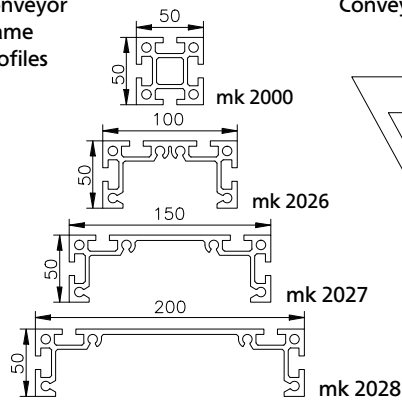


Belt Conveyors

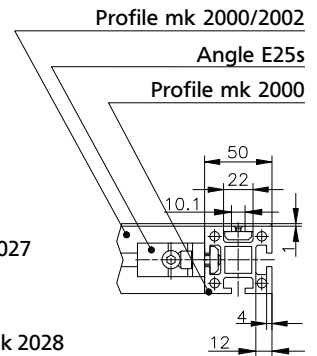
GUF-P 2000



Conveyor
frame
profiles



Conveyor frame cross-section





GUF-P 2000 conveyors are designed and manufactured using our very rigid structural profile system mk 2000, and assembled using standard components. Through this standardization we are able to offer an extremely versatile Belt conveyor with a wide variety of drive and tail options. A large selection of belt types complement the compact frame height of 50 mm and the

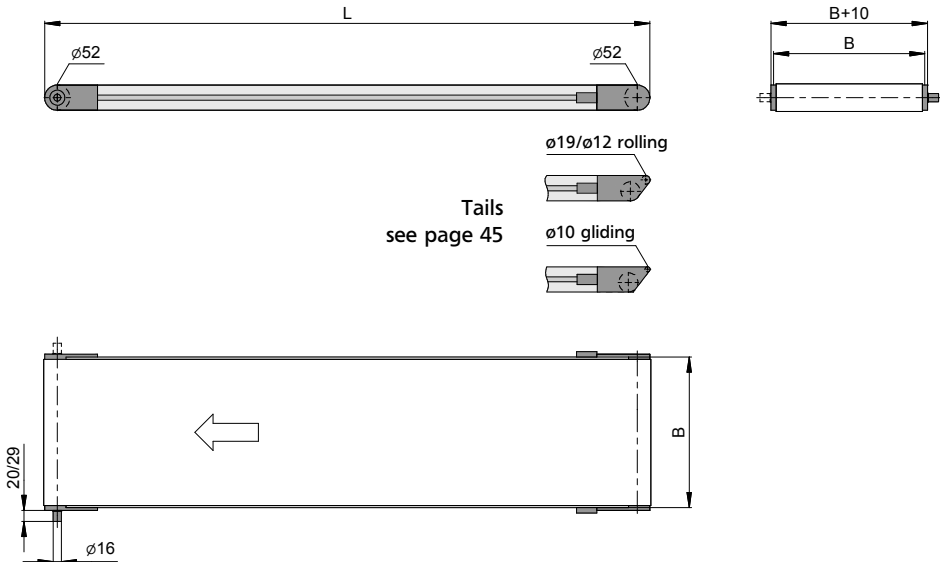
ø 52 mm drive roll, which is available in either a steel or rubberized version depending on the application. All mk belt conveyor systems feature crowned rollers which significantly simplify belt adjustment. Included system T-slots (10 mm opening) run the length of the conveyor frame which can be used for integration into existing equipment as well as for mounting of standard

or customer-specific stands, side rails and other accessories. Additional quality details include a stainless steel slider bed mounted to the conveyor frame which reduces wear on the belt, and sealed ball bearings for overall conveyor life and performance. In addition to the large selection of side rails and stands, stops, diverters, electrical brackets and V-guided belts are also available.

GUF-P 2000 AA

Belt conveyor with head drive without motor

B20.00.009



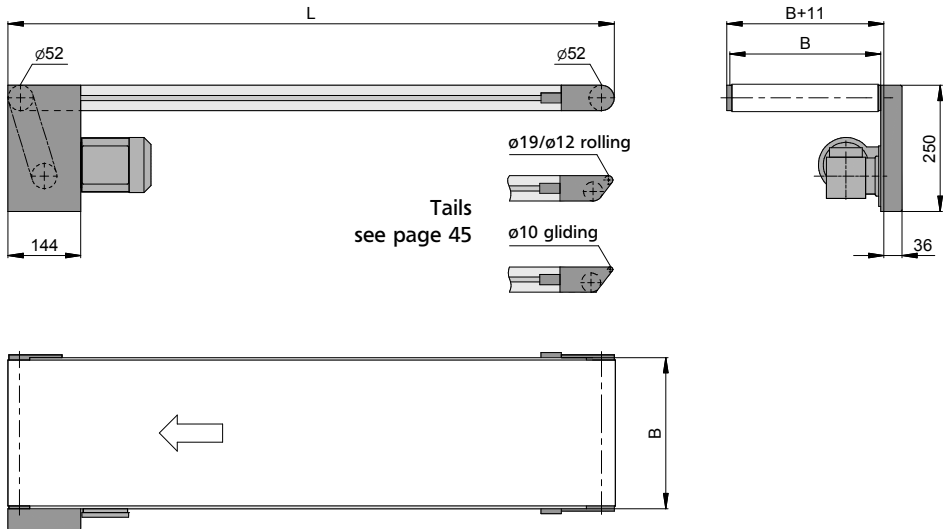
Drive version AA is often used where multiple lanes are to be slave driven, either parallel or in-line, with a single drive motor. The series 50 frame is ideal most general purpose conveying applications. Additional features include a $\phi 52$ mm crowned drive roll, easy belt tracking at the tail end, sealed ball bearings and a stainless steel slider bed fastened to an aluminum T-slot designed frame. Cleated belts may be used with this drive version. The $\phi 16$ mm output shaft has a usable length of 20 mm for chain drive or 29 mm for timing belt drive. Both with a shaft key according to DIN 6885.

