

Belt conveyors are the most frequently used group of transport devices in many industries (transport of general cargo, warehouse work, agriculture, food industry and many others). They enable the flow of loads of various shapes and weights, individually packaged products as well as loose, lumpy and lumpy materials. Belt conveyors are designed for both light and heavy work. They enable horizontal or slightly inclined transport of material over distances from several to several hundred meters. These are devices commonly used in mines, landfills, warehouses and production lines.

### PRODUCTION MATERIALS:



CARBON  
STEEL

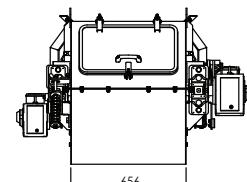
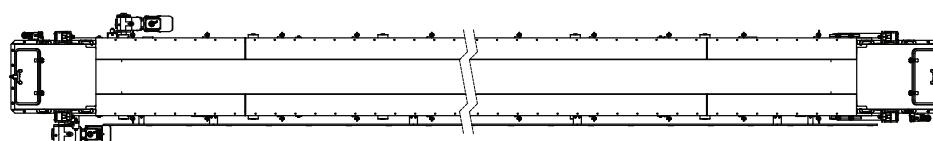
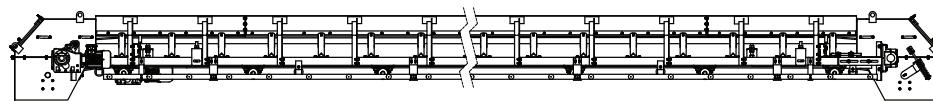
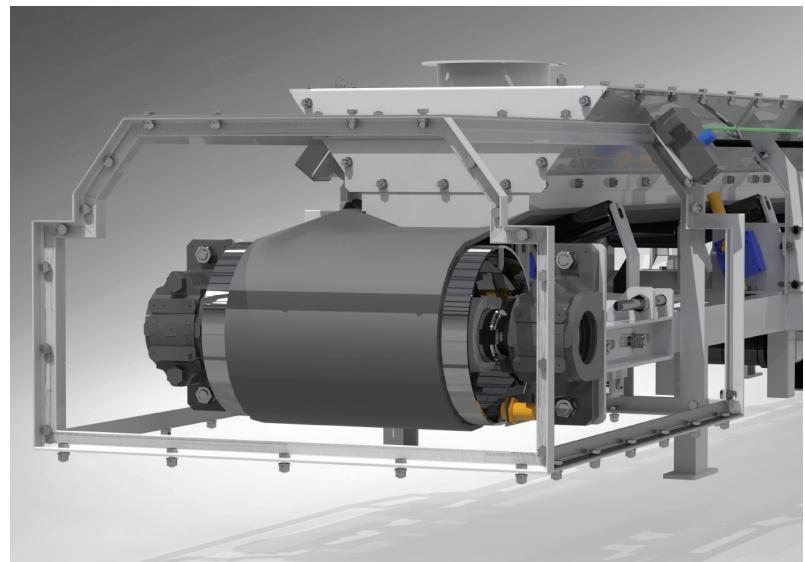


STAINLESS  
STEEL



ACID-RESISTANT  
STEEL

Biko-Serwis belt conveyors are individually selected: to the parameters and physicochemical properties of the transported material, and based on specialized DEM simulations - digital simulations of the flow of bulk materials and powders. We are one of the few European companies implementing this research method.



**BIKO-SERWIS**  
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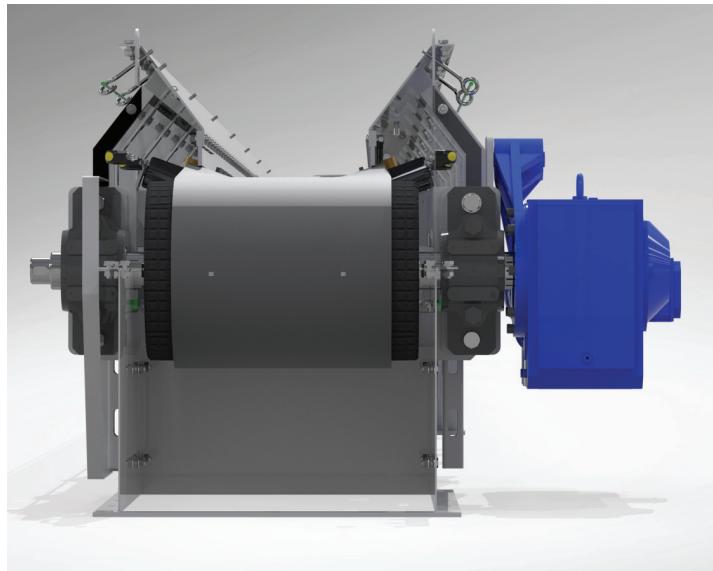
# BELT CONVEYORS / BKBC

## TRANSPORT



### BIKO-SERWIS BKBC BELT CONVEYORS:

are characterized by a solid, compact structure, usually based on a steel frame, and a simple design that allows easy servicing and, if necessary, quick disassembly of individual conveyor elements. The versatility of our devices, a wide range of uses and the highest quality components make them irreplaceable equipment for Your production lines and industrial plants.



## BIKO-SERWIS

Our solutions are designed for continuous operation, equipped with gear motors, rotation sensors, emergency pull cord switches and belt runoff sensors. Electric motors are designed to work with frequency converters. Moreover, their strong construction and isolation of the engine and bearings from the external environment allow the use of such a drive even in difficult conditions - mining workings.

