



## *"Easy Operation, Effective Compaction: MT Makina Vertical Baler Press"*

### DB-Series Vertical Baler Press, Innovative Solutions in Waste Management;

Waste management in the industrial and commercial sectors is essential for businesses to control costs and fulfill their environmental responsibilities. Our vertical bale presses offer innovative solutions that reduce waste volumes, lower storage and transportation costs and facilitate recycling processes. A vertical bale press is a machine that compresses various waste materials into compact bales. By compressing paper, cardboard, nylon, plastic and many other materials, it makes the storage and transportation processes of these materials more efficient. Thanks to its vertical structure, it can be used effectively even in businesses with limited space.



Our vertical bale presses work with hydraulic systems. The waste materials are placed into the machine through the wide feed opening and compressed into bales under high pressure by a powerful hydraulic press system. This process significantly reduces the volume of waste, reducing transportation and storage costs.

## Advantages of DB-Series Vertical Baler Press;

With their high compaction capacity, our vertical bale presses reduce waste volume by up to 90%, resulting in significant savings in storage and transportation costs. Fast compaction cycles allow large quantities of waste to be baled in a short time. Thanks to the wide feed opening and gripper tabs, feeding and compaction of waste materials into the machine is easy and fast. Its ergonomic design increases productivity by reducing the workload of users. The vertical bale press machine is equipped with various safety features to maximize user safety. It provides a safe and controlled operation with PLC controlled or manual valve options. Manufactured from high quality materials, it guarantees the durability and longevity of the machine. It can compress paper, cardboard, nylon, plastic and other recyclable materials. The ability to produce bales of different capacities and sizes provides flexibility in meeting the needs of various industries. Our modern vertical bale press machine is designed with energy efficiency in mind. It offers environmentally friendly operation with low energy consumption and low noise level.



### ***High Efficiency***

With its high compaction capacity, the vertical bale press machine reduces waste volume by up to 90%, resulting in significant savings in storage and transportation costs.

### ***Ergonomic Design***

Thanks to the wide feed opening and retaining tabs, feeding and compacting of waste material into the machine is easy and quick.

### ***Safety and Durability***

Vertical bale presses are equipped with various safety features to maximize user safety.

### ***Energy Efficiency and Low Noise***

Modern vertical bale presses are designed with energy efficiency in mind.

### ***Ease of Storage and Transportation***

Compact bales save considerable space during transportation and storage.

### ***Versatility***

The straw press machine can bale not only straw but also grass, alfalfa and other vegetable materials.

### ***Extra Safety Features***

Additional safety features such as extra safety covers, sensors and emergency systems.

### ***Continuous Operation***

Continuous compression features ensure operational continuity.

### ***Solid Structure***

Our vertical bale presses are manufactured with high quality components. Their durable construction ensures long-lasting use and their heavy-duty design withstands harsh working conditions.

### ***Easy Maintenance***

It provides long-term and uninterrupted operation with low maintenance requirements. Maintenance operations such as hydraulic oil change, lubrication of mechanical parts and general cleaning can be done easily.



## Technical Specifications

MODEL	PRESS POWER (T)	BALES (MM)	WEIGHT (KG)	MOTOR (KW)
DB-5	5	600 X 435 X 560	40-45	1,5
DB-10	10	735 X 700 X 500	60-75	2,2
DB-15	15	850 X 900 X 800	90-100	2,2
DB-20	20	1000 X 975 X 800	130-150	3
DB-50	50	1200 X 1500 X 1100	250-300	11
DB-120	120	1200 X 1100 X 1100	800-1200	75



## Vertical Baler Press Performance and Efficiency;

### **High Efficiency**

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### ***Ergonomic Design***

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### ***Safety and Durability***

Vertical bale presses are equipped with various safety features to maximize user safety.

### ***Energy Efficiency and Low Noise***

Modern vertical bale presses are designed with energy efficiency in mind.





# Vertical Baler Press Usage Areas;

Vertical bale presses are ideal for baling high volumes of recyclable materials in recycling plants. Efficient compaction of paper, cardboard, plastics and other materials facilitates recycling processes. It is used in large factories for compaction and storage of waste generated during production processes. The vertical bale press machine offers an efficient waste management solution for factories that produce large amounts of waste. It is used in sorting facilities to separate mixed waste into bales. This process reduces waste management and recycling costs. It is an ideal solution for waste management in supermarkets, logistics companies and large storage areas. The vertical bale press machine facilitates the storage and transportation of waste materials.

## **OPTIONAL FEATURES**

- PLC Control System
- Remote Control
- Double Piston Compression System
- Cycle Time Monitoring
- Mobile Unit Options
- Safety Cage and Light Curtains



# FREQUENTLY ASKED QUESTIONS (FAQ)

## **WHAT IS A VERTICAL BALE PRESS?**

A vertical bale press machine is a machine that compresses various waste materials into compact bales. These bales make storage and transportation processes more efficient. Thanks to its vertical structure, it can be used effectively even in businesses with limited space.

## **WHAT MATERIALS CAN THE VERTICAL BALE PRESS PROCESS?**

Our vertical bale presses can compress and bale paper, cardboard, nylon, plastic, textiles and many other recyclable materials. These machines are capable of processing different types of waste.

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

Our vertical bale press machines work with hydraulic systems. The waste materials are placed into the machine through the wide feed opening and compressed into bales under high pressure with a powerful hydraulic press system.

## **IN WHICH SECTORS ARE VERTICAL BALE PRESSES USED?**

In recycling plants, baling high volumes of recyclable materials. Compaction and storage of waste generated in production processes in large factories. Sorting and baling of mixed waste in garbage sorting lines. Waste management in supermarkets, logistics companies and large landfills.

## **HOW TO MAINTAIN VERTICAL BALE PRESSES?**

The vertical bale press machine must be regularly maintained. Hydraulic oil change, lubrication of mechanical parts, control of electrical systems and general cleaning should be done regularly. Maintenance operations ensure long life and efficient operation of the machine.

## **ARE VERTICAL BALE PRESSES ENERGY EFFICIENT?**

Yes, our modern vertical balers are designed with energy efficiency in mind. Energy efficiency modes and automatic shutdown features optimize energy consumption and reduce operating costs.

### **WHAT IS THE NOISE LEVEL OF VERTICAL BALE PRESSES?**

The noise level of our vertical balers can vary depending on the model, but they are generally designed to operate at a low noise level. In general, they operate at 72-74 dB noise level.

### **HOW ARE THE PRICES OF VERTICAL BALE PRESSES DETERMINED?**

The prices of our vertical bale presses are determined by model, capacity, optional features and customer demands. Pricing is done in order to offer the most suitable solution for the specific needs of your business.

### **CAN VERTICAL BALE PRESSES BE TRANSPORTED?**

Optionally, some of our vertical bale press models can be equipped with portable systems. Our portable vertical bale presses can be easily used in different areas and offer flexible use.

### **IS TRAINING REQUIRED FOR VERTICAL BALE PRESSES?**

Yes, training of operators is necessary for the correct and safe use of the vertical bale press machine. Training should be carried out in accordance with the machine's operating manual and should include information on safety procedures.

### **IN WHICH CAPACITIES ARE VERTICAL BALE PRESSES AVAILABLE?**

Our vertical bale presses are available in models with different capacities and features. For example, the DB-5 model offers 5 tons of press power, while other models can have 10 tons, 15 tons, 20 tons, 50 tons or 120 tons of press power.