	Dimensions – technical information	Notes
Conveyor length L	between 380 – 10000 mm	any increment possible
Conveyor width B	50, 100, 150, 200, 250, 300, 400, 500, 600, 700, 800 mm	others on request
Belt width	B-10 mm	belts see from page 84
Drive and speed	to 80 m/min (260 ft/min)	see chart on page 12
Stands and side rails		see from page 262
Load capacity	total load to 75 kg (165 lbs) section load to 25 kg (55 lbs)/m	see chart on page 20

GUF-P 2000 AC

Belt conveyor with head drive standard

B20.00.002



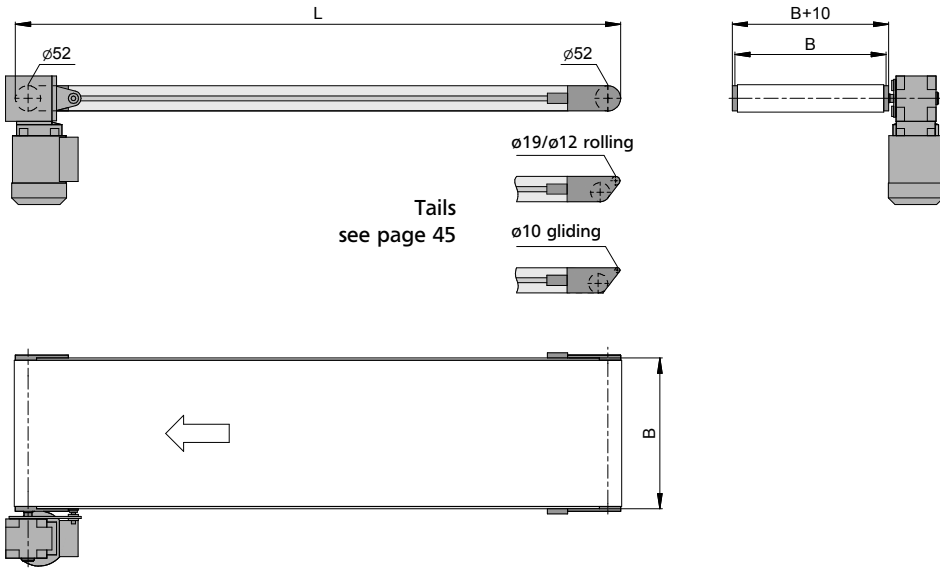
The series 50 frame is ideal most general purpose conveying applications. Additional features include a $\varnothing 52$ mm crowned drive roll, easy belt tracking at the tail end, sealed ball bearings and a stainless steel slider bed fastened to an aluminum T-slot designed frame. Cleated belts may be used with this drive version.

	Dimensions – technical information	Notes
Conveyor length L	between 410 – 10000 mm	any increment possible
Conveyor width B	50, 100, 150, 200, 250, 300, 400, 500, 600, 700, 800 mm	others on request
Belt width	B-10 mm	belts see from page 84
Drive location	discharge side left/right below/above	infeed side on request
Drive and speed	to 80 m/min (260 ft/min)	see chart on page 12
Stands and side rails		see from page 262
Load capacity	total load to 75 kg (165 lbs) section load to 25 kg (55 lbs)/m	see chart on page 20

