

# mk INOX Stainless Steel Conveyors

# Information about mk INOX Conveyor Technology

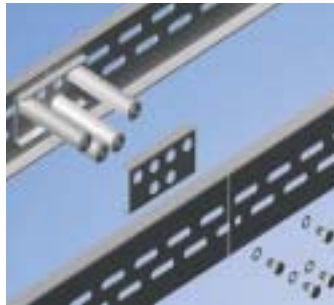


## *Advantages of mk INOX Conveyor Technology*

- Designed for use in medical engineering, as well as in the pharmaceutical, cosmetic and food industries.
- Developed using our years of experience in the modular design of aluminum profiles and conveyor technology.
- Use of stainless steel of varying grades, depending on the intended application and conditions.
- Use of FDA-compliant materials and components.
- Fast, easy and thorough cleaning due to the open design as well as quick disassembly/reassembly elements.
- Standard or customizable sheet metal punching for easy integration into existing systems, or for attachment of accessories.
- Flexible, and adaptable for future redesigns or reconfigurations.



Custom-component assembly



Completely modular



Universal connection technology

## General information about mk INOX Conveyor Systems

Conveyor systems for sectors with increased hygiene regulations must be as varied as the products in these sectors are diverse. Whether part goods or bulk goods in containers or packaging, mk has the right conveying system for every material conveyed. Maximum process control and reliability is achieved by a comprehensive, standardized and fully-developed range of individual conveyor modules.

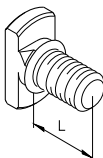
The universally applied modular assembly makes it easier to combine the conveyor systems with each other. As a result, even complex solutions can be achieved without major adaptation costs. Individual automation issues can be taken into account just as easily as specific customer requirements, i.e. integration into more complex systems.

Universally usable connection components not only reduce the number of components required, but also the time and cost of assembly and disassembly of the modules and components.

mk INOX conveyor technology is therefore cost-effective, easy to upgrade and expand, and is readily available.

## Assembly components of mk INOX Conveyor Systems

The t-bolts are especially designed for our standard press-cuts with slotted holes (see picture top right).



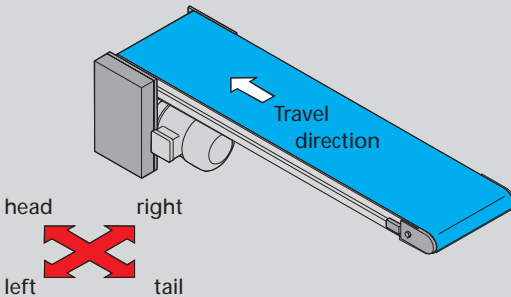
T-headed screw for assembly of accessories with slotted holes of width 10,5 mm or counter sinks  $\varnothing 9/\varnothing 12 \times 90^\circ$

Dimensions	Ident-No.	Use
M8 x 12	79.04.0012	sheet 2-6 mm
M8 x 16	79.04.0013	side rail holder 6-10 mm
M8 x 20	79.04.0014	customer-specific
M8 x 25	79.04.0015	customer-specific
M8 x 30	79.04.0016	side rail holder 20-24 mm
M8 x 45	79.04.0019	side rail holder 35-39 mm

# Information about Conveyor Technology

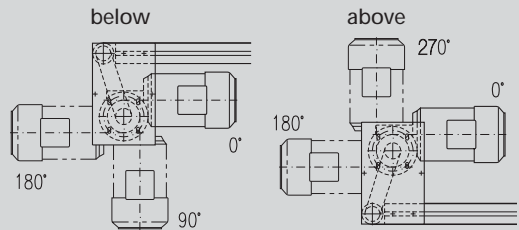
## Drive location

When selecting a drive version, please note the available drive locations (head/tail, left/right, below/above).



## Motor orientation

The motor orientation can be specified as 0°, 90°, 180° or 270° as shown. If no specific orientation is requested, the drive location head, left, below with motor orientation 0° will be supplied as a standard.

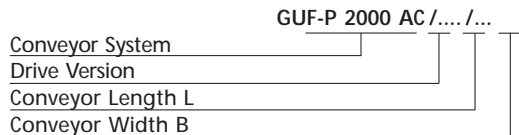


## Order considerations

The conveyor type designation consists of the selected Conveyor System, the Drive Version, the Conveyor Length L and the Conveyor Width B.

The configuration of a specific conveyor is influenced by many factors. In order to ensure the correct conveyor for your application, please include any relevant information relating to the product and the environment where the conveyor will be used. Not to be ignored are cleanroom or explosion-proof requirements.

## Conveyor Designation



Besides the Conveyor Designation we also require the following information:

- Drive location, motor orientation
- Speed (constant or variable)
- If variable: Vmax
- Travel (Continuous or Accumulating)
- Tail head (as applicable)
- Tail rear (as applicable)
- Belt Type
- Product (Weight and Dimensions)
- Side Rails
- Stands incl. height
- Accessories

### Conveyor lengths

The conveyor length L is a nominal dimension and is defined as the overall distance between the roll holders under tension-free conditions.

The actual conveyor length is generally slightly longer due to the following:

- Roller diameters are larger than those of the roll holders (between 1 and 3.5 mm per side)
- Minimal tension on the conveyor belt (which stretches under tension 0.3% of its overall length)
- Compensation for the length tolerance of the conveyor belt (up to 0.8%)
- Thickness and thickness tolerance of the conveyor belt (between 1-5 mm per side)

If exact overall lengths are required, it must be explicitly called out on inquiries and orders.

An exact length can only be assured with drive version BC

### Motor selection

mk offers a variety of standard motors. For conveyors ordered and manufactured in Germany, a tool for selecting motors is available on our website at [www.mk-group.com](http://www.mk-group.com) for conveyor systems GUF-P MINI, GUF-P 2000, GUF-P 2041 and GUF-P 2004. The mk group-wide product range covers motors which conform to local norms and requirements. AC Spiroplan gearbox, AC worm gearbox motors and in part, DC helical gearbox motors from renowned manufacturers are preferred. mk maintains a stock of well-known manufacturer's motors which conform to DIN 42948.

### Motor voltage

As a standard, mk provides motors which comply with the normal, expected electrical requirements of the country where they are manufactured. International motors are also available for conveyors designed for export.

### Motor power

Motors are sized to each individual conveyor style, size and performance requirements. A range of output of 0.054 kW to 0.75 kW (1/14 hp to 1 hp) is covered standard.

### Speeds

The maximum conveyor speed depends on the motor, product load, type of transport (static or accumulating) and the size of the conveyor. These figures refer to the rated speeds. It should be noted that the motors have a speed tolerance of  $\pm 10\%$ . For AF drives, that has a direct impact on the conveyor speed. For drive trains with roller chain or timing belts, the tolerance tends to move into positive territory. The real speed can be up to 20% above the rated speed.

### Speed Control

For drives with AC motors and variable speed, this is adjustable based on the rated speed at 50 or 60 Hz in the range 1:7 (corresponding 10 to 70 Hz). For DC motors, the control range is 1:6 (corresponding to 0.25 to 1.5 A or 0.5 to 3.0 A).

### Rating

All standard motors are built to IP 54 (IP = International Protection) standards, whereby higher standards are available on request.

