



GURA Canted Roller Conveyor



The GURA Canted Roller Conveyor is designed to convey boxes, steel and plastic containers, as well as barrels.

This powered roller conveyor is mainly used in in-house transport with picking, sorting and distribution systems. It is also used for the transport of workpiece carriers and to connect machine and assembly stations.

This conveyor is designed for a safe transport of goods up to a max. load of 60 daN/m in a simple and economical way. The low-noise, zinc-plated steel rollers are run on bearings with antitwist protection; the axles have antistatic ends made of plastic. The rollers are driven by a low-wear belt by means of pressure from the bottom. The belt can be mounted in the middle as well as at one side of the roller.

Normally accumulation can only be realized by operation at set intervals or rather stopping the drive.

The drive length is max. 3 m per drive with a belt width of 50 mm.

The speed (v) is from 0.1 to 0.8 m/s. With a roller pitch of 100 mm the reference value for the carrying capacity is approximately 30 daN/m for boxes and approximately 60 daN/m for steel and plastic containers.

The bottom belt drive enables a defined conveying which includes a better slaving and one sided alignment of the goods as infeed of a packing machine.

For troublefree operation you only need an oil and grease-free environment.

As an option we offer enamelled steel profiles.

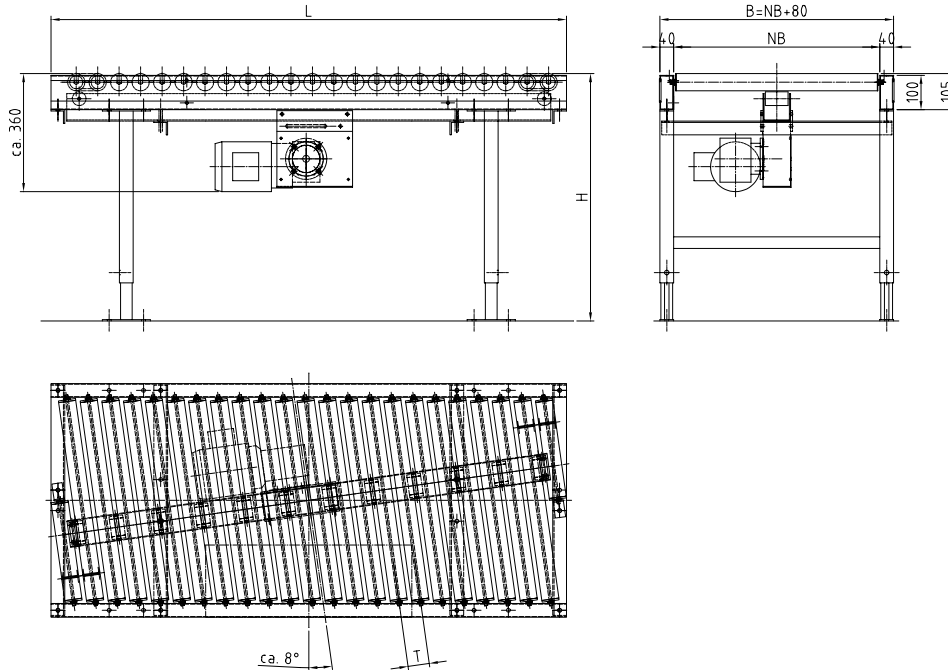
The steel profiles are sealed with a black plastic cover (PP) over the whole length. It can be used as a cable channel or a compressed-air piping channel.

On request gaps between the rollers in the workplace sectors can be covered.

To upgrade your system a large-scale of ancillary equipment is provided, as well as controls.

GURA Canted Roller Conveyors

- Bed widths: 300, 400, 450, 500, 600, 700 mm
- Roller pitches: 55, 75, 100, 150 mm
- Steel rollers: Ø 50 mm, zinc-plated
- Drive: 3x230/400 volts, gear motor with brake
max. v = approx. 0.1 - 0.8 m/s
- Lengths: approx. 3 m / with a strain of 60 daN/m per drive unit
- Customized widths possible
- Frame: zinc-plated steel (SV), as an option we offer enamelled steel profiles (SL)
- Zinc-plated H-type supports and mountings
- Our complete system program includes straight lines, curves, merges and further components
- Ancillary equipment: guide rail, height and width adjustable, H-type supports, end stops



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Series	NB [mm]	L [mm]	t [mm]	Profile [mm]	Rollers D [mm]	v [m/s]	Capacity* [kg/m]
55600	300, 400 450, 500 600, 700	length of segment max. 3,000 mm as a multiple of the roller pitch (t)	55, 75 100, 150	C40x100x40, SV C40x100x40, SL with plastic cover profile	Ø 50x1.5, SV	0.1 - .0.8	1 - 60

SV = zinc-plated steel
 SL = enamelled steel

* Benchmarks. Mandatory values on request.

Example order: 55600 – 100 – 400 – 3000 = Canted Roller Conveyor

- 55600 = Series no.
- 100 = Roller pitch t [mm]
- 400 = Nominal width NB [mm]
- 3000 = Length L [mm]

Ancillary Equipment:

Series	NB [mm]	Description
F5042	300 - 700	support, adjustment range H= +- -50 mm
F3002	300 - 700	support with swivel joint, adjustment range H= +- -50 mm
59930		guide rail, at both sides, SV-tube
59910		light barrier and reflector holder