GUF-P 2000 AF

Belt conveyor with head drive, direct

B20.00.011



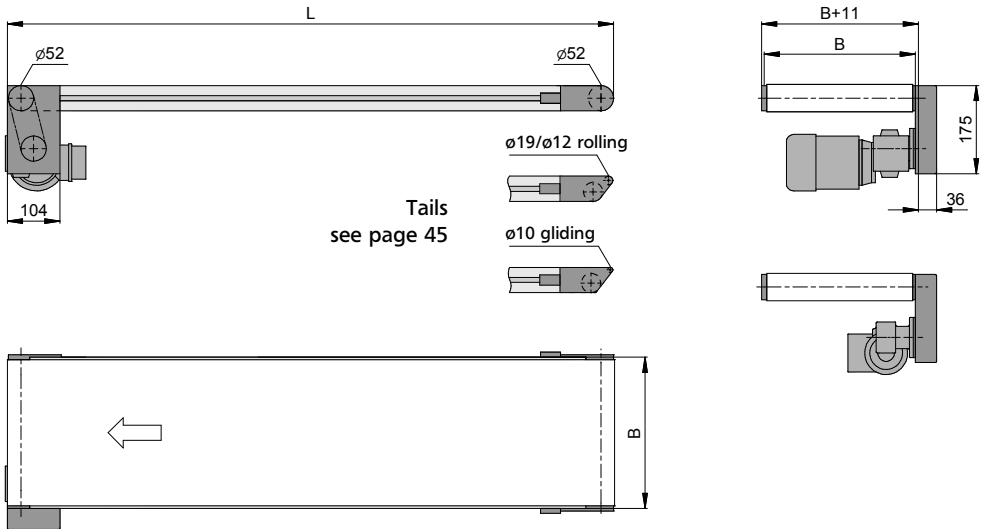
By placing the motor directly onto the drive shaft, this drive version minimizes not only the space required at the drive yet also the number of moving parts and maintenance requirements.

	Dimensions – technical information	Notes
Conveyor length L	between 410-10000 mm	any increment possible
Conveyor width B	50, 100, 150, 200, 250, 300, 400, 500, 600, 700, 800 mm	others on request
Belt width	B-10 mm	belts see from page 84
Drive location	discharge side left/right	infeed side on request
Drive and speed	2.8; 3.6; 4.4; 5.4; 6.5; 7.7; 8.7; 10.9; 12.9 and 14.9 m/min	see chart on page 12
Stands and side rails		see from page 262
Load capacity	total load to 30 kg (65 lbs) section load to 25 kg (55 lbs)/m	see chart on page 20

GUf-P 2000 AG

Belt conveyor with head drive, compact

B20.00.005



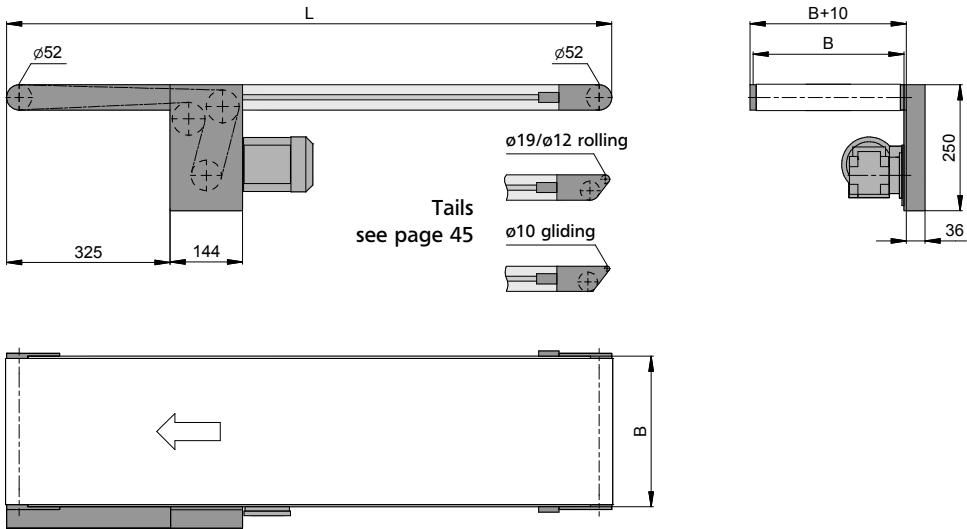
Drive version AG differs from version AC due to the use of small geared motor. The series 50 frame is ideal most general purpose conveying applications. Additional features include a $\varnothing 52$ mm crowned drive roll, easy belt tracking at the tail end, sealed ball bearings and a stainless steel slider bed fastened to an aluminum T-slot designed frame. Drive version AG is also dimensionally more compact than version AC due to the use of parallel shaft gearmotors.

	Dimensions – technical information	Notes
Conveyor length L	between 380-6000 mm	any increment possible
Conveyor width B	50, 100, 150, 200, 250, 300, 400, 500, 600, 700, 800 mm	others on request
Belt width	B-10 mm	belts see from page 84
Drive location	discharge side left/right below/above	infeed side on request
Drive and speed	to $v=15$ m/min (50 ft/min)	see chart on page 12
Stands and side rails		see from page 262
Load capacity	total load to 30 kg AC / 15 kg DC section load to 25 kg (55 lbs)/m	see chart on page 20

