



"Uninterrupted Screening with Diesel Engine and Generator Power"

Mobile Screener, Versatile and Portable Screening Solutions;

Mobile screens are portable screening systems designed for a variety of waste management and recycling applications. Combining high production rates with flexibility and ease of use, these machines provide efficient separation of construction and demolition waste as well as soil, compost and other recycling materials. Mobile screens are portable screening machines used on site to separate materials according to size. These machines can be mounted on tire or tracked chassis, easily transported to different sites and equipped with various screening technologies. Mobile screens with different screening technologies such as drum screens attract attention with their robust structures and user-friendly designs.

Mobile screens enable the processing of various materials with a choice of drums in different lengths and diameters. The large feed opening and steep-sided drum hopper prevents material spillage and bridging. The hydraulic sliding feeder makes drum changeover quick and easy. Provides multiple product outputs such as fine soil below the screen and residues above the screen. It can be powered by diesel engine or electric generator and offers high performance with its hydromotorized drive system. As MT Makina, we are proud to offer flexible and efficient options for a wide range of uses with the mobile screen solutions we offer in this field.

Advantages of Mobile Rotary Drum Sieve;

Mobile drum screens can be easily transported on site and used in different locations. They provide operational flexibility and reduce transportation costs. It performs fast and effective screening operations. Accelerates work processes and increases productivity. Offers user-friendly designs with hydraulic sliding feeder and fast drum change. Saves time and labor. Manufactured with robust components and durable materials. Requires long life usage and low maintenance costs. Minimizes environmental impact with energy efficiency and low noise level. Offers environmentally friendly solutions.



Replaceable Sieve

Easy replaceable sieves.

Sieve Material

Screen production in Hardox, stainless steel or other materials.

Speed Control

The rotational speed of the drum can be adjusted to optimize screening efficiency.

Closed or Open Body

Closed or open body designs are available depending on the intended use and material type.

Materials Separated by Size

Materials of different sizes are separated by exiting from different sections of the drum.

Productivity

High screening efficiency thanks to the rotating drum and adjustable rotation speed.

Cylindrical Design

The mobile trommel gyratory screen is shaped like a cylindrical drum and is inclined at a certain angle.

Screening Pores

The surface of the drum is covered with holes of various diameters that allow the separation of materials according to their size.

Mobile Design

In our mobile design model, they can be easily used in different locations thanks to their structure.

Technical Specifications

MODEL	ELEK DIAMETER (MM)	ELEK SIZE (M)	ENGINE POWER (HP)
MTE-1040	Ø 1000	4	50-110
MTE-1550	Ø 1500	5	60-130
MTE-1770	Ø 1700	7	70-150
MTE-2080	Ø 2000	8	80-160



Mobile Trommel Screen

Performance and Efficiency;

Speed Control

The rotational speed of the drum can be adjusted to optimize screening efficiency.

Closed or Open Body

Closed or open body designs are available depending on the intended use and material type.

Materials Separated by Size

Materials of different sizes are separated by exiting from different parts of the drum.

Productivity

High screening efficiency thanks to the rotating drum and adjustable rotation speed.



Usage Areas of Mobile Tromel Screens;

In recycling plants, on-site sorting of recyclable materials such as plastic, glass, metal and paper. In construction and demolition projects, on-site sorting of construction and demolition waste and classification of recyclable materials. In mining and mineral processing, on-site sorting of materials by size in mining and mineral processing. In agriculture and horticulture, separation and processing of soil, compost and other organic materials. In municipal solid waste management, on-site sorting of household waste and recovery of recyclable materials.

OPTIONAL FEATURES

- Dual Motor Design
- Hydromotor Drive System
- Automatic Lubrication Unit
- Sieves in Different Sizes
- On Vehicle Design
- Diesel Engine or Generator
- Wheeled or Tracked
- Hydraulic Screen Lifting System



FREQUENTLY ASKED QUESTIONS (FAQ)

WHAT IS A MOBILE SIEVE?

Mobile screener is a portable screening machine used in the field to separate materials according to their size. It is usually mounted on a tire or tracked chassis and can be easily transported to different sites. Mobile screens can be equipped with various screening technologies such as drum screens or vibrating screens.

HOW DOES A MOBILE SIEVE WORK?

Mobile screens separate the materials received from the hopper according to their size using a rotating drum or vibrating screen. Small pieces pass through the holes, while large pieces come out at the end of the drum or on top of the screen. This process ensures that materials are separated according to their size.

WHAT MATERIALS ARE MOBILE SIEVES USED TO SEPARATE?

It is used for soil, compost, plastic, paper, metal, glass, construction and demolition waste, mining and mineral materials.

WHAT IS THE CAPACITY OF MOBILE SCREENS?

The capacity of mobile screens varies depending on the amount of material to be processed and the size of the drum. They usually offer capacities ranging from a few tons to tens of tons per hour.

IN WHICH INDUSTRIES ARE MOBILE SCREENS USED?

Recycling Plants, Construction and Demolition Projects, Mining and Mineral Processing, Agriculture and Horticulture, Municipal Solid Waste Management

HOW TO MAINTAIN MOBILE SIEVES?

Regular cleaning, wear control, regular maintenance of the motor and gears ensure uninterrupted operation of the mobile screens and prevent unexpected breakdowns.

HOW TO ORDER A MOBILE SIEVE?

By contacting MT Makina, you can get information about mobile screen solutions suitable for your needs and place an order. We offer customized solutions according to customer demands.