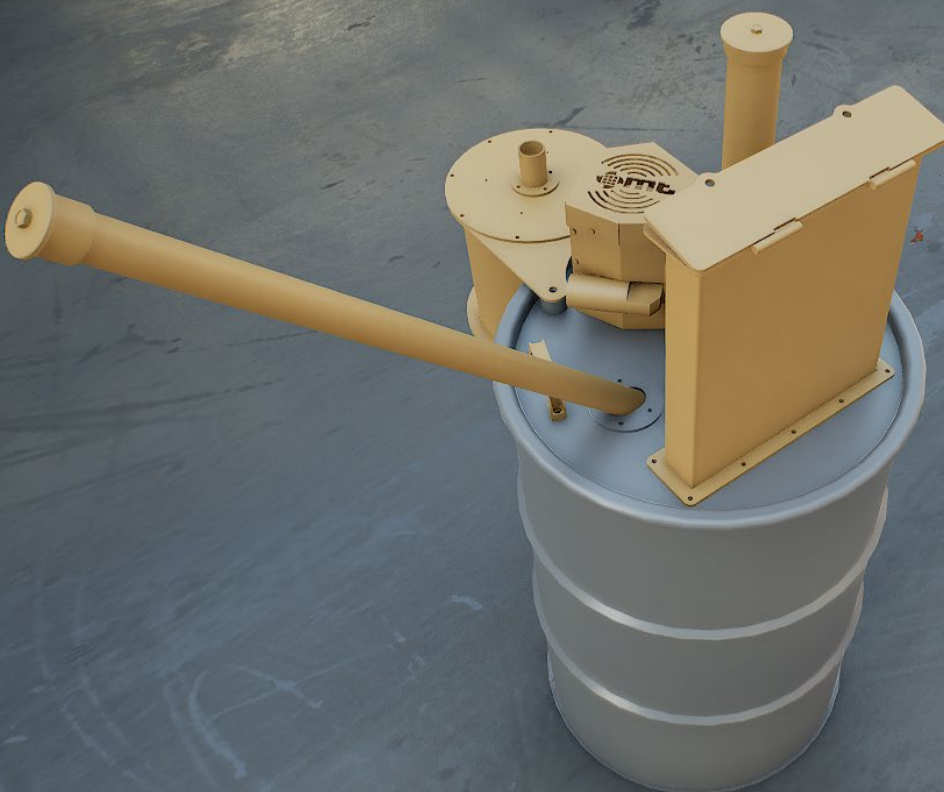
A powerful vacuum system is used to absorb mercury vapour and other harmful gases released during the crushing process.

Filtration Unit

It contains HEPA and activated carbon filters that trap harmful substances and purify the air.

Energy Efficiency

Optimised engine performance ensures low energy consumption.



Fluorescent Lamp Crushing Machine filter change times?

Dust Filter Replacement: 1000 pieces after lamp breakage

Hepa Filter Replacement: Every 5 barrels

Activated Carbon Filter Replacement: Every 10 barrels

Usage Areas of Fluorescent Lamp Crushing and Disposal Machines;

In recycling plants for the safe breaking and disposal of used fluorescent lamps. In large companies and industrial plants, for the disposal of end-of-life fluorescent lamps without harming the environment. In public institutions, for the processing of used fluorescent lamps collected by municipalities and other public institutions. Used in waste management companies, by companies providing hazardous waste management services.

Fluorescent lamp crushing and disposal machines have a critical importance for the environment and human health. With advantages such as high safety, environmental protection, ease of use and economic efficiency, these machines ensure the safe disposal of fluorescent lamps. As MT Makina, we are pleased to offer fluorescent lamp crushing and disposal machine solutions suitable for your needs.

OPTIONAL FEATURES

- Production in Different Capacities
- Different Types of Feed Hopper



FREQUENTLY ASKED QUESTIONS (FAQ)

WHAT DOES FLUORESCENT LAMP BREAKING AND DISPOSAL MACHINE DO?

Fluorescent lamp breaking and disposal machine is a device that safely breaks used fluorescent lamps and separates and disposes of hazardous substances inside. These machines ensure that the lamps are broken and the mercury inside is controlled.

HOW DO FLUORESCENT LAMP CRUSHING AND DISPOSAL MACHINES WORK?

Fluorescent lamp crushing and disposal machines take fluorescent lamps into the feeding chamber and break them into small pieces with a powerful crushing mechanism. Mercury vapours and other hazardous substances in the broken lamps are separated through special filtering systems and collected and disposed of safely.

IN WHICH SECTORS ARE FLUORESCENT LAMP CRUSHING AND DISPOSAL MACHINES USED?

Recycling plants, large companies and industrial plants, public institutions, waste management companies.

WHICH MATERIALS CAN FLUORESCENT LAMP CRUSHING AND DISPOSAL MACHINES PROCESS?

Fluorescent lamp crushing and disposal machines can process all types of fluorescent lamps. These include compact fluorescent lamps (CFLs), linear fluorescent tubes and other fluorescent lamp types.

HOW MUCH ENERGY DO FLUORESCENT LAMP CRUSHING AND DISPOSAL MACHINES CONSUME?

The energy consumption of fluorescent lamp crushing and disposal machines varies depending on the power of the motor used and the operating time of the machine. Generally, operating costs are optimised by using motors with high energy efficiency.

WHAT IS THE LIFETIME OF FLUORESCENT LAMP CRUSHING AND DISPOSAL MACHINES?

The life of fluorescent lamp crushing and disposal machines varies depending on the conditions of use and regular maintenance. Machines made of durable materials and regularly maintained can operate smoothly for many years.

HOW OFTEN DO FLUORESCENT LAMP CRUSHING AND DISPOSAL MACHINES REQUIRE MAINTENANCE?

The maintenance frequency of fluorescent lamp crushing and disposal machines varies depending on the intensity of use and operating conditions. Generally, cleaning, filter replacement and maintenance of mechanical parts should be carried out regularly. These maintenance ensures efficient and trouble-free operation of the machine.