



*"High Efficiency with Liquid Separation in Glass Bottles, with MT Makina!"*

## Innovation in Waste Management with Liquid Separation Glass Bottle Crushing Machines;

Today, waste management and recycling are of great importance for environmental sustainability. Especially glass bottles are waste types that require special attention in the recycling process. MT Makina offers innovative and effective solutions in waste management with its liquid separated glass bottle crushing machines developed to meet this need.

Glass bottle crushers with liquid separation stand out with their user-friendly design. After the glass bottles are placed in the machine, the liquids inside are safely separated and the glass bottles are shattered. The separated liquids and broken glass fragments are collected in separate compartments and disposed of. This process is carried out without harming the environment and with minimal noise.

## Advantages of Glass Bottle Crushing Machine;

MT Makina's liquid-separated glass bottle crushing machines effectively manage glass bottle waste, while safely separating the liquids contained in them and ensuring that they are disposed of without harming the environment. These machines offer an ideal solution especially for businesses such as bars, restaurants, hotels, catering establishments and alcohol producers. Liquid-separated glass bottle crushing machines separate the liquids in glass bottles and ensure that they are disposed of without harming the environment. This minimizes the environmental impact of the waste management process. By greatly reducing the volume of glass bottle waste, these machines provide significant savings in storage and disposal costs. Businesses can reduce empty glass bottle collection costs by 80%. MT Makina's glass bottle crushers are designed for high capacity and continuous operation. These machines can handle glass bottles of various sizes up to three liters and safely collect the broken glass fragments in a closed compartment. For models used in the office, noise levels have been optimized. This ensures efficient waste management without disturbing the working environment.



### ***Liquid Separation Design***

After shattering the liquid-filled glasses, it drains the liquid into a separate reservoir.

### ***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.

### ***Adjustable Sieve System***

The screen system can be adjusted to the desired shred size, which provides flexibility for different materials and applications.

### ***Ease of Use***

Thanks to its user-friendly design, the machine is very easy to operate and maintain. It facilitates the work of operators with fast drum change and easy cleaning features.

### ***Robust and Durable Structure***

Thanks to their robust construction and durable materials, glass bottle crushers are long-lasting and require low maintenance costs. They are manufactured using durable materials such as Hardox steel and stainless steel.

### ***Safety Features***

The machines are equipped with various safety features to ensure operator safety. Safety measures include emergency stop buttons, protective covers and sensors.

### ***Environmentally Friendly Technology***

Glass bottle crushing machines minimize environmental impacts in the waste management process. It offers an environmentally friendly solution with its liquid separation and low energy consumption features.

## **Technical Specifications**

MODEL	SHREDDING AREA (MM)	ENGINE POWER (KW)
TK-200 SINGLE CRUSHER	200 X 200	1,5-2,2
CK-400 MULTI BREAKER	400 X 400	3-5,5
SA-400 LIQUID SEPARATION	400 X 400	3-5,5

# Glass Bottle Shredder

## Performance and Efficiency

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# Glass Bottle Shredder Usage Areas;

Glass bottle crushing machines with liquid separation have a wide range of uses. Bars, clubs, restaurants, hotels and catering establishments, as well as alcohol producers, producers of products with glass bottles and customs agencies can benefit from the advantages of these machines. These machines effectively manage the annoying glass waste that takes up wheelie bin space and facilitate the recycling process.

MT Makina plays a pioneering role in waste management and recycling with its liquid separated glass bottle crushing machines. It offers both economic and ecological advantages to businesses with its environmentally friendly technologies and innovative solutions. Glass bottle crushing machines make significant contributions to environmental sustainability by increasing efficiency in waste management. With the aim of leaving a cleaner and greener world to the future, glass bottle crushers with liquid separation open the doors to a new era in waste management.

## **OPTIONAL FEATURES**

- Automatic Lubrication Unit
- Sieves in Different Sizes
- Hydraulic Opening Hopper System
- Exit Screw or Conveyor Applications
- Under Counter Design



# FREQUENTLY ASKED QUESTIONS (FAQ)

## **WHICH MATERIALS CAN THE GLASS BOTTLE CRUSHER WORK WITH?**

The glass bottle crushing machine can work with glass bottles of various sizes. It effectively crushes bottles up to three liters and separates liquids.

## **WHAT ARE THE SAFETY PRECAUTIONS WHEN OPERATING MACHINERY?**

The machine is equipped with various safety features to ensure operator safety. Safety measures include emergency stop buttons, protective covers and sensors.

## **WHAT IS THE INSTALLATION TIME OF THE GLASS BOTTLE CRUSHER?**

Installation time may vary depending on the model of the machine and the characteristics of the plant. Generally, installation and commissioning is completed in one day.

## **WHO CAN USE THE MACHINE?**

It is recommended that operators who will be using the machine read the operating manual and receive the necessary training. This ensures safe and efficient use of the machine.

## **HOW DOES LIQUID SEPARATION WORK?**

After the glass bottles placed in the machine are broken, the liquids inside are safely separated. The separated liquids and broken glass pieces are collected in separate compartments.

## **WHAT IS THE CAPACITY OF THE MACHINE?**

The capacity varies depending on the model of the machine and the operational requirements. They are usually designed for high capacity and continuous operation.

## **WHAT CLEANING AND MAINTENANCE PROCEDURES SHOULD BE APPLIED?**

The machine must be cleaned and maintained regularly. Periodic cleaning and controls specified in the user manual ensure long life and efficient operation of the machine.

## **HOW TO OBTAIN SPARE PARTS?**

MT Makina offers spare parts and maintenance services. Spare parts needed can be obtained directly from our company.

## **WHAT IS THE NOISE LEVEL OF THE MACHINE?**

In models designed for in-office use, the noise level is optimized. This ensures efficient waste management without disturbing the working environment.

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