### Special features

On request, motors are available for indexing applications. At lower frequencies, an auxiliary fan is required to do elevated motor temperatures. Clutch/brake motors, or thermal switches are also available. However, this does not apply to the CA drive version (with drum motor).

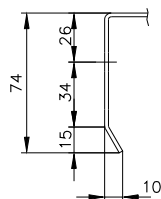
# mk INOX Belt Conveyor



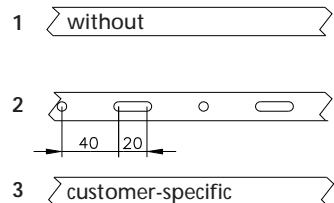
## *Advantages of mk INOX Belt Conveyors*

- Crowned drive rollers and pulleys for precise belt tracking
- Tail Pivot in the conveyor frame (optionally available) for quick belt removable and cleaning
- Different drive options to accommodate physical layouts
- Different tail options to accommodate product sizes
- Custom sheet metal profile punching
- Internal belt return for belt protection and direct frame mounting options

### Conveyor frame profiles



### Standard sheet metal punching



# GUF-I AA

Belt Conveyor with Head Drive, without motor

B20.43.104



## Features:

- Ability to use multiple conveyors with a single drive motor
- Minimal maintenance requirements
- No interference below the conveyor frame

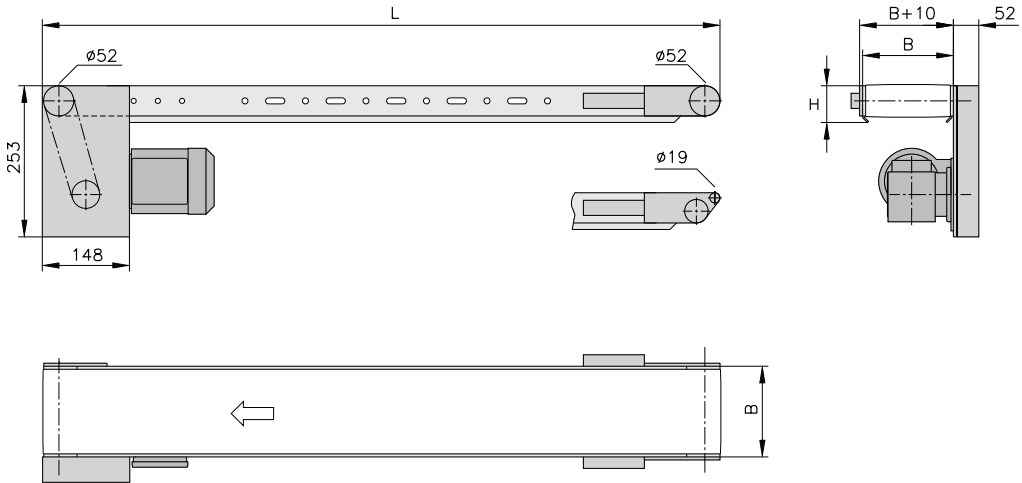
	Dimensions – Technical Information	Notes
Conveyor frame height H	74 mm	
ø Drive roller D	52 mm	
Conveyor length L	between 700-10000 mm	any increment possible disconnection point in the conveyor frame at approx. every 1.500 mm
Conveyor width B	100, 150, 200, 250, 300, 400, 500 mm	others on request
Belt Width	B-15 mm	belts see page 12
Drive	shaft extension ø 16 mm	
Drive Location	right, left, both ends	
Speed	to 80 m/min (260 ft/min)	
Load Capacity max./m	75 kg (165 lbs)	higher on request
Tail	U09 (ø52), U09-S (ø52), U13 (ø19)	see page 10
Stands		see page 29

# GUF-I AC

## Belt Conveyor with Head Drive

B20.43.101 with chain drive

B20.43.103 with timing belt drive



### Features:

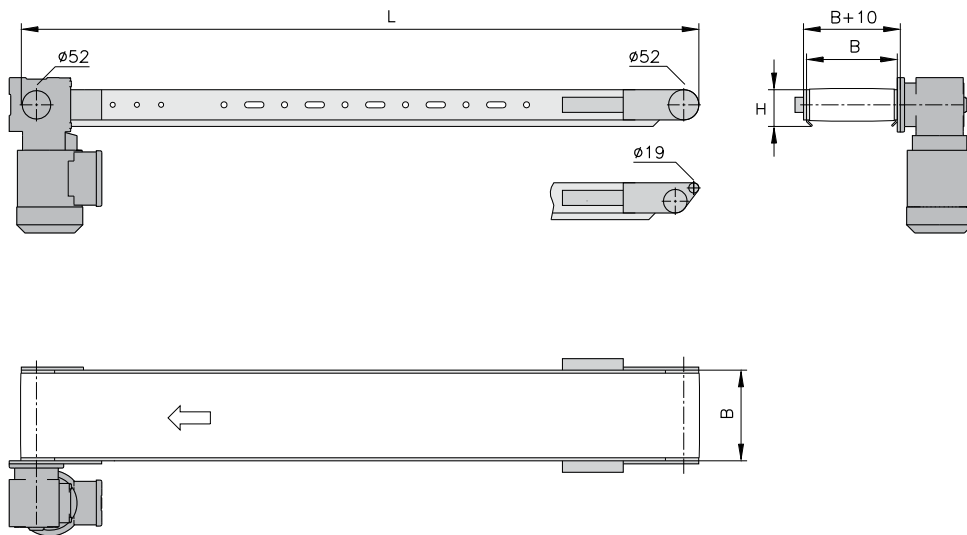
- Diverse drive motors, matched to the different speed and load requirements
- Minimum side clearance contour makes integration in existing systems easier

	Dimensions – Technical Information	Notes
Conveyor frame height H	74 mm	
ø Drive roller D	52 mm	
Conveyor length L	between 700-10000 mm disconnection point in the conveyor frame at	any increment possible approx. every 2.000 mm
Conveyor width B	100, 150, 200, 250, 300, 400, 500 mm	others on request
Belt Width	B-15 mm	belts see page 12
Drive	Stainless steel chain or timing belt	
Drive Location	head right above, head right below, head left above, head left below	
Speed	up to $v = 60$ m/min (200 ft/min) with chain drive up to $v = 80$ m/min (260 ft/min) with timing belt drive	
Load Capacity max./Drive	75 kg (165 lbs)	higher on request
Load Capacity max./m	75 kg (165 lbs)	higher on request
Tail	U09 (ø52), U09-S (ø52), U13 (ø19)	see page 10
Stands		see page 29

