

*"Separate Packaging Waste, Protect Nature"*

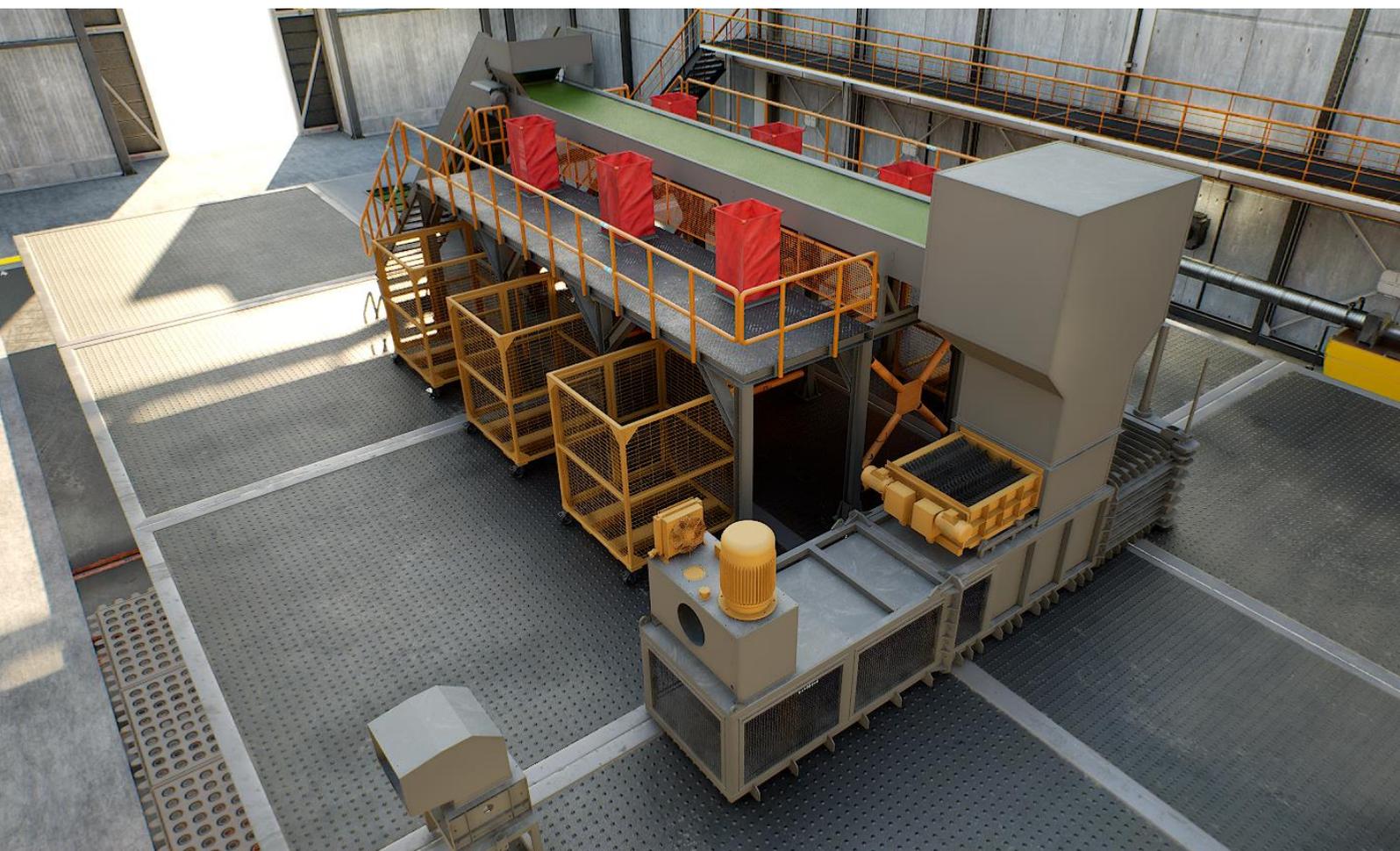
## Packaging Waste Collection and Sorting Facility, Sustainable Recycling Solutions;

Packaging waste is a major environmental problem in modern consumer societies. Efficient collection, sorting and recycling of this waste is essential to ensure environmental sustainability. Our packaging waste collection and sorting facility is at the heart of this process, optimizing recycling processes and contributing to the protection of natural resources. Our packaging waste collection and sorting facilities are facilities where packaging waste from households, workplaces and other sources is collected, sorted by type and made ready for recycling. These facilities ensure efficient separation of various packaging materials such as plastic, paper, metal and glass.

The packaging waste collection and sorting facility operates through a process consisting of several basic stages; Packaging waste is collected from households, workplaces and other sources. The collected waste is transported to the facility by collection vehicles. The wastes are sorted by type using manual and mechanical methods. The sorted wastes are compressed into bales and made ready to be sent to the recycling facility. It is temporarily stored until it is sent to the recycling facility.