### ADVANTAGES OF USING BIKO-SERWIS BELT CONVEYORS:

- the best option in terms of the ratio of the device's capabilities to its price
- highest quality and exceptional durability of conveyors, quick assembly and delivery
- ability to meet specific customer requirements
- a wide range of tape types allows you to find the optimal solution in relation to the transported material and its properties
- conveyor frame consisting of modular elements enabling easy combination of complementary technologies, which makes it possible to modify the conveyor in the future
- low device failure rate, full 24/7 technical service
- quiet operation and high conveyor efficiency



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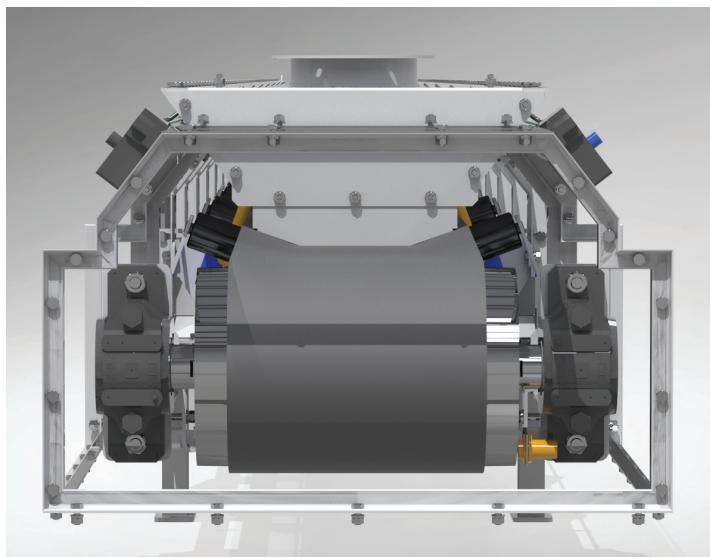
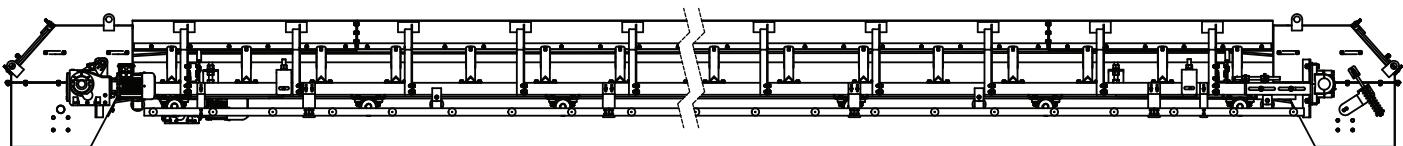
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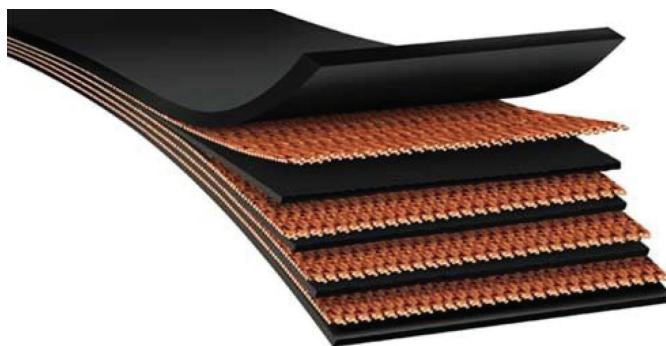
# BELT CONVEYORS / BKBC

## TRANSPORT



**BIKO SERWIS CONVEYORS CAN WORK  
IN ATEX ZONES:**

- 21 (explosive atmosphere in the form of a cloud of flammable dust in the air)
- 22 (explosive atmosphere in the form of a cloud of flammable dust in the air that lasts only for a short time)



### CONVEYOR BELTS:

they are made of flexible material (rubber, caoutchouc, technical fabrics or plastics). Depending on the type of material transported and their working conditions, different types of tapes are used, e.g. reinforced tapes, antistatic, oil-resistant, anti-slip, flame-retardant and flame-retardant tapes, etc.

The conveyor frame is made of steel profiles, on which adjustable pulley supports are mounted (which enable belt run correction), protective sides, chutes, scrapers, cleaning brushes, etc.

The belt can be tensioned by means of screws (on short routes), gravity or using rope winches (on longer routes).

MODEL:	BELT WIDTH:	DROP ANGLE:	INDICATIVE EFFICIENCY:
<b>BKBC 400</b>	400 cm	10 °	40 m3/h
		20 °	50 m3/h
		30 °	60 m3/h
<b>BKBC 500</b>	500 cm	10 °	65 m3/h
		20 °	75 m3/h
		30 °	95 m3/h
<b>BKBC 650</b>	650 cm	10 °	115 m3/h
		20 °	140 m3/h
		30 °	165 m3/h
<b>BKBC 800</b>	800 cm	10 °	180 m3/h
		20 °	220 m3/h
		30 °	260 m3/h
<b>BKBC 1000</b>	1000 cm	10 °	295 m3/h
		20 °	355 m3/h
		30 °	420 m3/h
<b>BKBC 1200</b>	1200 cm	10 °	440 m3/h
		20 °	520 m3/h
		30 °	620 m3/h
<b>BKBC 1400</b>	1400 cm	10 °	600 m3/h
		20 °	730 m3/h
		30 °	860 m3/h
<b>BKBC 1600</b>	1600 cm	10 °	800 m3/h
		20 °	970 m3/h
		30 °	1150 m3/h



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