



Gura Timing Belt Conveyor



The GURA Timing Belt Conveyor is designed to convey ledges, profiles, plates etc. In case of transverse transfer and outgoing merges a timing belt conveyor with two or more belt lanes is used to link production machines.

The conveyor is made of aluminium system profiles 180 x 40 mm. A special, antistatic profile to guide the timing belt is mounted on top. Return pulleys (Ø 45mm) are mounted at the front. The width of the timing belt is 25 mm and the pitch is 10 mm.

As our standard the timing belt is equipped with a super-grip coating on its back. We offer a large range of different back coatings and are able to determine which base material is best for your goods.

The timing belt has a maximum traction power of 1100 N at its joint.

The single belts are driven via a common drive shaft by a worm gear motor with hollow shaft. You can continuously shift the driving station and the supports in the system profile.

The standard speed is 0.3 m/s. The maximum speed is 1 m/s.

Other transmission systems, eg. chain drive or similar gear motors with speed control (mechanical or via frequency converter) are available on request. The supports are zinc-plated and equipped with swivel joints. The standard version is height adjustable +/- 100 mm.

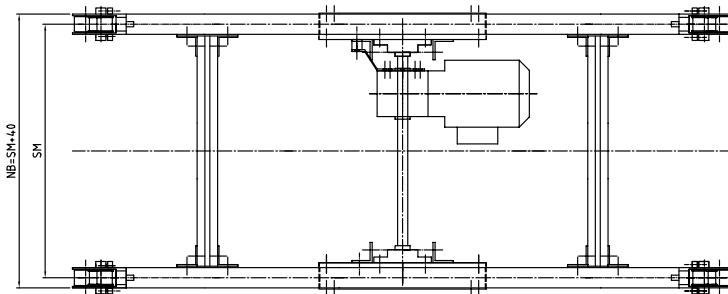
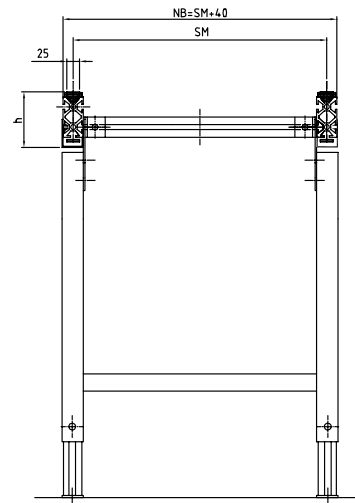
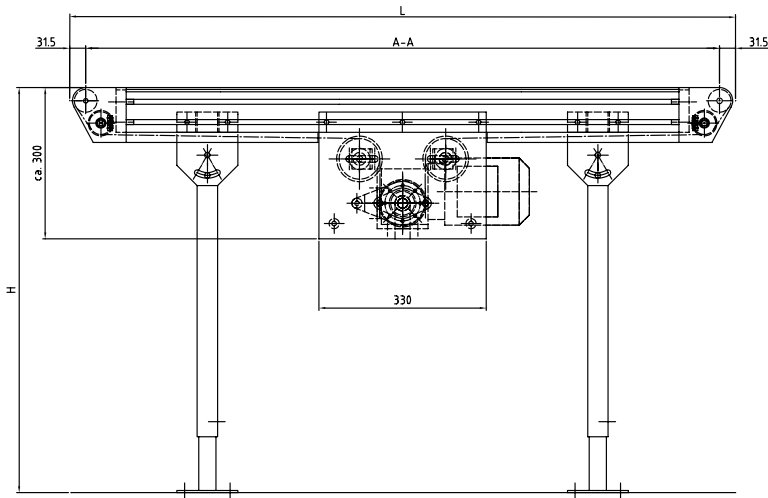
The minimum overall height is approximately 320 mm and can vary depending on the size of the motor.

Customized constructions (eg. timing belt conveyors with pneumatic height adjustment etc.) are available on request.

Thanks to the grooves in the aluminium profile guide rails, light barrier holders, etc. can be mounted easily.

GURA Timing Belt Conveyor

- Bed widths: 300 - 1500 mm
- Number of lanes (SA): 2, 3, and 4
- Drive: 3*230/400 volts, worm gear motor, v max. approx. = 0.3 m/s
- Aluminium system profile
- Zinc-plated H-type supports and mountings
- Our complete system program includes straight lines, curves, merges and further components
- Ancillary equipment: guide rails, height and width adjustable, H-type supports, end stops



Timing Belt Conveyor, Centre Drive

Series	NB [mm]	L [mm]	SA	Profile	h [mm]	v [m/s]	Capacity* [daN/m]
54100	300 - 1500	500 - 3000	2, 3, 4	system profile 80X40, aluminium	110	0.3	max. 150 per belt

* Benchmarks
 Mandatory values on request.

Example order: 54100 – 300 – 3 – 3000 = Timing Belt Conveyor, Centre Drive

- 54100 = Series no.
- 300 = Nominal width NB [mm]
- 3 = 3 Lanes [SA]
- 3000 = Length L [mm]

Ancillary Equipment:

Series	NB [mm]	Description
59910	300 - 1500	support with swivel joint, adjustment range +- 50 mm light barrier and reflector holder