

"No Breakdown, No Maintenance, Smooth Transportation with MT Makina"

Magnetic Conveyor, Superior Efficiency in Metal Handling and Separation;

Magnetic conveyors are highly efficient and durable conveying systems used in industrial sectors for the transportation and sorting of metal parts. These conveyors play a critical role in areas such as recycling, mining, waste management and manufacturing. Thanks to the effective use of strong magnetic force, metal parts are transported safely and efficiently, while optimizing work processes. A magnetic conveyor is a conveying system that uses a magnetic field to transport and separate metal parts. Powerful magnets placed under the conveyor belts attract the metal materials and carry out the transportation process. This system prevents metal materials from falling and getting lost during transportation and ensures efficient sorting.

Strong neodymium magnets or ceramic magnets can be used. Sheets made of durable and wear-resistant stainless steel materials are used. Conveyors can be customized according to the size and shape of the material to be transported. Conveyor speed can be adjusted according to the requirements of the production line. It can be operated using electric motors or hydraulic systems. Stainless steel sliding bearings increase wear resistance and ensure long-lasting performance.

Advantages of Magnetic Conveyor;

Provides safe and fast transportation of metal materials. Accelerates the production process and increases productivity. Low maintenance thanks to their robust construction and low moving parts. Provides long-lasting use and low operating costs. Prevents metal parts from falling and getting lost. Increases work safety and minimizes work accidents. Customizable to handle metal parts of different sizes and shapes. Adaptable to various industrial applications. Magnetic systems provide high productivity with low energy consumption. Reduces operating costs and reduces environmental impact.



Stainless Steel

Conveyor sheet is made of stainless steel.

Production in Different Sizes

Possibility to produce in very long lengths and widths according to your needs.

Speed Control

The magnetic conveyor speed can be adjusted to optimize conveying efficiency.

Closed or Open Design

Depending on the intended use and type of material, we have closed or open conveyor designs.

Continuous Operation

It allows you to work continuously without stopping due to jams, stops and various malfunctions like other conveyors.

Channel Type Design

Instead of using forklifts etc. inside your factory, transfer your metal parts out of the factory cleanly and smoothly through the channel under the floor.

Automatic Lubrication

Maintenance-free thanks to optional automatic lubrication.

Magnetic Pallet

Magnetic pallets, which transport metal parts along the conveyor, hold and transport metal parts with magnetic force.

Technical Specifications

MODEL	WIDTH (MM)	LENGTH (M)	ENGINE POWER
			(HP)
MK-30	300	3	1,5-2,2
MK-50	500	5	3-5,5
MK-70	700	7	5,5-7,5
MK-100	100	40	11-22



Magnetic Performance and Efficiency

Conveyor

Speed Control

The conveyor speed can be adjusted according to process requirements. This optimizes transport efficiency and shortens processing times.

Continuous Operation

The magnetic conveying system offers uninterrupted and smooth operation during the handling of metal parts. This ensures high efficiency in production processes.

Minimum Maintenance

Magnetic conveyors offer virtually maintenance-free operation thanks to the absence of external moving parts and a closed system design. This minimizes maintenance costs and downtime.

Strong Magnets

The magnetic handling system, created using powerful magnets, transports metal parts safely and efficiently. Thanks to their highly effective magnetic force, these magnets can smoothly transport even the most challenging metal parts.



Usage Areas of Magnetic Conveyors;

Recycling plants, separation and transportation of metal and non-metal materials. Mining industry, transportation of minerals and separation of metal ores. Automotive industry, transportation of automobile parts on the production line. Waste management, separation and recycling of waste materials. In manufacturing plants, transportation and separation of metal parts in production processes.

Magnetic conveyors offer efficient and reliable solutions for conveying and sorting metal parts. With advantages such as high efficiency, low maintenance cost, flexibility and safety, magnetic conveyors have a wide range of applications in various industries such as recycling, mining, automotive and waste management. As MT Makina, we are pleased to offer magnetic conveyor solutions to suit your needs.

OPTIONAL FEATURES

- Hydromotor Drive System
- Automatic Bearing Lubrication Unit
- Automatic Chain Lubrication Unit
- Sliding Bed
- Production in Different Sizes



WHAT IS A MAGNETIC CONVEYOR?

A magnetic conveyor is a conveying system that uses a magnetic field to attract and transport metal parts. Powerful magnets placed under the conveyor belts attract metal materials and carry out the transportation process. This system prevents metal materials from falling and getting lost during transportation and ensures efficient sorting.

HOW DOES A MAGNETIC CONVEYOR WORK?

Magnetic conveyors attract and transport metal parts with the help of powerful magnets placed under the conveyor belts. The magnets hold the metal materials along the conveyor and carry out the transportation process. This ensures safe and efficient transportation of metal materials.

IN WHICH SECTORS ARE MAGNETIC CONVEYORS USED?

Recycling plants, mining industry, automotive industry, waste management, manufacturing plants

WHAT IS THE CAPACITY OF MAGNETIC CONVEYORS?

The capacity of magnetic conveyors varies depending on the size and weight of the material to be transported and the design of the conveyor. Conveyors can transport materials of various sizes, from small metal pieces to large metal sheets.

HOW TO MAINTAIN MAGNETIC CONVEYORS?

Regular cleaning, wear control, magnet strength control, motor and gear maintenance are very important for the long life of the machine.

WHICH TYPES OF MAGNETS ARE USED IN MAGNETIC CONVEYORS?

Neodymium magnets or ceramic magnets are generally used in magnetic conveyors. Neodymium magnets provide a stronger magnetic field and are effective in transporting heavy loads. Ceramic magnets are suitable for lighter applications.

WHAT IS THE ENERGY CONSUMPTION OF MAGNETIC CONVEYORS?

Magnetic conveyors provide high efficiency with low energy consumption. Magnetic systems save energy and reduce operating costs in the transportation of metal parts.

CAN MAGNETIC CONVEYORS BE CUSTOMIZED?

Yes, magnetic conveyors can be customized to transport metal parts of different sizes and shapes. The size of the conveyor belts, the strength of the magnetic field and other components can be adjusted according to the customer's requirements.

WHAT ARE THE SAFETY FEATURES OF MAGNETIC CONVEYORS?

Magnetic conveyors increase work safety by preventing metal parts from falling and getting lost. In addition, the absence of external moving parts minimizes work accidents and malfunctions. Since all moving parts are closed, the safety of the operators is ensured.

WHAT MATERIALS CAN MAGNETIC CONVEYORS TRANSPORT?

Magnetic conveyors can be used to transport various metal parts. These materials include steel, iron and other metals with magnetic properties.

WHAT IS THE SERVICE LIFE OF MAGNETIC CONVEYORS?

Magnetic conveyors have a long service life thanks to their durable construction and high-quality components. With regular maintenance and proper use, magnetic conveyors can operate reliably for years.