GUF-P 2000 AM

Belt conveyor with offset head drive

B20.00.003



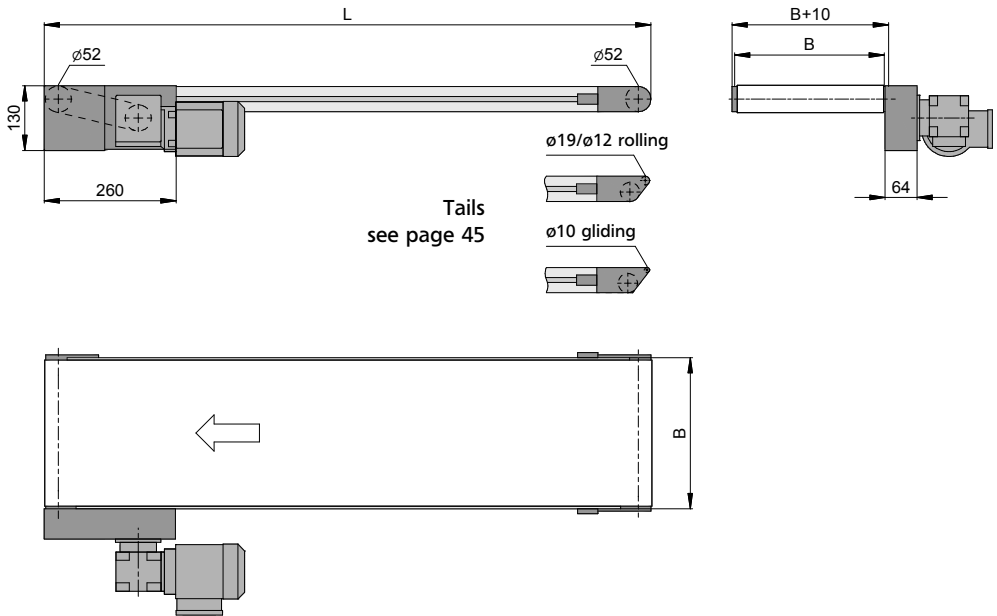
This conveyor is ideal for feeding parts into or out of equipment. Additional features include a $\phi 52$ mm crowned drive roll, easy belt tracking at the tail end, sealed ball bearings and a stainless steel slider bed fastened to an aluminum T-slot designed frame. Cleated belts may be used with this drive version.

	Dimensions – technical information	Notes
Conveyor length L	between 750-10000 mm	any increment possible
Conveyor width B	50, 100, 150, 200, 250, 300, 400, 500, 600, 700, 800 mm	others on request
Belt width	B-10 mm	belts see from page 84
Drive location	discharge side left/right below	infeed side on request
Drive and speed	to 80 m/min (260 ft/min)	see chart on page 12
Stands and side rails		see from page 262
Load capacity	total load to 75 kg (165 lbs) section load to 25 kg (55 lbs)/m	see chart on page 20

GUf-P 2000 AS

Belt conveyor with outside head drive

B20.00.008



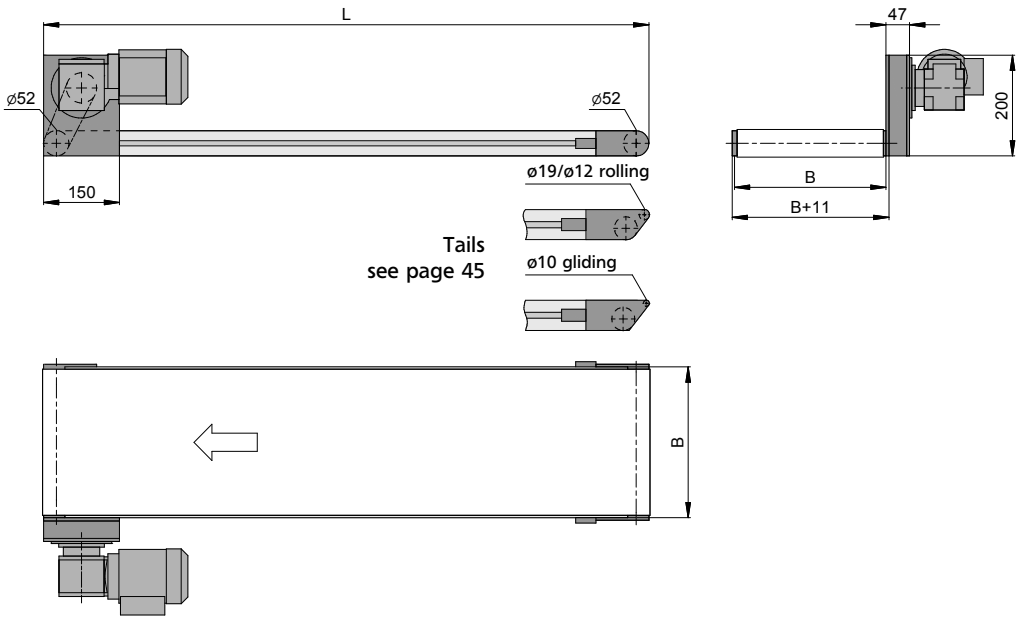
The overall height of the conveyor is held to an absolute minimum. Additional features include a $\phi 52$ mm crowned drive roll, easy belt tracking at the tail end, sealed ball bearings and a stainless steel slider bed fastened to an aluminum T-slot designed frame. Cleated belts may be used with this drive version.

