

TRAD conveyor system operates vertically, horizontally or diagonally, with variable speed according to the application.

Trepko have developed and produced conveyor systems over a period of several decades. This experience is demonstrated by the TRAD slat belt system which fulfils a wide range of functions in the food, technochemical and pharmaceutical industries.

The TRAD system is designed for high efficiency and durability, coupled with minimal maintenance, making it ideal for tough environments, and allows ready accessibility. TRAD is supplied in modules, consisting of drive units, straights, curves, elevations, legs and guide rails resulting in a very adaptable system.

## General technical description

### Conveyor length

The maximum length of each conveyor is determined by product weight and the number of curves. The following information may serve as guidance:

- conveyor 25 m
- conveyor with 90° wheel curve 20 m
- conveyor with 180° wheel curve 15 m
- conveyor with 90° slide curve 12 m
- conveyor with 180° slide curve 8 m

### Product

Width range	25-300 mm
Max. weight	20 kg
Total product weight per conveyor	150 kg

### Speed

Variable, approx. 2-45 m/minute

### Temperature

-20° C to + 60° C during continuous operation, up to + 100° C temporarily

### Miscellaneous

4-7° incline of conveyor depending on product. The chain can easily be raised for cleaning. In curves and on inclines, the chain is locked to the conveyor body by means of tabs.



## 750 series

TRAD conveyor system

**Trepko**

## BMH turning device

Product turner; turns packages 180° or to inclination of choice. Turns most bottles and cans, irrespective of form and material. Capable of handling high capacities at an even flow. Particularly suitable when emptying, cleaning, washing, cleaning with compressed air, drying or inspecting packages. Can be installed on existing conveyor belts. The turning device is made of HD polythene with stainless steel fasteners. Length: 320 mm



## Belt infeeder

Belt infeeders are used to create queue pressure or a controlled space between products. Can be supplied with fasteners or adjustable for mounting on a TRAD conveyor belt.

Motor: SEW 2 x 0,18 kw  
 Length: 450 mm  
 Width: 350 + product width  
 Adjustable: 100 mm



## Chain

The chain is made of acetal plastic with stainless steel rivets and is supplied in 3 m lengths.

## Guide rails

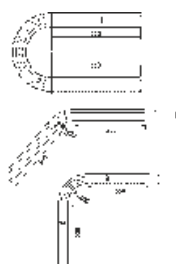
Guide rails are available as adjustable and fixed mounting.

## Conveyor body, straight

The conveyor body is supplied in four different lengths, which is locked together by means of connection pipes. The conveyor body, made of anodised aluminium or stainless steel, HDPE-1000 slide rails.

## Slide curves 45°, 90° and 180°

Horizontal curves are used for short conveyors and where maximum space is required. Conveyor body of anodised aluminium or stainless steel, HDPE-1000 slide rails.



## Wheel curves 45°, 90° and 180°

Horizontal curves are used for long conveyors and heavier loads. Conveyor body of anodised aluminium or stainless steel, wheels made of PA and with slide bearings.