# GUF-I AF

Belt Conveyor with Head Drive direct

B20.43.102



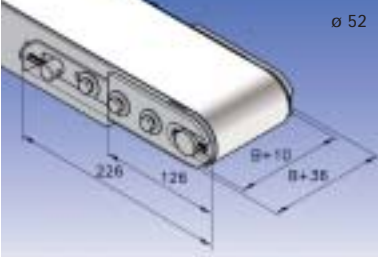
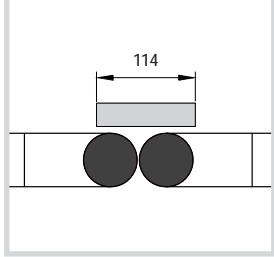
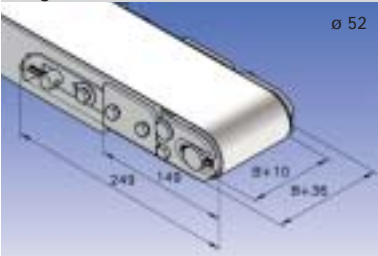
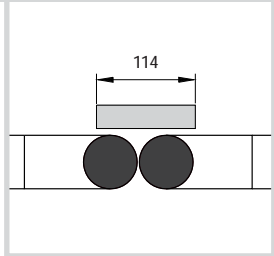
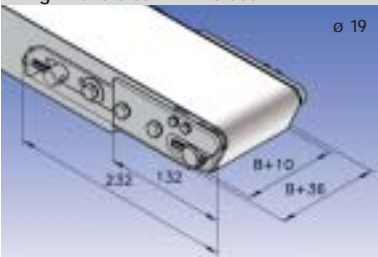
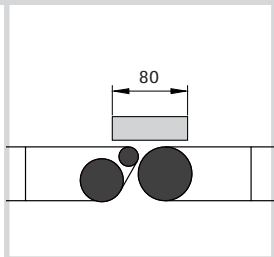
**Features:**

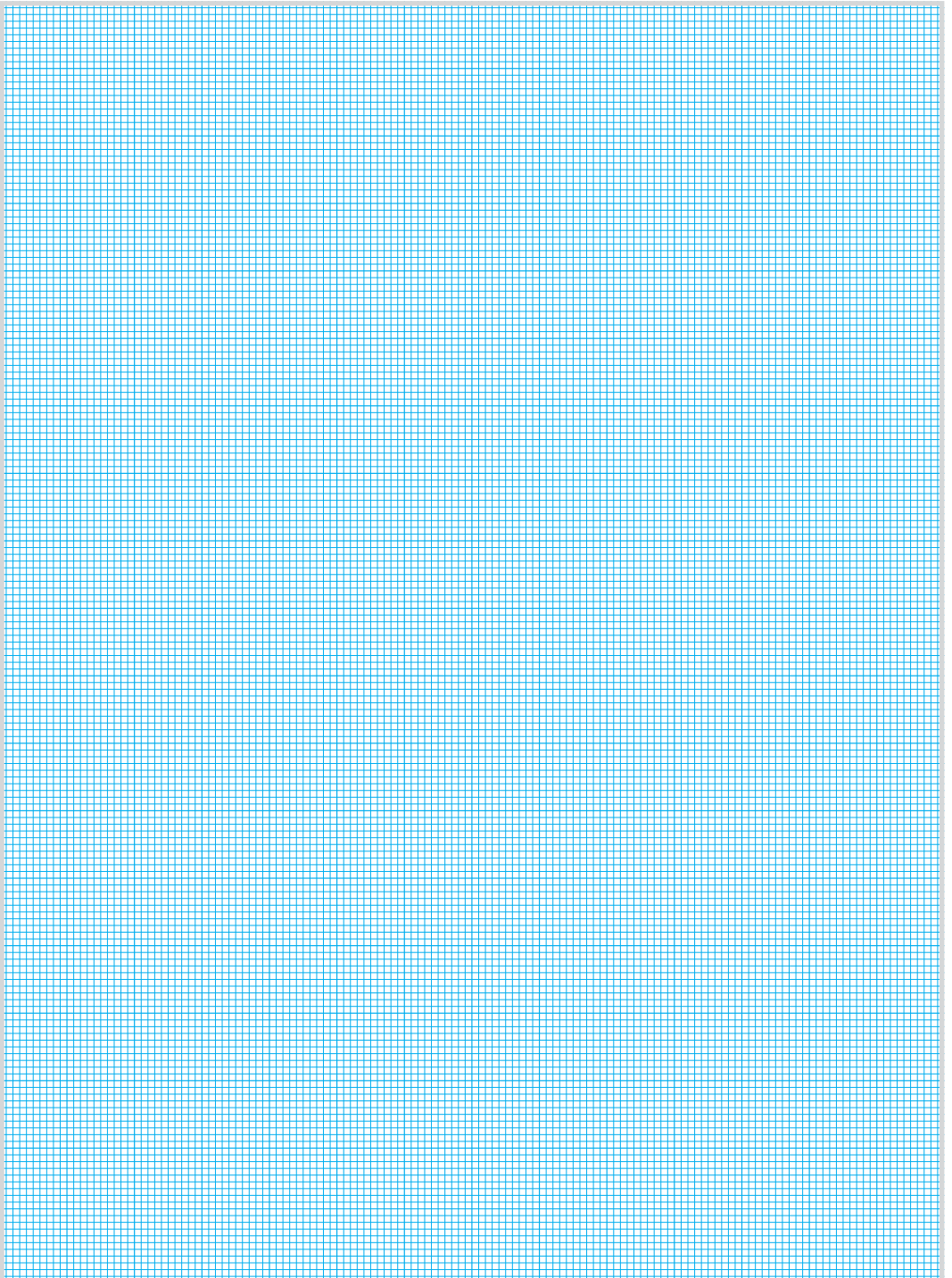
- Well-priced drive concept
- Minimal maintenance requirements
- No interference below the conveyor frame

	Dimensions – Technical Information	Notes
Conveyor frame height H	74 mm	
ø Drive roller D	52 mm	
Conveyor length L	between 700-10000 mm disconnection point in the conveyor frame at approx. every 1.500 mm	any increment possible
Conveyor width B	100, 150, 200, 250, 300, 400, 500 mm	others on request
Belt Width	B-15 mm	belts see page 12
Drive	quill shaft motor, shaft ø 16 mm	
Drive Location	head right, head left	
Speed	2,8; 3,6; 4,4; 5,4; 6,5; 7,7; 8,7; 10,9; 12,9 and 14,9 m/min	(head left shown above)
Load Capacity max./Drive	30 kg (65 lbs)	higher on request
Load Capacity max./m	75 kg (165 lbs)	higher on request
Tail	U09 (ø52), U09-S (ø52), U13 (ø19)	see page 10
Stands		see page 29









# GUF-I

## Tails



<p>Tail 09 B80.43.102 Alignment block B71.43.000</p> 	<p><b>Properties/Features</b></p> <ul style="list-style-type: none"> <li>■ <math>\varnothing</math> 52 mm crowned roll</li> <li>■ Belt tension using alignment blocks</li> <li>■ Tracking using tension shafts (from end)</li> <li>■ Minimum product size for transfer 114 mm</li> </ul>	
<p>Tail 09-S B80.43.105 Alignment block B71.43.000</p> 	<p><b>Properties/Features</b></p> <ul style="list-style-type: none"> <li>■ <math>\varnothing</math> 52 mm crowned roll</li> <li>■ Belt tension using alignment blocks</li> <li>■ Tracking using tension shafts (from end)</li> <li>■ Minimum product size for transfer 114 mm</li> <li>■ With a tail pivot for faster cleaning and faster belt change</li> </ul>	
<p>Tail 13 B80.43.103 Alignment block B71.43.000</p> 	<p><b>Properties/Features</b></p> <ul style="list-style-type: none"> <li>■ <math>\varnothing</math> 19 mm rolling nosebar</li> <li>■ Belt tension using alignment blocks</li> <li>■ Tracking using idler roller (from end)</li> <li>■ Note minimum pulley diameter when selecting belt</li> <li>■ Transfer length from 80 mm in combination with roller diameter 52 mm</li> </ul>	



