



# CHAIN CONVEYORS / BKCC

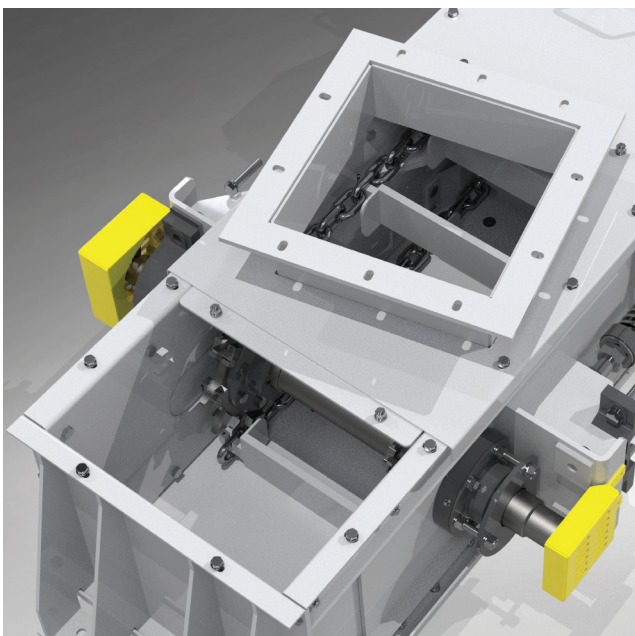
## TRANSPORT



Chain conveyor (also called redler or scraper conveyor) - is a moving type transport device in which transverse elements called scrapers attached to a chain (or chains) move the excavated material continuously to a specific destination.

Chain conveyors are the most resistant to high temperatures and loads, they can operate in transport lines, moving loads from various production areas, they can also connect various technological devices, and they are widely used in industrial processes.

Scraper conveyors are commonly used to transport bulk materials of various fractions, mainly for transporting loads of significant weight and dimensions: biomass, coal, aggregates, slag, lime, gypsum, alternative fuels and materials at elevated temperatures.



They perform well in the most difficult conditions. They are mainly used in mines, waste incineration plants, cement plants, lime plants and the broadly understood food and agricultural industries.



ENVIROMENT  
PROTECTION  
INDUSTRY



CEMENT  
& LIME  
INDUSTRY



FOOD &  
AGRICULTURE  
INDUSTRY



ENERGETIC  
& FUEL  
INDUSTRY



AGGREGATE  
& MINING  
INDUSTRY

Chain conveyors allow you to change the direction of the transported load or transfer it from one transport route to another.

### MATERIAŁ WYKONANIA:



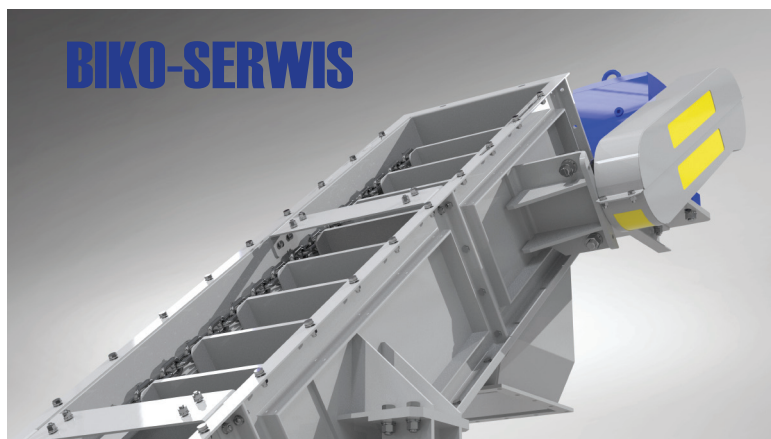
CARBON  
STEEL



STAINLESS &  
ACID-RESISTANT  
STEEL



HEAT-RESISTANT  
STEEL



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## TRANSPORT

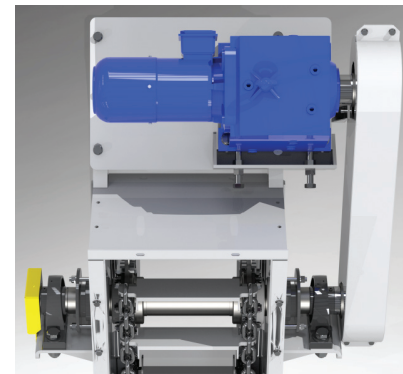
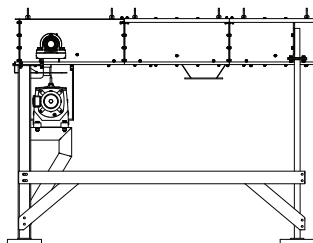


In chain conveyors, material is transported inside the trough using scrapers attached to a chain. The use of double chains guarantees more reliable material guidance. By appropriately selecting the dimensions of the scrapers, the size of the drive and the speed of the scraper, optimal and small transverse dimensions of the transport trough are obtained and a specific efficiency depends largely on the physicochemical properties of the transported material. We offer a wide range of plate-roller chains according to the individual needs of our Customers.

## BIKO-SERWIS



Scraper conveyors have a simple supporting structure, it is possible to precisely adjust the conveyor height. The conveyor supports may have an anti-vibration base. BIKO-SERWIS scraper conveyors are characterized by modern design, high durability, stiffness and efficiency, quiet operation and reliability, high resistance to environmental pollution, simple maintenance and operation. BIKO-SERWIS scraper conveyors also mean high work comfort and safety, without the risk of losing too much cargo.



MODEL:	SCRAPER WIDTH:	CONVEYOR WORKING ANGLE:	SCRAPER SPEED:	APPROXIMATE PERFORMANCE:
BKCC 315	315 mm	<20 ° *	0,3 - 1,0 m/s *	4,0 - 12,0 m <sup>3</sup> /h
BKCC 500	500 mm			6,0 - 15,0 m <sup>3</sup> /h
BKCC 800	800 mm			10,0 - 20,0 m <sup>3</sup> /h
BKCC 1200	1200 mm			15,0 - 35,0 m <sup>3</sup> /h

\* Due to the variable bulk density of the transported material, the variable operating angle of the chain conveyor and the variable speed of the scraper, the table provides theoretical and approximate capacity of the devices, which falls within the ranges presented.



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