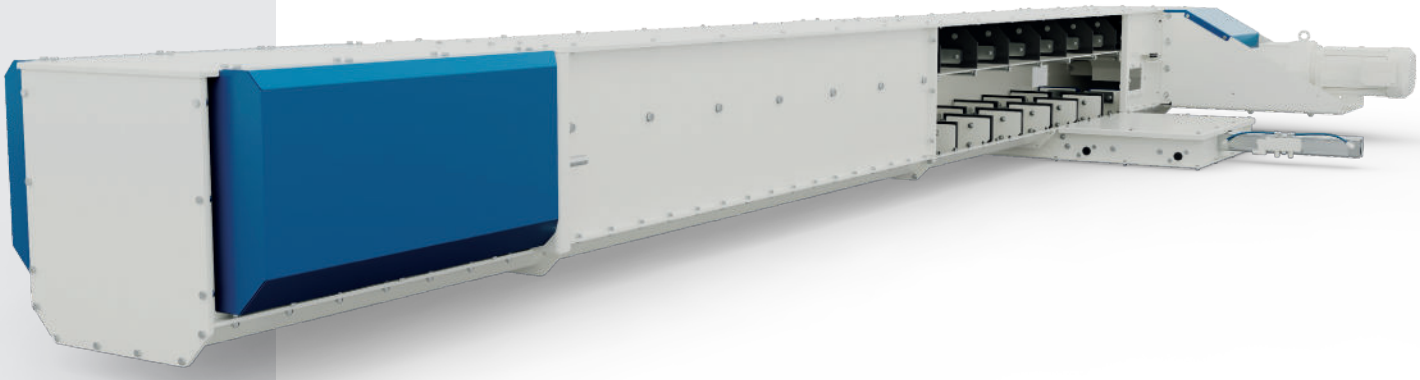
OTTEVANGER
PROCESS SOLUTIONS
SINCE 1909

Hexagon Conveyor

Technical Datasheet



Geared drive units with flexible coupling

Product overflow detection

Guide strip (C45) on the intermediate floor

info@ottevanger.com | +31 (0)73 549 84 72 | www.ottevanger.com

Hexagon Conveyor

> Specially designed to efficiently transport flowing bulk materials with highest demands.

The innovative Hexagon Conveyor is specially designed to efficiently transport flowing bulk materials with highest demands regarding low residue and cross contamination in combination with high capacity.

The Hexagon Conveyor comes in two sizes, with the larger one capable of handling around 190 cubic meters per hour. Both types of conveyors can be constructed with a maximum length of 55 meters.

	Capacity (m^3/h)			
	0,3 (m/s)	0,4 (m/s)	0,5 (m/s)	Trough internal width (mm)
Type	Max	Max	Max	
320 HC	86	115	144	320
420 HC	114	152	190	420

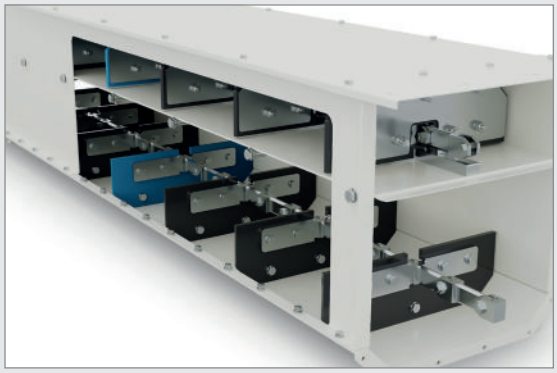
* Example 1: a 20 m long conveyor will only contain 0,05 Liter (!) of non-sticky powder after a full cleaning cycle of 40 m.
Example 2: even ten times less based on finished product size 6 mm or bigger.

Features

- Fully enclosed design
- Notable blue cleaning flight, every 3 meters
- Geared drive units with flexible coupling
- Guide strip (C45) on the intermediate floor
- Drop forged chain
- Sprocket with interchangeable Hardox® teeth segments
- Product overflow detection
- Speed sensor
- Chain tensioning system
- Primer and paint finish
- Low residu bottom section*
- Low residu recirculation system at the drive*
- Low residu tension side*
- Inclination up to 35 degrees (with reduced capacity)
- Transport on intermediate section (up to 4-10 m depends on product)
- Very suitable by multiple outlets

Special executions

- All-weather execution
- ATEX 22 Zone drive unit
- Intermediate outlet slides
- Spotfilter
- Executed in AISI 304
- Executed in galvanized S235 steel



For more information, visit our website.

info@ottevanger.com | +31 (0)73 549 84 72 | www.ottevanger.com