# Belt Types

Belt type	Field of application	Surface Texture	Allowable Temperature	Thickn. (mm)	Properties	Min. ø Tail	Accumulation	Material	Price category
<b>Transilon E 2/1 U0/U2 HACCP white FDA, K10200</b>									
	sweets industry, industry of pastries, long-life bakery products	smooth	-30 - +100°C	0,6	antistatic	8 mm		Urethane	1
<b>Transilon E 3/1 U0/U2 RF brown FDA, K10268</b>									
	chocolate industry	structure	-30 - +100°C	1,2	antistatic, laterally stiff	8 mm		Urethane	3
<b>Transilon E 3/2 U0/U0 colorless FDA, K10203</b>									
	industry of pastries, long-life bakery products	woven	-30 - +100°C	1,2	antistatic, laterally stiff	8 mm	•	Urethane	2
<b>Transilon E 3/2 U0/U2 HACCP white FDA, K10214</b>									
	standard conveyor in the food industry industry of pastries dough band	smooth	-30 - +100°C	1,4	antistatic, laterally stiff	8 mm		Urethane	3
<b>Transilon E 3/2 U0/U2 HACCP-FF blue FDA, K10269</b>									
	standard conveyor in the food industry sweets ind., industry of pastries, chocolate industry, dough band	smooth	-30 - +100°C	1,5	antistatic	8 mm		Urethane	3
<b>Transilon E 4/2 U0/U2 MT-HACCP white FDA, K10270</b>									
	sweets industry, industry of pastries, chocolate industry	smooth	-30 - +100°C	1,4	antistatic	8 mm	•	Urethane	3
<b>Transilon E 4/2 U0/U2 MT-HACCP-FF blue FDA, K10271</b>									
	sweets industry, industry of pastries, chocolate industry	smooth	-30 - +100°C	1,4	antistatic	8 mm	•	Urethane	3
<b>Transilon E 8/2 U0/U2 green FDA, K10205</b>									
	packaging machines	smooth	-30 - +100°C	1,4	antistatic, laterally stiff	20 mm		Urethane	2

# Belt Types

Belt type	Field of application	Surface Texture	Allowable Temperature	Thickn. (mm)	Properties	Min. ø Tail	Accumulation	Material	Price category
Transilon E 8/H U0/U2 MT-HACCP white FDA, K10252									
	meet-, poultry-, fish industry food industry in general	smooth	-30 - +100°C	1,4	antistatic, laterally stiff, resistant to hot water steam	8 mm	•	Urethane	2
Transilon E 8/H U0/U2 MT-HACCP blue FDA, K10272									
	meet-, poultry-, fish industry food industry in general	smooth	-30 - +100°C	1,4	antistatic, laterally stiff, resistant to hot water steam	8 mm	•	Urethane	3

## Application examples



Complete automation of the production  
of osteosynthesis products



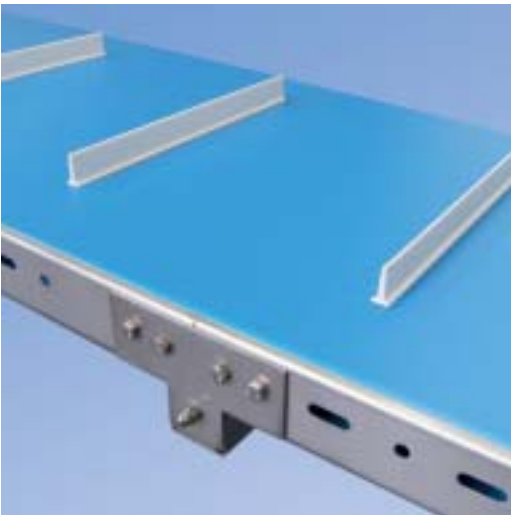
GUF-I conveyor with tail 09



GUF-I conveyor with tail 13



GUF-I conveyor with tail 09 and alignment block

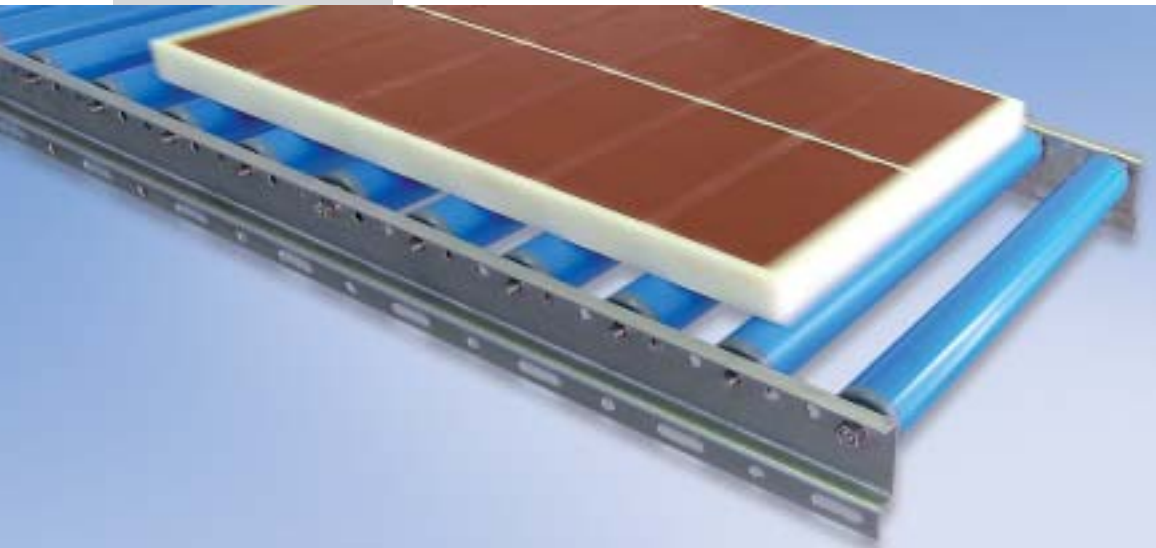


Extension plate with integrated support roll



Sorting and packaging line for chocolate

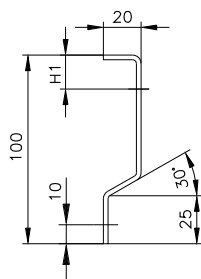
# mk INOX Gravity Roller Conveyor



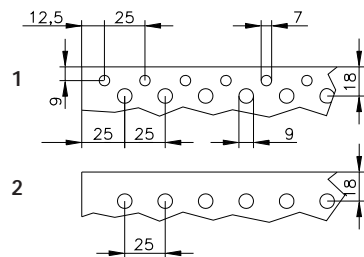
## *Advantages of mk INOX Gravity Roller Conveyor*

- Raised rollers for conveying wide goods
- Lowered rollers (alternatively available) for use of the profile frame as side rails
- Different roller sizes available depending on the conveyed product size and weight

