

CHAIN CONVEYORS TYPE HT

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Trough chain conveyors for transporting floury, grainy and lumpy bulk materials horizontally or on a slight upward incline.

Starting with our standard modular-system we adapt the chain conveyor to the product properties, the installation option and the process requirements.



Brief description of HT chain trough conveyors

Space-saving bevel geared motor in plug-in version

Less carryover, as the pushers scrape the trough completely

No gaps in the trough, since it is folded from a single piece

Return end with low dead space, as the tensioning device is integrated in the drive end

Pushers and return rollers made of white polyethylene 1000, FDA-compliant for foodstuffs

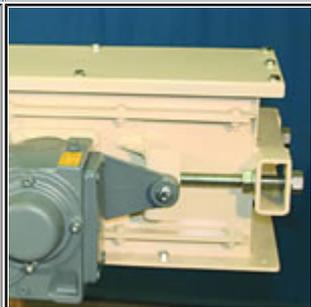
Troughs painted outside and untreated inside, alternatively spray galvanised or made of stainless steel

Overflow valve with safety switch and inspection window

Type HT chain trough conveyor technical data

Chain conveyor		KF170HT
Trough width	mm	170
Intended JACOB pipework Ø	mm	150
Capacity data		
Max. fill height	mm	130
Nominal capacity at 0.75 t/m ³ of grain at 0.45 m/s (66 rpm) up to max. length of 27 m and 2.2 kW	t/h	20
Nominal capacity at 0.5 t/m ³ of flour at 0.35 m/s (50 rpm) up to max. length of 43 m and 1.5 kW	t/h	10
Material thicknesses		
Trough	mm	3
Cover	mm	2

Chain		
Chain breaking force	N	18.000
Chain pitch	mm	41,4
Sprocket wheel, number of teeth		10
Weights of the elements with chain		
Drive end with geared motor and without material to be conveyed	kg	43
Return end without material to be conveyed	kg	21
Trough empty	kg/m	30
Trough at max. fill height with 0.75 t/m ³ of grain	kg/m	48

Return end with low dead space	Take-up end	Conveying chain
 <p>[1]</p>	 <p>[2]</p>	 <p>[3]</p>

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