

Mechanical Grain Conveying



BCB Belt Conveyors

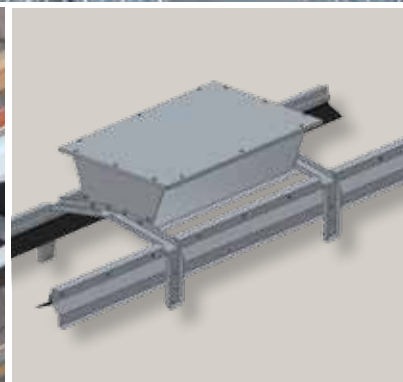
BCB Belt Conveyors



Drive unit with gear motor.



Intake BCB 45.



Movable intake.



Motorized discharge unit for BCB 45.

BCB belt conveyors are used for horizontal or inclined conveying of grain up to 15°. The capacity is up to 80 t/h over 100 m. Capacity is reduced at inclined conveying.

Benefits

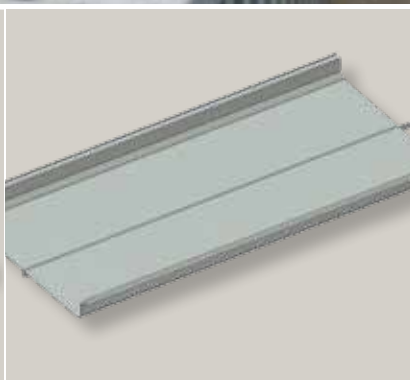
- Modular system that provides flexible solutions based on standard components
- Low energy consumption
- Self-cleaning conveying
- Belt conveyor for 60 and 80 t/hour is galvanized for outdoor installation.
- One-way or two-way conveying.
- Infinite discharge points

Accessories

- Discharge unit, that can be moved lengthwise along the conveyor belt, for discharge on both sides of the belt
- Inlet that can be run on the conveyor
- Cover and dust guard below the belt
- Speed sensor for control of belt speed
- Multiple intakes on the same belt
- Scraper to clean the belt



Cover for BCB 45.



Dust guard below belt conveyor.



Solution with two belts fitted at a 90° angle. The lower conveyor belt can move lengthwise.

	BCB 45	BCB 60	BCB 80
Capacity 700 kg/m ³ 15% H ₂ O, t/hour	45	60	80
Belt speed, m/sec	2.2	2.36	2.36
Belt dimensions † x w, mm	3.2 x 300	5.5 x 400	6 x 500
Material thickness extenders, mm	1.5	2	2
Standard extensions, m	2.0 - 1.0 - 0.33	2.0 - 1.0 - 0.5	
Belt support	Steel trough	Low friction rails	Rollers
Dimension drive rollers Ø, mm	175	300	300
Maximum length, m	50	80	100
Transmission	Belt drive gear	Gear motor	Gear motor
Motor power, kW	2.2 - 4.0	2,2 - 2x4,0	2,5 - 2x3,0