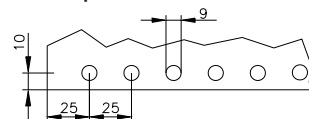
### Conveyor frame profiles



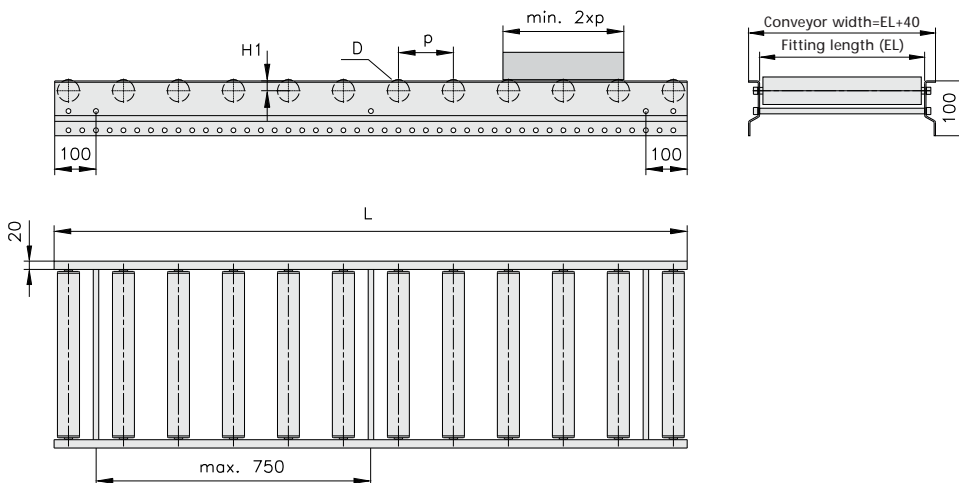
### Standard sheet metal punching incorporation of rollers



### incorporation of stands



B61.43.200



	Dimensions – Technical Information	Notes
Frame height H	100 mm	
ø Rollers D	20, 40 and 50 mm	
Fitting length EL ø 20 plastic	100, 150, 200, 250 and 300 mm	H <sub>1</sub> = 9 mm
ø 40 plastic/stainless steel	200, 250, 300, 350, 400, 450, 500 and 550mm	H <sub>1</sub> = 18 mm
ø 50 stainless steel	200, 250, 300, 350, 400, 450, 500 and 550mm	H <sub>1</sub> = 18 mm
Conveyor length L	500 - 5000 mm in base dimension 25 mm disconnection point in the conveyor frame at approx. every 2.000 mm stock length 300, 500, 1.000, 1.500, 2.000mm	
Roller pitch P ø 20	25, 50, 75 and 100 mm	
ø 40	50, 75, 100, 125 and 150 mm	
ø 50	75, 100, 125, 150, 175, 200, 225 and 250mm	
Roller types		see page 18
Load Capacity max./m	50 kg (110 lbs) (please observe roller load)	higher on request
Stands		see page 29

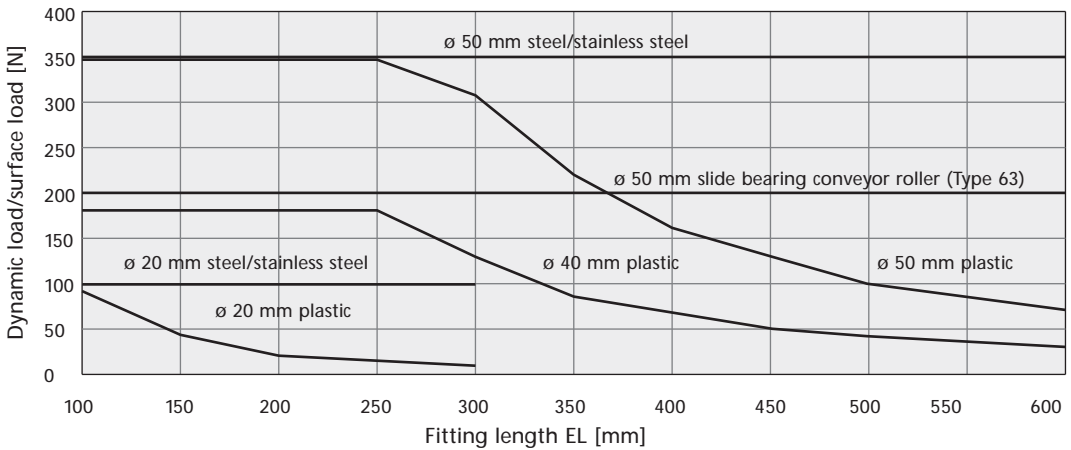
# Rollers

## Rollers cylindrical

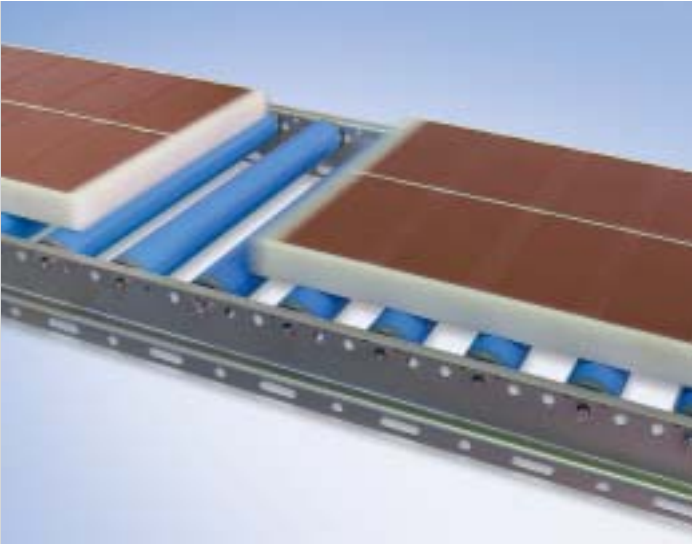
Roller	Ident-Nr.	Roller $\varnothing$	Material	Shaft version	max. Conveyor speed
Type 58	K106058. ...*	20 mm	Plastic	Spring shaft $\varnothing$ 6	9 m/min
Type 64	K106064. ...*	20 mm	Stainless steel	Spring shaft $\varnothing$ 6	9 m/min
Type 59	K106059. ...*	40 mm	Plastic	Spring shaft $\varnothing$ 8	15 m/min
Type 62	K106062. ...*	50 mm	Stainless steel	Spring shaft $\varnothing$ 8	18 m/min
Type 35	K106035. ...*	50 mm	Stainless steel	Threaded M8	18 m/min
Type 63	K106063. ...*	50 mm	Plastic	Bolt $\varnothing$ 8	15 m/min

...\* Fitting length in mm

## Dynamic load/surface load



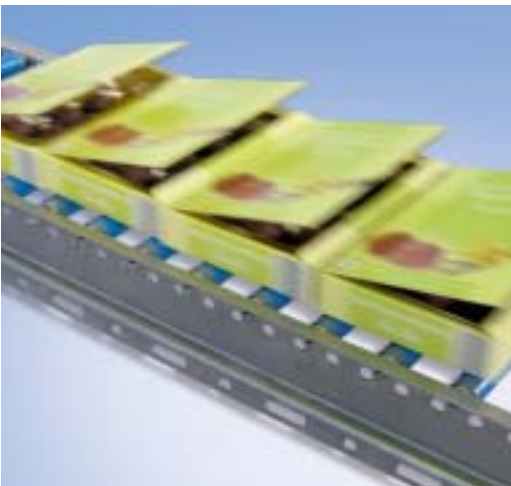
*mk INOX Gravity Roller Conveyor*  
Application examples



mk INOX Gravity Roller Conveyor with  $\varnothing$  40 mm plastic rollers



mk Conveyor Technology  
for food industry



mk INOX Gravity Roller Conveyor  
with  $\varnothing$  20 mm plastic rollers



mk INOX Gravity Roller Conveyor  
with  $\varnothing$  50 mm stainless steel rollers

