



DESCRIPTION

The equipment is suitable for transport of loose materials – coal, biomass, crushed alternative fuels, gypsum, limestone, pellets, gravel sand, fertilizers, crushed municipal waste and others.

Sleepers fitted with rotational rollers are attached to the supporting arm structure and form the travel path for the rubber belt. The rubber belt is tensioned in the loop between the conveyor drums. The material is transported on this belt – the material is carried on the belt.

It is a basic type of the conveyor with a wide range of variants and applications. Thanks to the simple construction design and the principle of material transport, the conveyor has a long lifetime and the material can be transported over long distances at high transport capacity. The entire conveyor is designed as a modular kit with the use of standard components. The advantages are low operating and service costs.

The offer includes design, production, delivery, assembly and commissioning according to the basic parameters specified by the customer. The design of the equipment and its static calculation corresponds to the specific requirements of the customer.

All products are subject to strict output controls in accordance with the quality requirements of TRANSPORTA Technology L.t.d.

Surface design corresponds to the needs of the conveyor location environment and the type of transported material. The device is supplied in stainless steel or with surface treatment for the particular environment.

TRANSPORT PERFORMANCE

- 40 – 4 000 t/hod (up to approx. 4 000 m³)

BASIC PARAMETERS

- belt width: 400 – 2 000 mm
- belt speed up to 8 m/s
- length up to 2000 mm

VARIATIONS AND OPTIONS

- reverse design (bidirectional transport)
- gravitational, mechanical, electrical or hydraulic conveyor belt tensioning
- with a moveable hopper
- mobile design (moveable conveyor)
- position sensing
- placement on a surface, on a steel structure or self-supporting
- possible design for low operating temperatures (creeping drives)
- oil-resistant conveyor belts

ACCESSORIES

- wipers
- material weighing
- hopper – chute
- design with coverings to prevent dustiness and noise
- control and inspection openings magnetic and mechanical separators
- device including upper and lower self-aligning idler
- impact bed
- footbridges
- safety and control elements – cable stop, rotation sensors, belt misaligning sensors, stop buttons