	Dimensions – technical information	Notes
Conveyor length L	between 550-10000 mm	any increment possible
Conveyor width B	50, 100, 150, 200, 250, 300, 400, 500, 600, 700, 800 mm	others on request
Belt width	B-10 mm	belts see from page 84
Drive location	discharge side left/right	infeed side on request
Drive and speed	to 80 m/min (260 ft/min)	see chart on page 12
Stands and side rails		see from page 262
Load capacity	total load to 75 kg (165 lbs) section load to 25 kg (55 lbs)/m	see chart on page 20

GUF-P 2000 AU

Belt conveyor with outside head drive

B20.00.020



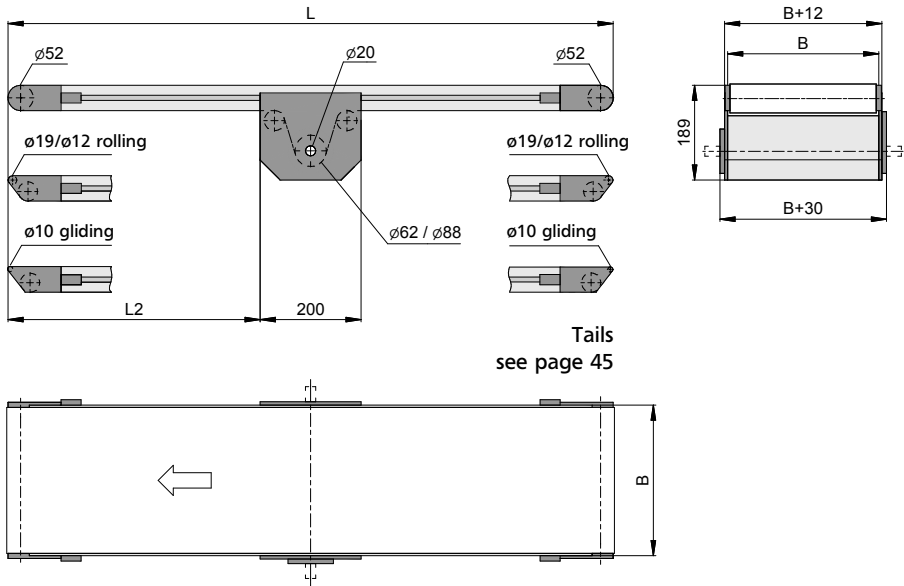
Drive version AU features motor placement outside of the conveyor frame. This is often used in situations where the underside of the conveyor frame must be as unobstructed as possible, or where the motor must remain clean. The conveyor can be placed very close to equipment and transport of tall objects is no problem. Additional features include a $\varnothing 52$ mm crowned drive roll, easy belt tracking at the tail end, sealed ball bearings and a stainless steel slider bed fastened to an aluminum T-slot designed frame. Cleated belts may be used with this drive version.

	Dimensions – technical information	Notes
Conveyor length L	between 430-10000 mm	any increment possible
Conveyor width B	50, 100, 150, 200, 250, 300, 400, 500, 600, 700, 800 mm	others on request
Belt width	B-10 mm	belts see from page 84
Drive location	discharge side left/right below/above	infeed side on request
Drive and speed	to 80 m/min (260 ft/min)	see chart on page 12
Stands and side rails		see from page 262
Load capacity	total load to 75 kg (165 lbs) section load to 25 kg (55 lbs)/m	see chart on page 20

GUF-P 2000 BA

Belt conveyor with center drive without motor

B20.00.001



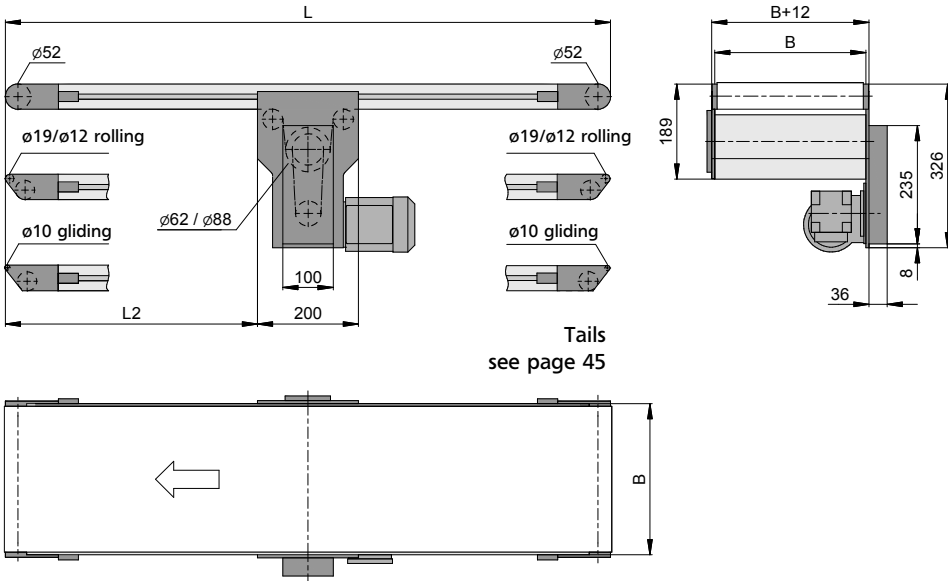
Drive version BA is used primarily when slave driving multiple conveyor lanes in parallel using one drive motor. The compact design, and the ability to move the drive location anywhere along the conveyor frame, simplifies the integration of this conveyor into new or existing equipment. The travel direction is reversible. Configuration of knife edges, both on the infeed side, as well as the discharge side is possible. Use of cleated belts is not possible with this drive version. The drive roll features a $\varnothing 20$ mm hollow shaft with 6 mm keyway (DIN 6885).