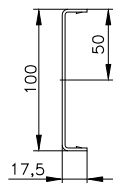
# mk INOX Flat Top Chain Conveyor



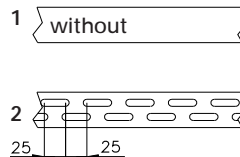
## *Advantages of mk INOX Flat Top Chain Conveyors*

- Comprehensive, individually combinable range of modules, consisting of straight sections, gliding and rolling curves, vertical bends, transfers and drive and tail units
- Chain maintenance segment for fast and easy dismantling of the flat top chain (optionally available)
- Flat top chains with and without cleats
- Side rails individually adaptable to the conveyed product

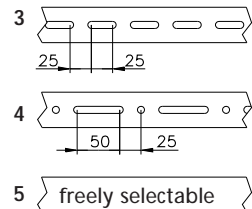
### Conveyor frame profiles



### Standard sheet metal punching



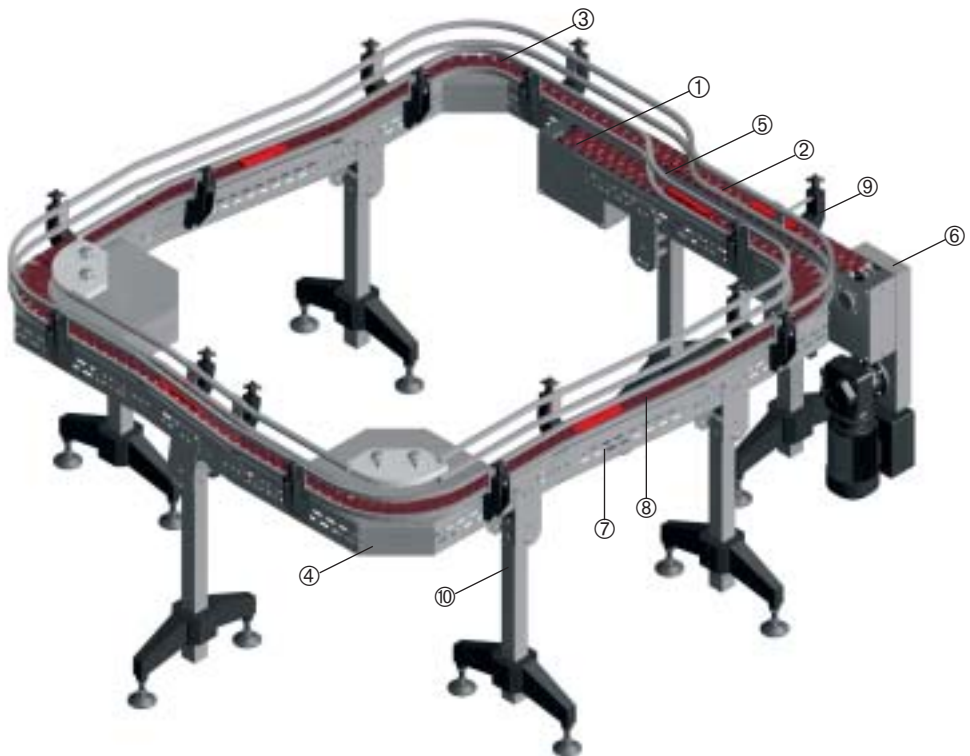
### Customer-specific sheet metal punching



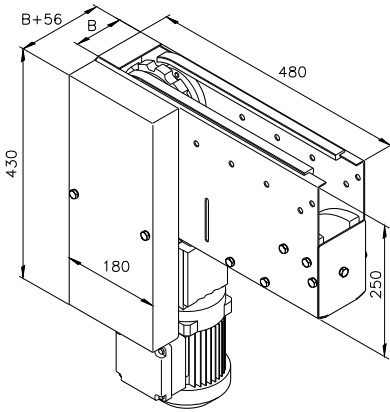
Various factors need to be considered when configuring Flat Top Chain conveyors. The total belt length, the number of curves, the product to be conveyed, the conveyor environment, the product weight and the line speed all influence the motor power requirement. Motors will be specified by mk depending on the above factors for each specific application. For systems which are to be

completely installed by mk, please note that the location (left/right) of the drive, transfer segments and curves must be defined in the direction in which the conveyor runs, i.e. towards the drive.

When ordering single modules wear strips in stock lengths from 2,0; 3,0 or 6,0 m are supplied in adequate quantity.



- ① Tail
- ② Straight
- ③ Gliding Curve 90° right
- ④ Rolling Curve 90° right
- ⑤ Transfer segment right
- ⑥ Drive left
- ⑦ Vertical bend
- ⑧ Chain maintenance segment
- ⑨ Side rail
- ⑩ Stand

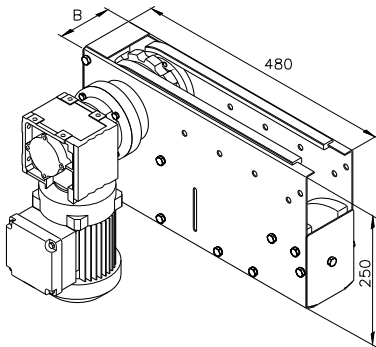


## Drive AC

The drive can be located on the head left (as shown) or head right side with motor orientation 90° or 180°. Motor power requirements typically vary between 1/3 - 3/4 Hp. Constant line speeds of up to 26 fpm-130 fpm are possible. Lower line speeds on request.

Width B	Chain	Ident-Nr.
100 mm	82.5 mm (3.25")	B01.43.001
130 mm	114.3 mm (4.5")	B01.43.011

With wear strips, without chain

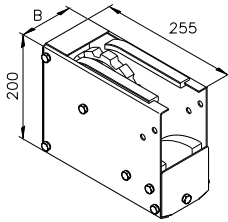


## Drive AF

The drive of the quill shaft motor (shaft  $\varnothing$  20 mm) can be located on the head left (as shown) or head right side with motor orientation 0°, 90° or 180°. Motor power requirements typically vary between 1/3 - 3/4 Hp. Constant line speeds of up to 26 fpm-130 fpm are possible. Lower line speeds on request.

Width B	Chain	Ident-Nr.
100 mm	82.5 mm (3.25")	B01.43.002
130 mm	114.3 mm (4.5")	B01.43.012

With wear strips, without chain

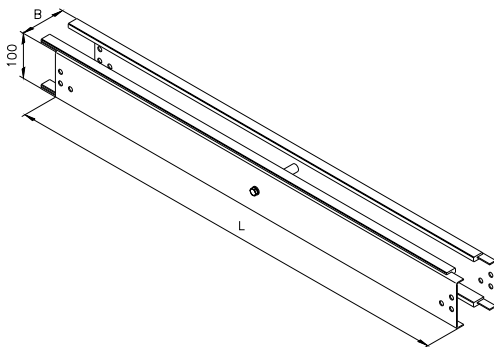


## Tail

The tail guides the belt precisely onto the running surface using high quality belt returns.

