



## *"Less Volume, More Savings: MT Makina Horizontal Bale Press"*

### Horizontal Bale Press, Efficiency and Sustainability in Recycling;

Our horizontal bale presses are high-tech products that play an important role in recycling and waste management. Our presses compress large amounts of waste material under high pressure into compact bales. This process optimizes waste management processes and reduces storage and transportation costs. Used for baling various materials such as paper, PET bottles, nylon, plastic, wood, sacks, tin, fiber and textile waste, horizontal bale presses offer ideal solutions for sustainable waste management and recycling.

# Advantages of Fully Automatic Horizontal Baler Press;

Our horizontal bale press can compact a wide range of waste material with a compression force ranging from 6 tons to 200 tons. It enables efficient processing of large quantities of waste material and offers significant savings in storage space. Fully automatic, semi-automatic and manual options offer flexibility according to user needs. This diversity provides solutions for different workloads and operational requirements. Our fully automatic models increase operational efficiency by reducing labor costs. Semi-automatic and manual models offer economical solutions for smaller businesses. Compressed bales reduce storage and transportation costs as they take up less space. Compact bales allow more material to be transported during transportation, resulting in significant cost savings in logistics processes.





### ***High Capacity***

The capacity to process large amounts of waste material increases efficiency in recycling plants.

### ***Space Saving***

Compressed bales save considerable space in storage and transportation.

### ***Labor Savings***

With advanced gas cleaning systems, emissions are kept to a minimum and the environment is not harmed.

### ***High Efficiency***

Fully automated operation reduces labor costs and increases operational efficiency.

### ***Saving Freight Costs***

Smaller bale sizes reduce handling volume and lower transportation costs.

### ***Fast Return on Investment***

High-pressure baling increases profits from recycling and ensures a quick return on investment.

### ***Continuous Operation***

Continuous baling and extraction features ensure operational continuity.

### ***Automatic Lashing System***

It automates the bale tying process, saving time and labor.

### ***Conveyor and Air Cyclone Feeding***

Provides continuous and regular material flow.

### ***Bale Weight***

Bale weight options from 250 kg to 2000 kg are available.

## **Technical Specifications**

<b>MODEL</b>	<b>PRESS POWER (T)</b>	<b>BALE SIZE (MM)</b>	<b>BALE WEIGHT (KG)</b>
<b>YB-60</b>	<b>60</b>	<b>750 X 750</b>	<b>300-500</b>
<b>YB-90</b>	<b>90</b>	<b>1100 X 800</b>	<b>600-900</b>
<b>YB-120</b>	<b>120</b>	<b>1200 X 1100</b>	<b>800-1200</b>
<b>YB-150</b>	<b>150</b>	<b>1200 X 1100</b>	<b>1000-1400</b>
<b>YB-200</b>	<b>200</b>	<b>1200 X 1100</b>	<b>1000-2000</b>



# Horizontal Bale Press

## Performance and Efficiency

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## Horizontal Bale Press Application Areas;

Our horizontal bale press is ideal for compaction and baling of paper, plastic, textile and metal waste in recycling plants. It facilitates the storage and transportation of materials. In production and industrial plants, production residues and packaging waste are processed with horizontal bale press machines, ensuring efficient waste management. Retail stores and distribution centers optimize storage space and reduce logistics costs by baling waste such as cardboard boxes and plastic packaging materials. Companies offering professional waste management services use horizontal bale presses to efficiently collect, compact and transport their customers' waste.

Our horizontal bale press is an indispensable tool in modern recycling and waste management processes. Offering high efficiency, cost savings and environmental benefits, the horizontal bale press machine helps businesses manage their waste more effectively. For those operating in the recycling sector, horizontal bale press machines are an important investment that increases operational efficiency and facilitates achieving sustainability goals. Our presses make significant economic and environmental contributions and make recycling processes more efficient.

## OPTIONAL FEATURES

- Conveyor Feeding
- Manual Feeding
- Air Cyclone Feeding
- Manual Wire Binding
- Different Bale Sizes
- Production in Different Capacities
- Extra Safety Features



## FREQUENTLY ASKED QUESTIONS (FAQ)

### WHAT IS A HORIZONTAL BALE PRESS?

A horizontal bale press is a machine that compresses waste materials under high pressure into compact bales. These presses are particularly used to facilitate the recycling of large volumes of waste.

### WHAT MATERIALS CAN A HORIZONTAL BALE PRESS BALE?

Horizontal balers can bale a variety of waste materials such as waste paper and cardboard, plastic bottles and packaging materials, metal cans and aluminum, automobile tires, nylon and sacks.



## **HOW DOES A HORIZONTAL BALE PRESS WORK?**

Waste materials are loaded manually or automatically into the feed port. Hydraulic pistons compress the materials under high pressure. The compressed bales are tied automatically or manually. The tied bales are automatically removed from the press chamber and made ready for storage or transportation.

## **WHAT IS THE DIFFERENCE BETWEEN A HORIZONTAL BALE PRESS AND A VERTICAL BALE PRESS?**

A horizontal bale press compresses materials in a horizontal direction, while a vertical bale press compresses materials in a vertical direction. Horizontal bale presses are generally designed for higher capacity and continuous operation, so are more suitable for large recycling plants and industrial applications. Vertical bale presses are ideal for smaller volumes of waste and low capacity applications.

## **HOW MUCH POWER IS REQUIRED FOR A HORIZONTAL BALE PRESS?**

The power of horizontal balers varies depending on the model and capacity. Engine capacities generally range from 15 kW to 180 kW.

## **WHAT SIZE BALES CAN A HORIZONTAL BALE PRESS PRODUCE?**

Horizontal bale presses can be customized according to customer requirements. Bale sizes usually range from 750 x 750 mm up to 1200 x 1130 mm.

## **WHAT IS THE CAPACITY OF THE HORIZONTAL BALE PRESS?**

The capacity of horizontal bale presses varies depending on the type and density of the material. For materials such as cardboard, mixed waste and newspapers, the capacity can range from 1 to 42 tons/hour.

## **IN WHICH SECTOR IS HORIZONTAL BALE PRESS USED?**

Horizontal bale presses are used in a wide range of industries such as Recycling plants, Paper and cardboard industry, Plastic and metal recycling, Logistics and warehousing, Automobile and tire recycling.

## **WHAT ARE THE ADVANTAGES OF HORIZONTAL BALE PRESS?**

Reduces the site footprint of bulky waste materials. Meets high processing demands with continuous operation capacity. Reduces storage and transportation costs. Fully

automated operation reduces labor costs and increases operational efficiency. Environmentally friendly with energy efficiency and low noise level.

### **HOW TO MAINTAIN A HORIZONTAL BALE PRESS?**

Regular maintenance of horizontal baler presses ensures efficient and safe operation of the machine. It includes inspection and maintenance of hydraulic systems, regular cleaning and lubrication of cutting blades and pistons, periodic checks of electrical and control systems, regular inspection of moving parts for wear and tear.

### **WHAT TO CONSIDER WHEN BUYING A HORIZONTAL BALE PRESS?**

When purchasing a horizontal bale press, features such as whether it has sufficient capacity to meet the needs of your business, the robustness and longevity of the machine, the availability of features such as automatic attachment and removal, the energy consumption and environmentally friendly features of the machine, after-sales support and spare parts supply should be taken into consideration.

### **WHAT ADVANTAGES CAN I GET WITH A HORIZONTAL BALE PRESS?**

Significant savings in storage and transportation costs. Reduces environmental impact by facilitating waste recycling. Optimizes your business's recycling and waste management processes.