

**DESCRIPTION**

The device is suitable for sorting heterogeneous agglomerating materials (such as heavily moistened soils) to separate larger pieces, particularly in the mining industry.

Shafts equipped with sorting elements shaped like ellipses, with adjustable thickness and spacing, are mounted on the supporting frame structure of the separator. The sorting shafts are driven by a bevel-drive unit through a chain and sprockets. The device includes a tensioning mechanism for the chain.

The device can be structurally modified to increase capacity (by adding more shafts). The supporting structure is designed for anchoring or suspension.

The offer includes design, production, delivery, assembly, and commissioning according to the basic parameters specified by the customer. The design of the device and its static calculation meet the specific requirements of the customer. All products undergo strict final inspections following the quality requirements of TRANSPORTA Technology s.r.o.

The surface treatment corresponds to the needs of the environment, the placement of the conveyor, and the type of transported material. The device is supplied in stainless steel or with a surface treatment suitable for the given environment.

**SORTING CAPACITY**

- 10-50 m<sup>3</sup>/h

**BASIC PARAMETERS**

- dimensions of ellipse: 180-300 mm
- module: 2400x2250x600 mm

**VARIATIONS AND OPTIONS**

- adjustment of number and spacing of shafts

**ACCESSORIES**

- loading - unloading - chute
- safety and control elements - rotational speed sensors, stop button

# TRANSPORTA

# TECHNOLOGY