Width B	Chain	Ident-Nr.
100 mm	82.5 mm (3.25")	B80.43.001
130 mm	114.3 mm (4.5")	B80.43.011

With wear strips, without chain

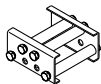


## Straight

The straight frame sections are extremely stiff. Stock lengths L = 500-2250 mm in steps of 250 mm. Standard lengths L = 500-2250 mm in steps of 25 mm. Special lengths on request.

Width B	Chain	Ident-Nr.
100 mm	82.5 mm (3.25")	B08.43.001
130 mm	114.3 mm (4.5")	B08.43.011

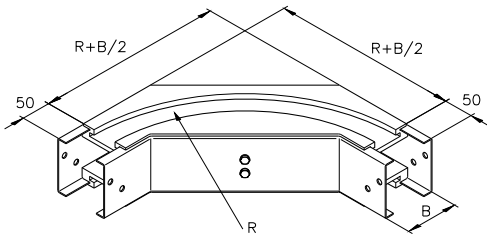
With wear strips, without chain



## Module Connector

All conveyor segments require the use of a module connector. The number required will be one less than the total number of conveyor modules (or segments) ordered.

Width B	Chain	Ident-Nr.
100 mm	82.5 mm (3.25")	B46.07.080
130 mm	114.3 mm (4.5")	B46.07.081

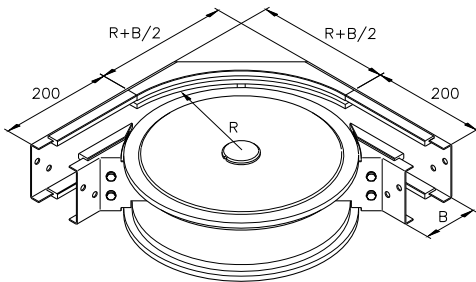


## Gliding Curve 90°

Economical to use, these gliding curves are primarily used with shorter conveyors as their application is limited to lighter loads and lower speeds.

Width B	Chain	Radius R	Ident-Nr.
100 mm	82.5 mm (3.25")	300 mm	B36.43.001
100 mm	82.5 mm (3.25")	500 mm	B36.43.002
130 mm	114.3 mm (4.5")	300 mm	B36.43.011
130 mm	114.3 mm (4.5")	500 mm	B36.43.012

With wear strips, without chain

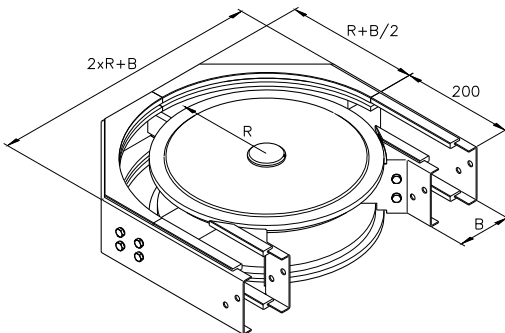


## Rolling Curve 90°

Designed using idler disks, the rolling curves significantly reduce the friction and tensile forces on the belt. As such, they are used where longer conveyor lengths, higher loads and higher speeds are required.

Width B	Chain	Radius R	Ident-Nr.
100 mm	82.5 mm (3.25")	200 mm	B36.43.003
130 mm	114.3 mm (4.5")	200 mm	B36.43.013

With wear strips, without chain

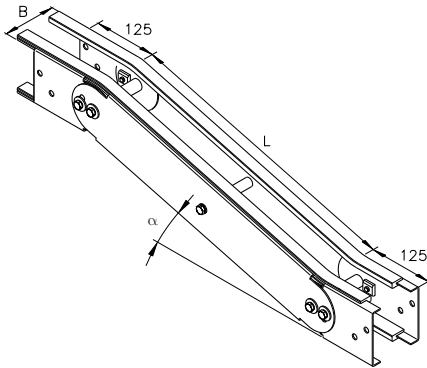


## Rolling Curve 180°

Designed using idler disks, the rolling curves significantly reduce the friction and tensile forces on the belt. As such, they are used where longer conveyor lengths, higher loads and higher speeds are required.

Width B	Chain	Radius R	Ident-Nr.
100 mm	82.5 mm (3.25")	200 mm	B36.43.004
130 mm	114.3 mm (4.5")	200 mm	B36.43.014

With wear strips, without chain

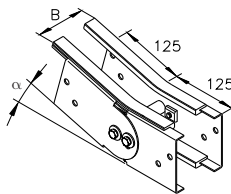


## Vertical Bend

With the vertical bend a max. incline of 7° can be realised when using chains without cleats. Chains with cleats allow incline up to 15°. Stock lengths L = 500-2250 mm in steps of 250 mm. Standard lengths L = 500-2250 mm in 25 mm increments. Custom lengths on request.

Width B	Chain	Incline $\alpha$	Ident-Nr.
100 mm	82.5 mm (3.25")	$\pm 15^\circ$	B36.43.005
130 mm	114.3 mm (4.5")	$\pm 15^\circ$	B36.43.015

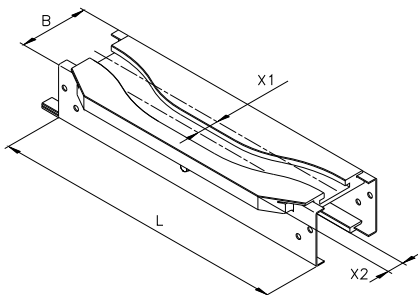
With wear strips, without chain



## Bend Module

For inclines > 2250 mm.

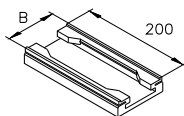
Width B	Chain	Incline $\alpha$	Ident-Nr.
100 mm	82.5 mm (3.25")	$\pm 15^\circ$	B36.43.006
130 mm	114.3 mm (4.5")	$\pm 15^\circ$	B36.43.016



## Transfer Module

Used to transfer products between parallel running lanes. Diversion X1 44 mm; Overhang X2 35 mm.

Width B	Chain	Length L	Ident-Nr.
100 mm	82.5 mm (3.25")	550 mm	B37.43.001
130 mm	114.3 mm (4.5")	550 mm	B37.43.011
100 mm	82.5 mm (3.25")	800 mm	B37.43.002
130 mm	114.3 mm (4.5")	800 mm	B37.43.012



## Chain Maintenance Segment

This element can be installed in any straight segment. Used to quickly and easily remove or replace the conveyor chain.

Width B	Chain	Length L	Ident-Nr.
100 mm	82.5 mm (3.25")	200 mm	19.02.0050
130 mm	114.3 mm (4.5")	200 mm	19.02.0051

# Flat Top Chains

The chains shown in the tables below are our normal standards. The chains shown are FDA suitable. Plastic chains are not suitable for sharp products, or for cleaning with phosphoric acid or nitric acid.

It is more important to select a belt based on the application, rather than its strength, using a belt calculation program. Factors to be considered are overall conveyor length, speed, accumulation, lubrication, the type of product and its weight. Other chains and materials are available.