	Dimensions – technical information	Notes
Conveyor length L	between 700-10000 mm	any increment possible
Conveyor width B	50, 100, 150, 200, 250, 300, 400, 500, 600, 700, 800 mm	others on request
Belt width	B-10 mm	belts see from page 84
Drive and speed	to 80 m/min (260 ft/min)	see chart on page 12
Stands and side rails		see from page 262
Load capacity	total load to 75 kg (165 lbs) section load to 25 kg (55 lbs)/m	see chart on page 20

GUF-P 2000 BC

Belt conveyor with center drive standard

B20.00.004



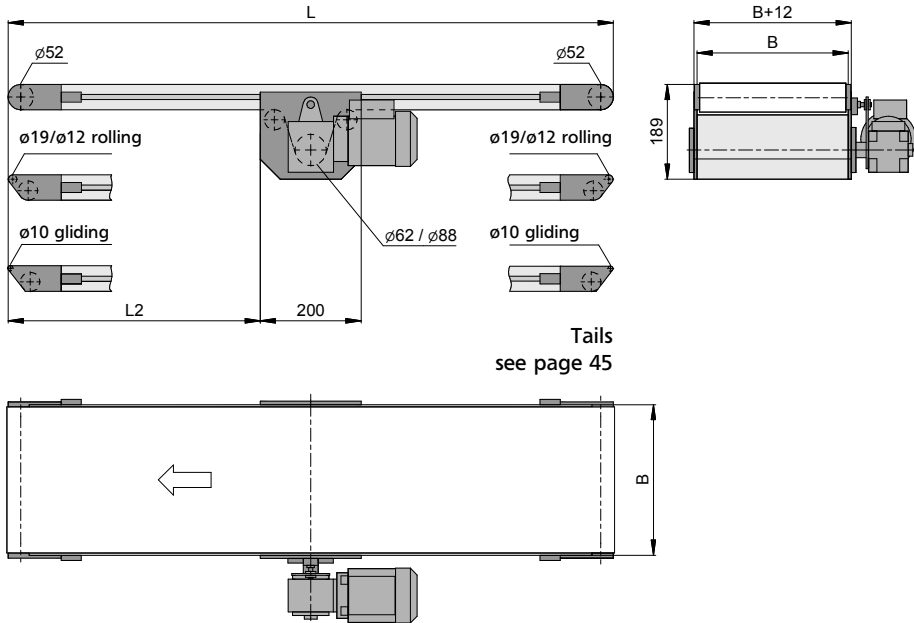
The compact conveyor frame structure, and the ability to move the drive location anywhere along the conveyor frame, simplifies the integration of this conveyor into new or existing equipment. The travel direction is reversible. Configuration of knife edges, both on the infeed side, as well as the discharge side is possible. Use of cleated belts is not possible with this drive version.

	Dimensions – technical information	Notes
Conveyor length L	between 700-10000 mm	any increment possible
Conveyor width B	50, 100, 150, 200, 250, 300, 400, 500, 600, 700, 800 mm	others on request
Belt width	B-10 mm	belts see from page 84
Drive location	left/right below	
Drive and speed	to 80 m/min (260 ft/min)	see chart on page 12
Stands and side rails		see from page 262
Load capacity	total load to 75 kg (165 lbs) section load to 25 kg (55 lbs)/m	see chart on page 20

GUf-P 2000 BF

Belt conveyor with center drive, direct

B20.00.012

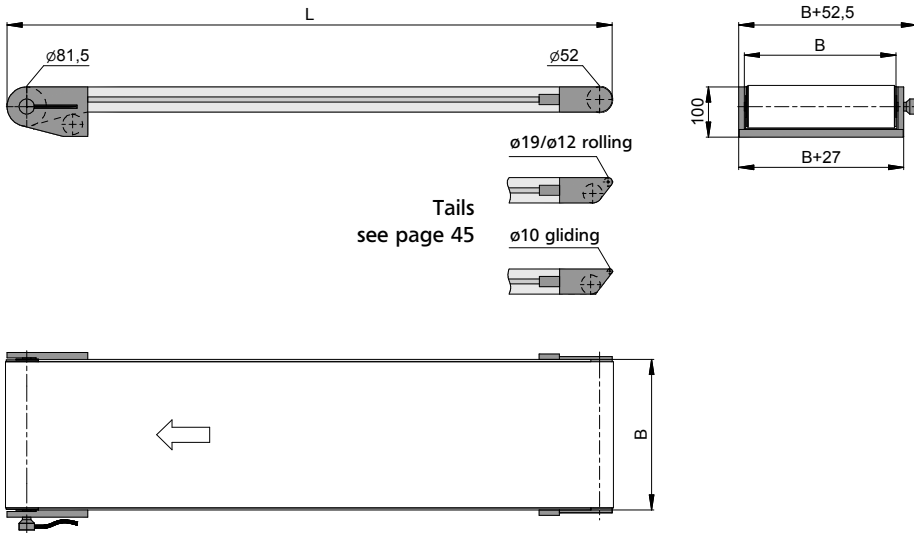


Thanks to the motor fitted directly onto the drive shaft, for this drive version, the spatial requirements and the maintenance effort are reduced to a minimum. The compact design, and the ability to move the drive location anywhere along the conveyor frame, simplifies the integration of this conveyor into new or existing equipment. The travel direction is reversible. Configuration of knife edges, both on the infeed side, as well as the discharge side is possible. Use of cleated belts is not possible with this drive version.

