



## *"Economic Solution in Scrap Metal: MT Makina Baler Press"*

### Scrap Metal Baler Press, Powerful and Efficient Solution in Recycling;

Our metal bale press has an important place in modern industrial production and recycling processes. The scrap metal press converts metal waste into compact bales by compressing them under high pressure, thus providing efficiency in waste management. Used in many sectors from recycling plants to the automotive industry, from construction to electronics production, metal bale presses offer great advantages both economically and environmentally.

With its high-pressure compaction capacity, the metal baler press can effectively process large amounts of metal waste. Our scrap presses offer a long service life thanks to their robust construction and high quality components. With compression

forces ranging from 60 tons to 300 tons, various bale sizes and speeds are possible. Easy processing of oversized metal waste thanks to the wide feed opening.

## Advantages of Metal Baler Press;

Our scrap metal baler presses can effectively process large amounts of metal waste with high pressure compaction capacity. Thanks to its fast and continuous working capacity, it provides high efficiency in production processes. High quality components and robust construction ensure a long service life. Blades made of high quality steel provide shredding for a long time. Compact bales save space in storage and transportation, which reduces transportation costs. Increases profits from recycling and ensures a quick return on investment. Simplifies the recycling process by converting metal waste into compact bales under high pressure. Provides sustainable solutions in waste management and reduces environmental impact. It can process various sizes and types of metal scrap and can be used in many sectors from automotive to construction. It can be used in many areas such as vehicle parts, structural steel components, electronic components, aerospace parts and white goods. Emergency stop buttons are available and can also be equipped with safety systems such as light curtains, safety covers and sensors. Easy to operate with a simple and user-friendly control panel. Provides uninterrupted operation with long maintenance intervals. Maintenance such as hydraulic oil change, lubrication of mechanical parts and general cleaning can be done easily. High precision processes produce consistent and high quality products.





### **Cost Savings**

Compressed metal bales reduce transportation and storage costs. Bales that take up less space also save costs in logistics processes.

### **Labor Savings**

Working at high pressure, it effectively compacts metal waste.

### **Powerful Hydraulic System**

Fully automated operation reduces labor costs and increases operational efficiency.

### **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.

### **Safety Features**

It is equipped with advanced safety systems such as emergency stop buttons, light curtains, safety covers and sensors.

### **Solid Structure**

Our metal 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)	BALE SIZE (MM)	BALE WEIGHT (KG)
MB-120	120	200 X 200	10-30
MB-150	150	300 X 300	80-100
MB-200	200	400 X 400	250-300



# Metal Baler Press Performance and Efficiency;

## ***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.

## ***Powerful Hydraulic System***

Working at high pressure, it effectively compacts metal waste.

## ***High Efficiency***

Fully automated operation reduces labor costs and increases operational efficiency.



# Scrap Metal Baler Press Designed for Continuous Operation;

In the automotive industry, production and shaping of vehicle parts. In the construction industry, compression of structural steel components and building materials. In the electronics industry, pressing metal components for electronic devices. In the aerospace industry, precision forming of aircraft parts and other aerospace components. In household appliances and white goods, pressing of various metal parts.

Our metal bale press machines are indispensable tools in modern industrial production and recycling processes. Offering high efficiency, durability and user safety, these machines make significant contributions to the efficient processing and recycling of metal waste. Metal bale presses, which have wide application areas in different sectors, offer sustainable waste management solutions by increasing the operational efficiency of businesses.

### **OPTIONAL FEATURES**

- PLC Control System
- Remote Control
- Double and Triple Compression System
- Variable Flow Piston Pump
- Cycle Time Monitoring
- Sound Insulation System
- Mobile Unit Options
- Safety Cage and Light Curtains

## **FREQUENTLY ASKED QUESTIONS (FAQ)**

### **WHAT IS A SCRAP METAL BALER PRESS?**

A scrap metal baler press is a machine that compresses metal waste under high pressure into compact bales. These machines are used in the recycling industry to reduce the volume of metal waste and reduce storage and transportation costs.

### **WHAT KIND OF METALS CAN SCRAP METAL BALER PRESSES BE USED FOR?**

Our Scrap Metal balers can process various types of metals, including steel, aluminum, copper, iron, stainless steel, zinc and other metal alloys.

### **HOW DOES A SCRAP METAL BALER PRESS WORK?**

Metal scrap materials are manually or mechanically loaded into the press chamber. Hydraulic pistons compress the metal scrap under high pressure into compact bales. The compacted bales are automatically or manually removed from the press chamber.

### **WHAT ARE THE ADVANTAGES OF SCRAP METAL BALER PRESSES?**

High compaction force and fast cycle times. Reduces storage and transportation costs. Facilitates recycling of metal waste. Robust and long-lasting design. Equipped with various safety features.



## **WHAT SHOULD I PAY ATTENTION TO WHEN BUYING A SCRAP METAL BALER PRESS?**

It should have the appropriate pressure force for the type of metal you will process. Energy-saving models should be preferred. It should have safety measures such as emergency stop buttons and sensors. It should have easily accessible parts that require minimum maintenance. After-sales support and spare parts supply.

## **WHAT IS THE LIFETIME OF SCRAP METAL BALER PRESSES?**

The lifetime of our Scrap Metal balers varies depending on the frequency of use, maintenance regimen and the type of metal being processed. With regular maintenance and proper use, the lifetime of our presses can often be 10-15 years or more.

## **HOW TO MAINTAIN SCRAP METAL BALER PRESSES?**

The hydraulic oil needs to be changed at regular intervals. Mechanical parts need to be lubricated regularly. Electrical components must be checked regularly. The press and its surroundings must be kept clean.

## **WHAT SAFETY FEATURES ARE FOUND IN SCRAP METAL BALER PRESSES?**

To stop the machine in case of emergency. Safety sensors to prevent unexpected accidents. Safety cage and light curtains to ensure operator safety.

## **IN WHICH INDUSTRIES ARE SCRAP METAL BALER PRESSES USED?**

Metal recycling plants, automotive industry, construction industry, electronics manufacturing, rolling mills and furnaces, general manufacturing and production units

## **DO SCRAP METAL BALING PRESSES PROVIDE ENERGY EFFICIENCY?**

Yes, our modern scrap Metal balers are equipped with features such as energy-saving systems and variable flow piston pumps, which saves costs by reducing energy consumption.

## **IS TRAINING REQUIRED FOR SCRAP METAL BALER PRESSES?**

Yes, it is important that operators receive proper training to learn the correct and safe use of presses. This is essential for the efficient use of the machine and to ensure a safe working environment.