Plastic Chains	Description	Ident-Nr.	Frame width [mm]	Chain width [mm]	R min [mm]	max. belt strength [N]	Material	Degree of hardness cleat
	LF 880 TAB-BO-K325	K114510031	100	82,5	200	1680	POM brown	
	LF 880 TAB-K325	K114510030	100	82,5	500	2100	POM brown	
	LF 880 TAB-BO-K450	K114510090	130	114,3	200	1680	POM brown	
	LF 880 TAB-K450	K114510085	130	114,3	500	2100	POM brown	
	WLF 880 TAB-BO-K325	K114510048	100	82,5	200	1680	POM white	
	WLF 880 TAB-K325	K114510049	100	82,5	500	2100	POM white	
	WLF 880 TAB-BO-K450	K114510091	130	114,3	200	1680	POM white	
	WLF 880 TAB-K450	K114510092	130	114,3	500	2100	POM white	
	<b>with Cleats (not suitable for accumulated operating or side-discharge)</b>							
	HFP 880 TAB-BOT-K325	K114510045	100	82,5	200	1680	POM brown	45 shore A
	HFP 880 TAB-BOT-K325	K114510044	100	82,5	200	1680	POM brown	60 shore A
	HFP 879 TAB-BO-K450	K114510093	130	114,3	200	2100	POM brown	45 shore A
	HFP 879 TAB-BO-K450	K114510094	130	114,3	200	2100	POM brown	60 shore A
Stainless Steel Chains	Description	Ident-Nr.	Frame width [mm]	Chain width [mm]	R min [mm]	max. belt strength [N]	Material	
	SSR 8811 TAB-BO-K325	K114510022	100	82,5	200	4500	Stainless steel	
	SSC 8811 TAB-K325	K114510024	100	82,5	500	6000	Stainless steel	
	SSC 8811 TAB-K450	K114510062	130	114,3	500	6000	Stainless steel	

*mk INOX Flat Top Chain Conveyor*  
Application examples



mk INOX Flat Top Chain Conveyor for Sushi Bar



mk INOX flat top chain conveyor  
with collecting tray



Rolling Curve 90°

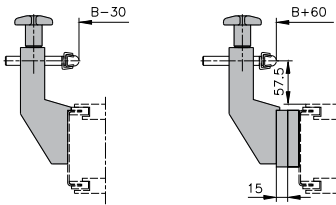


Chain maintenance segment  
quick chain maintenance access

# Side rails

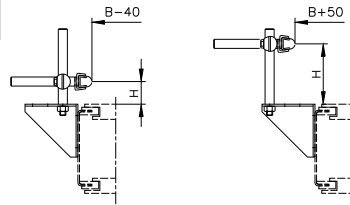
Guiding products properly is one of the most important considerations when planning a conveyor system. For this reason, mk offers a wide selection of side rails being adjustable in width and height. Simple adjustability enables quick changeovers for various product sizes.

SF10. ..



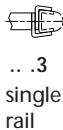
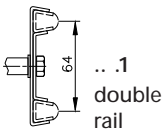
Side Rail plastic/stainless steel complete  
**B17.43.001**  
 For products from width B-30 mm up to width B.  
 In connection with distance piece **K111060000**  
 (maximum of 2 per side) up to B+60 mm.

SF14. ..

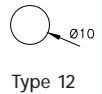
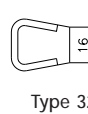
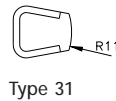
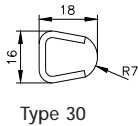


Side Rail stainless steel complete  
**B17.43.002**  
 For products from width B-40 mm up  
 to width B+50 mm.  
 Height variability 50±35 mm.

## Rail options



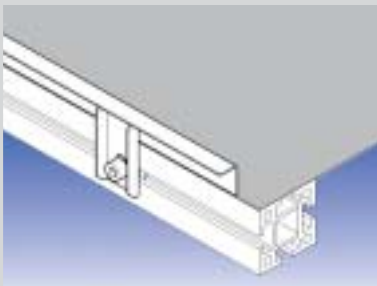
## Rails



## Order Example

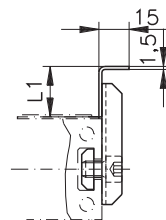
Side Rail SF10.1, Type 30; Length L = 2000 mm; on both sides

## SF2.2



System SF2.1 **B17.43.104**

Variable	Value
L1	25
	50
	75





## Stands

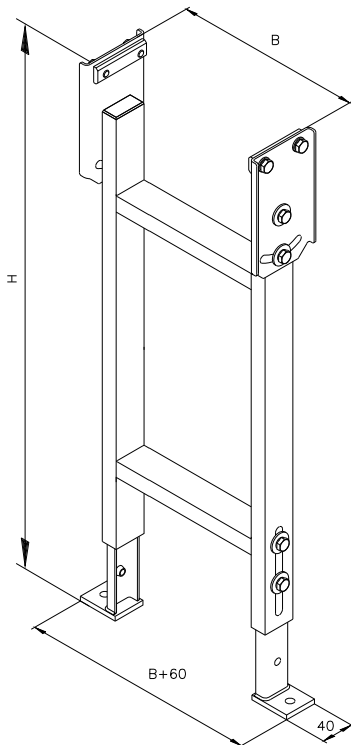
Welded version.  
Height and incline  
adjustment.  
Ident Nr. B67.43.101

**Standard height:**

- H 600 mm ± 100 mm
- H 750 mm ± 150 mm
- H 1000 mm ± 150 mm
- H 1250 mm ± 150 mm
- H 1500 mm ± 150 mm

**Standard width:**

B = 250 - 800 mm





## Stands

Stand for narrow conveyors.  
Height and incline adjustment.

### Standard height

H 500 mm - 1500 mm in steps of 50 mm  
± 70 mm

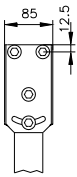
### Width

B = 100 - 300 mm

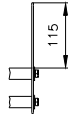
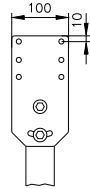
### Ident Nr.

B67.43.005

for GUF-I and RBS-I



for SBF-I



for GUF-I and RBS-I

### Width

B = 100 mm

B = 130 mm

### Ident Nr.

B67.43.002

B67.43.011

for SBF-I without drip pan

### Width

B = 100 mm

B = 130 mm

### Ident Nr.

B67.43.002

B67.43.012

for SBF-I with drip pan

### Width

B = 100 mm

B = 130 mm

### Ident Nr.

B67.43.003

B67.43.013

for SBF-I rolling curve 90°

### Width

B = 100 mm

B = 130 mm

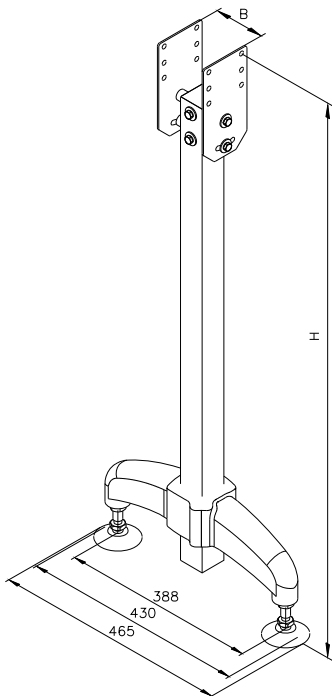
### Ident Nr.

B67.43.004

B67.43.014

for SBF-I rolling curve 180°

The SBF-I needed to support the drive,  
a 150 mm lower stand.



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you need us



Headquarters, Troisdorf,  
Germany

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