	Dimensions – technical information	Notes
Conveyor length L	between 700-10000 mm	any increment possible
Conveyor width B	50, 100, 150, 200, 250, 300, 400, 500, 600, 700, 800 mm	others on request
Belt width	B-10 mm	belts see from page 84
Drive location	left/right below	
Drive and speed	5; 6,3; 8; 9,5; 11,5; 13,5; 15,2; 19,3; 23; 26; 36,6; 45,7 and 57 m/min	see chart on page 12
Stands and side rails		see from page 262
Load capacity	total load to 75 kg (165 lbs) section load to 25 kg (55 lbs)/m	see chart on page 20

GUF-P 2000 CA

Belt conveyor with drum motor

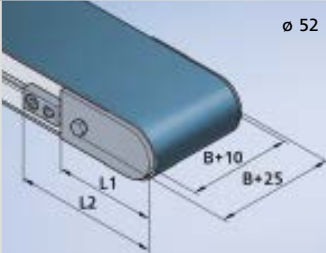
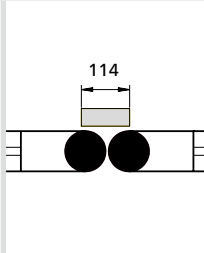


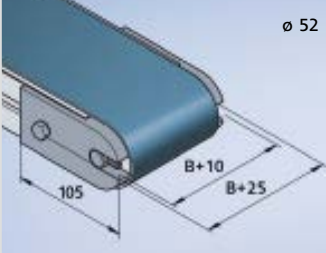
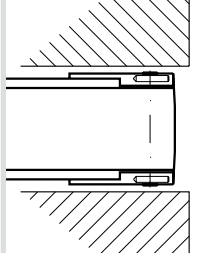
The drive version CA with drum motor is the most compact drive version available for system GUF-P 2000. By integrating the motor within the drive roll itself, there is no mechanical interference. The integration of this conveyor into equipment is therefore relatively simple. Use of cleated belts is not possible with this drive version.

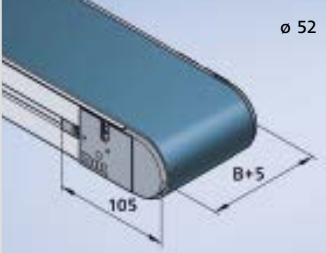
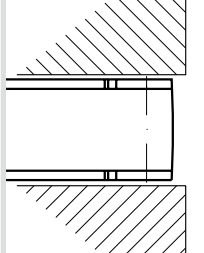
	Dimensions – technical information	Notes
Conveyor length L	between 440-10000 mm	any increment possible
Conveyor width B	200, 250, 300, 350, 400, 500, 600, 700 and 800 mm	others on request
Belt width	B-10 mm	belts see from page 84
Drive location	discharge side left/right	
Drive and speed	to 60 m/min (200 ft/min)	see chart on page 12
Stands and side rails		see from page 262
Load capacity	total load to 55 kg (121 lbs) section load to 25 kg (55 lbs)/m	see chart on page 20

GUF-P 2000

Tails

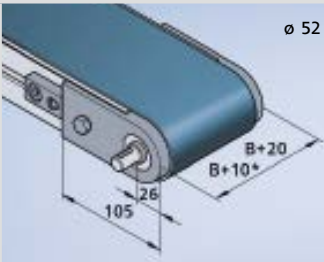
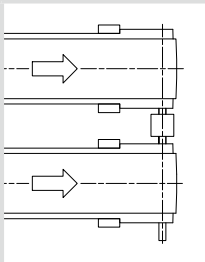
Tail 01		Ident-no. B80.00.001		
		<ul style="list-style-type: none"> ■ \varnothing 52 mm crowned roll ■ Sealed bearings ■ Belt tension and tracking on the side using alignment blocks ■ Minimum part size for transfer 114 mm 		
				
Conveyor lengths L	Conveyor width B	L1	L2	Material roll holder
$\leq 3,000$ mm	≤ 300 mm	105 mm	145 mm	plastic
$\leq 3,000$ mm	> 300 mm	105 mm	145 mm	aluminum
$> 3,000$ mm	≤ 800 mm	155 mm	195 mm	aluminum

Tail 09		Ident-no. B80.00.005		
		<ul style="list-style-type: none"> ■ \varnothing 52 mm crowned roll ■ Sealed bearings ■ Belt tension using roll holders ■ Belt tracking using set screws (from end) ■ Compact tail ■ Minimum part size for transfer 114 mm 		
				
