

Mechanical Grain Conveying



CFG Chain Elevators

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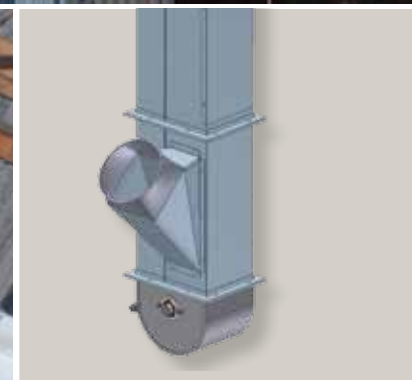
Chain elevator for filling silos.



Chain elevator with side auger on both sides in grain pit.



Elevator head with gear motor.



Inlet directly in the lower section of the chain elevator.

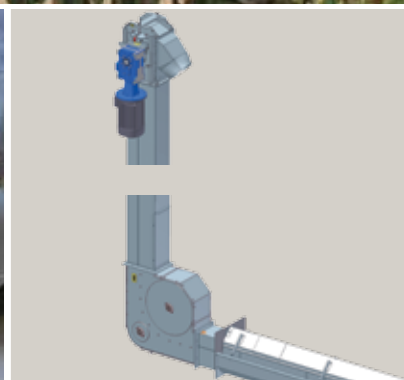
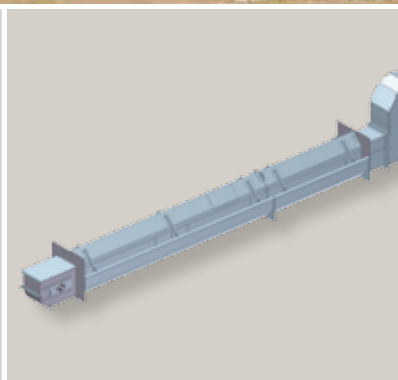
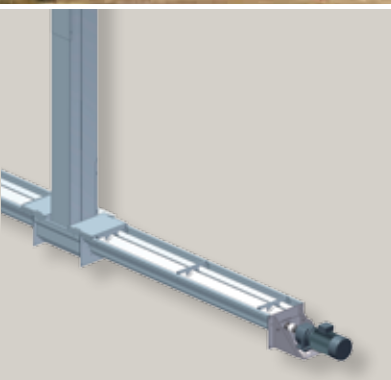
The CFG chain elevator is an excellent solution for conveying capacity requirements of 20-40 t/h. CFG chain elevator can be adjusted for conveying at all inclinations from horizontal to vertical.

Solutions with

- Trough inlets
- Side auger connected to elevator boot
- Side auger with motor at elevator boot
- Motor in end of side auger
- Closed elevator base, inlet on downpipe shaft
- 90° angle
- 45° angle

Benefits

- Flexible modular system which offers many options for conveying solutions
- Single motor for horizontal and vertical conveying
- Galvanised surfaces for outdoor installation
- Gear motor or belt drive
- Rain cover for motor
- Open auger troughs for grain pit. Closed auger troughs for horizontal conveying.
- Low inlet height
- Standard range of connection pipes
- Guy wire system permits up to 15 m between supports indoors and 10 m outdoors for horizontal conveying.



Side auger with gear motor connected to the elevator boot.

Extensions with side inlet to CFG chain elevator/conveyor.

Chain elevator with 45° angle. Drive section with belt drive

Chain elevators for horizontal and vertical conveying. Side inlets for horizontal section.

	CFG 20	CFG 40
Capacity 700 kg/m ³ 15%H ₂ O, t/hour	20	40
Material thickness extensions, mm	1.5	1.5
Elevator shaft dimensions w x d, mm	164 x 278	228 x 278
Chain speed, m/sec	1.6 - 1.75	1.6 - 1.75
Standard extensions, m	2.5 - 2.0 - 1.0 - 0.25 - 0.125	
Outlet connection	OK 160	OK 200
Overall length (maximum vertical + horizontal), m	20	20
Motor power, kW	1.5 - 5.5	1.5 - 5.5