

**DESCRIPTION**

The self-aligning idler provides the stability of the conveyor belt – it regulates possible belt misaligning and the belt is directed back to the center of the roller conveyor.

The idler is equipped with grooves for mounting rollers, a pin and bearings for aligning and arms for attaching the aligning rollers. Thanks to its geometry it responds to belt misaligning by setting itself to an inclined position to the belt axis, and friction on the inclined rollers returns the belt to its axis. The idler does not require any sensors or power supply to function. The advantage of self-aligning idlers is simple and unattended operation.

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 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.

BASIC PARAMETERS

- belt width: 400 – 2 000 mm
- idler diameter 89 – 159 mm

VARIATIONS AND OPTIONS

- design of upper or lower conveyor belt guide
- roller and disc design
- sliding or rolling bearing design

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