

Mechanical Grain Conveying



KCA Chain Conveyors

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Bevel gear motor provides compact solution.



Extension with side inlet.



KCA chain conveyor for inclined conveying along silo roof



45° angle bend for KCA chain conveyor.

KCA chain conveyors are used for conveying of grain when inclined conveying up to 45° is needed. Capacities from 60 to 120 t/h.

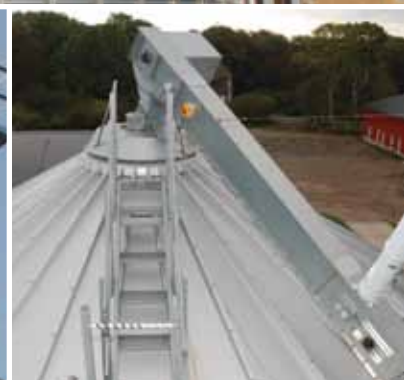
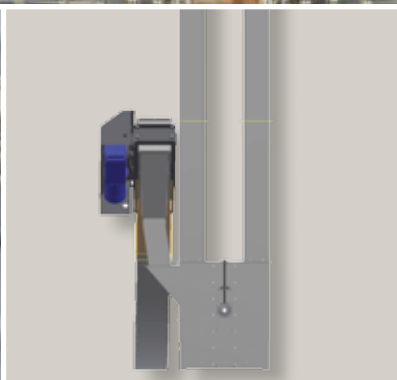
Benefits

- Wide range of standard extension modules
- Galvanized external conveyor surfaces
- Suitable for outdoor installation
- Bevel gear motor means high efficiency and easy installation.
- Low noise levels thanks to PEHD carriers on the conveyor chain.
- Overall length up to 50 m, depending on layout and capacity.
- Extensions with side inlet for horizontal installation in grain pit

Our standard range of straight extensions and angle pieces provides easy solutions to both horizontal and inclined conveying.

Accessories

- 30° and 45° angle sections from horizontal to inclined and inclined to horizontal conveying
- Drive unit with chain tensioner
- Range of standard inlets and outlets
- Manual or motorised intermediate outlet
- Transmission for bucket elevator intakes
- Rain cover for bevel gear motor
- Blockage cut-out switch at drive and return end.



Motorized intermediate outlet.

Drive unit with tensioning section with outlet connected to KBE inlet.

KCA chain conveyor with angle section from inclined to horizontal conveying.

Chain conveyor mounted on silo roof. Rain cover for bevel gear motor

	KCA 60	KCA 80	KCA 120
Capacity 700 kg/m ³ 15% H ₂ O, t/hour	60	80	120
Material thickness extensions, mm	2/3	2/3	2/3
Chain speed, m/sec	0.82	0.77	0.6
Carrier spacing	200	200	250
Extension cross-section w x h	230 x 410	330 x 410	430 x 550
Standard extensions, m	2.97 - 1.27 - 0.67 - 0.37		
Drive unit with chain tensioner	+	+	-
Maximum length, m	50	40	48
Motor power, kW	3.0 - 11.0	3.0 - 11.0	4.0 - 15.0