Conveyor lengths L	Conveyor width B	L1	L2	Material roll holder
$\leq 3,000$ mm	≤ 800 mm	105 mm	-	aluminum

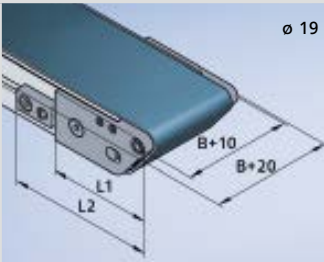
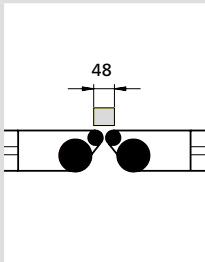
Tail 11		Ident-no. B80.00.007		
		<ul style="list-style-type: none"> ■ \varnothing 52 mm crowned roll ■ Sealed bearings ■ Belt tension and tracking on the side using roll holders (approx. 35 mm free space per side is required) ■ Roll holders flush ■ Compact tail ■ Minimum part size for transfer 114 mm 		
				
Conveyor lengths L	Conveyor width B	L1	L2	Material roll holder
$\leq 3,000$ mm	≤ 800 mm	105 mm	-	aluminum

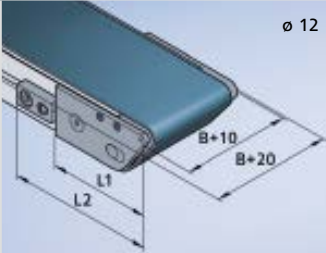
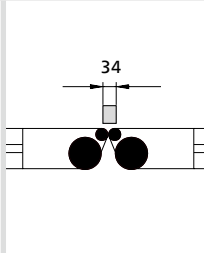
GUF-P 2000

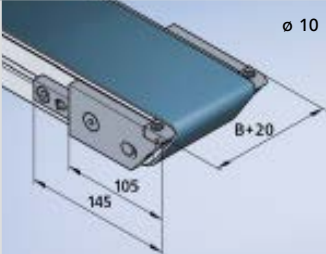
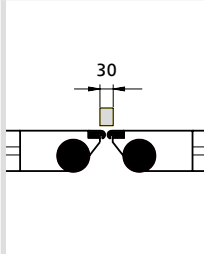
Tails

Tail 19		Ident-no. B80.00.006		
		<ul style="list-style-type: none"> ■ \varnothing 52 mm crowned roll ■ Sealed bearings ■ \varnothing 16 mm output shaft 20 mm long for chain drives or 30 mm long for timing belt drives. Both include a 5 x 5 x 16 mm shaft key (DIN 6885) ■ Coupling of two lanes using one drive ■ Output shaft left, right or both sides possible 		
				
Conveyor lengths L	Conveyor width B	L1	L2	Material roll holder
$\leq 3,000$ mm	≤ 300 mm	105 mm	145 mm	plastic*
$\leq 3,000$ mm	> 300 mm	105 mm	145 mm	aluminum
$> 3,000$ mm	≤ 800 mm	155 mm	195 mm	aluminum

*does not apply for the drive side

Tail 13		Ident-no. B80.00.008		
		<ul style="list-style-type: none"> ■ Rolling nosebar ■ Roll \varnothing 19 mm, sealed bearings ■ Belt tension using alignment blocks ■ Tracking using alignment blocks ■ Minimum part size for transfer 48 mm ■ Note min. pulley diameter when selecting belt 		
				
Conveyor lengths L	Conveyor width B	L1	L2	Material roll holder
$\leq 3,000$ mm	≤ 800 mm	105 mm	145 mm	aluminum
$> 3,000$ mm	≤ 800 mm	155 mm	195 mm	aluminum

Tail 10		Ident-no. B80.00.014				
		<ul style="list-style-type: none"> ■ Rolling nosebar ■ Roll \varnothing 12 mm, sealed bearings ■ Belt tension using alignment blocks ■ Tracking using idler roller (from end) ■ Minimum part size for transfer 34 mm ■ Note min. pulley diameter when selecting belt ■ Max. belt speed 30 m/min (100 ft/min) ■ Max. load capacity of 5 kg per 50 mm conveyor width 				
Conveyor lengths L	Conveyor width B	L1	L2	Material roll holder		
≤ 3.000 mm	≤ 300 mm	105 mm	145 mm	aluminum		
> 3.000 mm	≤ 300 mm	155 mm	195 mm	aluminum		

Tail 17		Ident-no. B80.00.002				
		<ul style="list-style-type: none"> ■ Fixed nosebar ■ Belt tension using alignment blocks ■ Tracking using idler roller (from end) ■ Minimum part size for transfer 30 mm ■ Note min. pulley diameter when selecting belt ■ Max. belt speed 10 m/min (33 ft/min) ■ Requires rubberized drive roller 				
Conveyor lengths L	Conveyor width B	L1	L2	Material roll holder		
≤ 3.000 mm	≤ 300 mm	105 mm	145 mm	aluminum		