



## Accumulation Conveying with Round Belt Drive

The GURA Roller Conveyor with round belt drive is designed to convey boxes, steel and plastic containers.

This powered roller conveyor is mainly used for the 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 PU round belt.

By this low-pressure, reduced noise and low-maintenance accumulation and conveying is achieved. The slave power is independent of the weight of the goods to be conveyed.

Lengths of 25 m per drive unit are possible by means of an end to end drive shaft.

The speed ( $v$ ) is from 0.1 to 0.4 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 conveyor operates with low pressure accumulation. Electropneumatic stops are available for repeated separation and acceleration lines.

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.

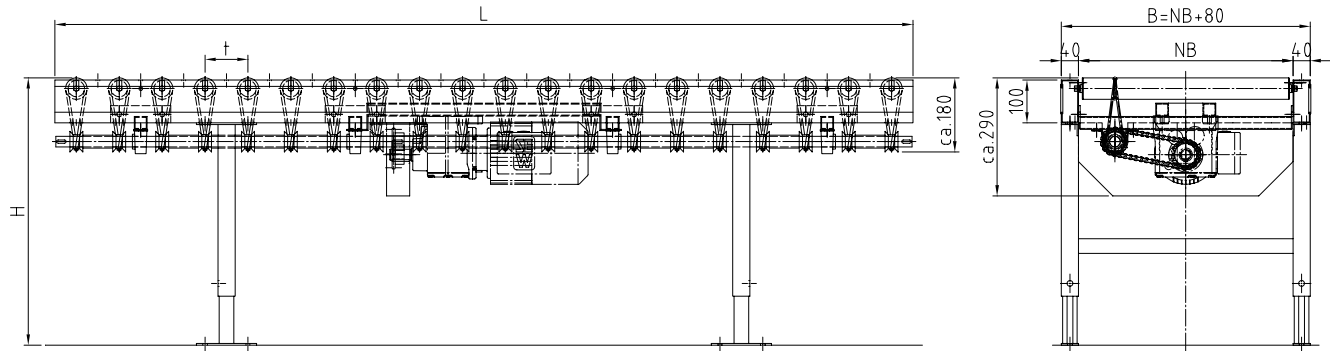
On request gaps between the rollers in the workplace sectors can be covered.

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



### GURA Roller Conveyor, Round Belt Drive

- Bed widths: 300, 400, 450, 500, 600, 700 mm
- Roller pitches: 55, 75, 100, 150 mm
- Steel conveyor rollers: 50 mm, zinc-plated
- Drive: 3x230/400V, gear motor,  $v$  max. = ca. 0.1 - 0.4 m/s max.
- Length: approx. 25 m per drive unit
- Customized lengths and widths on request
- Conveyor profile: zinc-plated steel (SV); enamelled version (SL) on request
- Zinc-plated H-type supports and mountings
- Constant slaving (independent of speed)
- 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



**Roller Conveyor, Round Belt Drive**

Series	NB [mm]	L [mm]	t [mm]	Profile [mm]	Rollers D [mm]	v [m/s]	Capacity* [kg/m]
56010	300, 400 450, 500 600, 700	length of segment max. 3,000 mm as a multiple of the roller pitch	55, 75 100, 150	C40x100x40, SV C40x100x40, SL with plastic cover profile	Ø 50x1.5, SV	0.1 - 0.4	1 - 60

SV = zinc-plated steel  
 SL = enamelled steel

\* Benchmarks. Mandatory values on request.

**Example Order: 56010 – 100 – 400 – 1900**

- 56010 = Series no.
- 100 = Nominal width (NB) [mm]
- 400 = Roller pitch (t) [mm]
- 1900 = Conveyor length (L) (has to be a multiple of t) [mm]

**Ancillary Equipment:**

Series	NB [mm]	Description
F5042	300 - 700	support, adjustment range H= +/- 50 mm
59930		guide rail, at both sides, SV-tube
56950	300 - 700	pneumatic sword-shaped stop
54300	300 - 700	outgoing merge with timing belt, different dimensions possible on request
59910		light barrier and reflector holder