## Advantages of Packaging Waste Collection and Sorting Facilities;

Materials such as paper, plastic, metal and wood are effectively separated. The correct separation of waste fractions greatly increases the recycling rate. Recycled materials can be used in the production of new products, thus contributing to the conservation of natural resources. The sale of recycled materials generates economic income. Modular plants that can be modified to adapt to high workloads. The entire line can be customized according to customer requirements.



### ***Versatility***

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

### ***Increasing the Recycling Rate***

Proper separation of waste fractions greatly increases the recycling rate.

### ***Protection of Natural Resources***

Recycled materials can be used in the production of new products, thus contributing to the conservation of natural resources.

### ***Economic Benefits***

The sale of recycled materials generates economic income.

### ***Modular Plants***

Modular plants that can be modified to adapt to high workloads.

### ***Customization According to Customer Requirements***

The whole line can be customized according to customer requirements.

### ***Durable and Reliable***

Robust and durable structures designed for continuous operation.

### ***Separation of Various Materials***

Materials such as paper, plastic, metal and wood are efficiently separated.

## **Technical Specifications**

<b>MODEL</b>	<b>CAPACITY (T/G)</b>	<b>BALE PRESS</b>
<b>PACKAGING WASTE COLLECTION AND SORTING FACILITY</b>	<b>5</b>	<b>+</b>
<b>PACKAGING WASTE COLLECTION AND SORTING FACILITY</b>	<b>10</b>	<b>+</b>



# Packaging Waste Collection and Sorting Plant Performance and Efficiency;

## ***Increasing the Recycling Rate***

Proper separation of waste fractions greatly increases the recycling rate.

## ***Protection of Natural Resources***

Recycled materials can be used in the production of new products, thus contributing to the conservation of natural resources.

## ***Economic Benefits***

The sale of recycled materials generates economic income.

## ***Modular Plants***

Modular plants that can be modified to adapt to high workloads.



# Packaging Waste Collection and Sorting Plant Usage Areas;

Public institutions such as municipalities, local governments and penal institutions benefit from these facilities for the effective management of packaging waste. Industrial plants, factories and large commercial organizations recycle packaging waste generated in their production processes through these facilities. Large retail chains and logistics centers use these facilities to manage packaging waste sustainably.

## OPTIONAL FEATURES

- Magnetic Separator
- Ballistic Separator
- Optical Separator
- Production in Different Capacities
- Automatic Baler Press
- Closed Sorting Room
- Dust and Odor Control System
- Air Conditioning System



# FREQUENTLY ASKED QUESTIONS (FAQ)

## **WHAT IS A PACKAGING WASTE COLLECTION AND SORTING FACILITY?**

Packaging waste collection and sorting facilities are facilities where packaging waste from households, workplaces and other sources is collected, sorted by type and made ready for recycling. These facilities ensure efficient separation of various packaging materials such as plastic, paper, metal and glass.

## **WHAT IS THE WORKING PRINCIPLE OF THE PLANT?**

Our packaging waste collection and sorting facility operates through a process consisting of several stages. Wastes are collected from their sources. Collected wastes are transported to the facility. Wastes are sorted according to their types by manual and mechanical methods. The sorted wastes are compressed into bales. It is temporarily stored until it is sent to the recycling facility.

## **WHAT TYPES OF PACKAGING WASTE ARE ACCEPTED?**

Plastic (PET, HDPE, PVC, LDPE, PP, PS), Paper and cardboard, Metal (aluminum, steel), Glass (transparent, green, brown)

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

Plant capacity varies depending on the amount of waste to be processed and the characteristics of the equipment selected. Capacity can range from a few tons to hundreds of tons per day.

## **WHAT EQUIPMENT IS USED IN A PACKAGING WASTE COLLECTION AND SORTING FACILITY?**

Conveyor belts for waste transportation and conveying to sorting lines. Magnetic separators for the separation of metal waste. Optical sorters for automatic separation of different materials such as plastic and paper. Bale press machines for compressing the sorted materials into bales. Glass bottle crushing machine for crushing and shrinking glass waste.

## **WHAT ARE THE ADVANTAGES OF THE FACILITY?**

Recycling waste contributes to the conservation of natural resources. The sale of recycled materials generates economic income. Provides operational efficiency with high capacity sorting and baling systems. Customizable according to different waste types and quantities.

## **WHAT ARE THE MAINTENANCE REQUIREMENTS OF THE FACILITY?**

Regular maintenance of the plant ensures the long life and efficient operation of the equipment. This includes cleaning conveyor belts, lubricating presses and balers, checking magnetic and optical separators.

### **HOW LONG DOES IT TAKE TO SET UP THE FACILITY?**

The installation of the plant varies depending on the size and capacity of the plant and local conditions. The installation time usually ranges from a few months to a year.

### **ARE TRAINING AND COUNSELING SERVICES PROVIDED?**

Yes, as MT Makina, we offer the necessary training and consultancy services for the installation and operation of the plant. These services ensure that the personnel can operate the plant effectively and safely.

### **HOW TO ORDER A PACKAGING WASTE COLLECTION AND SORTING FACILITY?**

By contacting MT Makina, you can get information about packaging waste collection and sorting plant solutions suitable for your needs and place an order. We offer customized solutions according to customer demands.