

BS Vertriebsbüro GmbH

Silo-Anlagenbau - "Your specialist in silo components"

Pillauer Str. 2 · D-74336 Brackenheim
Fon ++49 (0)7135 12409 · Fax ++49 (0)7135 933599
e-mail: info@bs-vertrieb.de

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Pipe Screw Conveyors

- [Pipe Screw Conveyors](#)
- **Tube Chain Conveyor**
- [Cubic Chain Conveyor](#)
- [Flexible Spiral Conveyor](#)

Tube Chain Conveyor

Advantages:

- Transport of dusts, granular materials, powders, sludges
- Transport distances up to 55 m horizontally or 35 m vertically in one conveyor
- Modular construction i.e. parts are common to many different configurations
- Minimal product retention in the conveyor
- Self cleaning system including assisted feeding inlet(s) and outlet(s)
- Sealed transport of dust, gas and materials under pressure (certified)
- Versatile routing
- Low wear rates
- Contains the pressure wave of an explosion and contains flame front (certified)
- Low consumption of nitrogen (where use required)
- Low energy-consumption
- Low maintenance costs
- Low space requirements
- Gentle handling
- Minimal product degradation to granular materials
- Will start up empty or with full load



Further equipment: Switch cabinet, frequency inverter, brushes, shaker, air jets, cleaning discs, slide valves flat version and upright version, dump valve, rotary valve, crusher, screw conveyors, docking devices, etc.

Type of drive: Shaft mounted gearbox (parallel shaft or helical wheel), chain drive

Tube casing DIN 2458

Can be manufactured from: ST 37-2 / 1.4301 (304 S) / 1.4571 (320 S 31) / 1.4541 (321 S 31) / PE - Basalt or ceramic lining

Tube bend DIN 2458

Flange DIN 2573 / PN 6

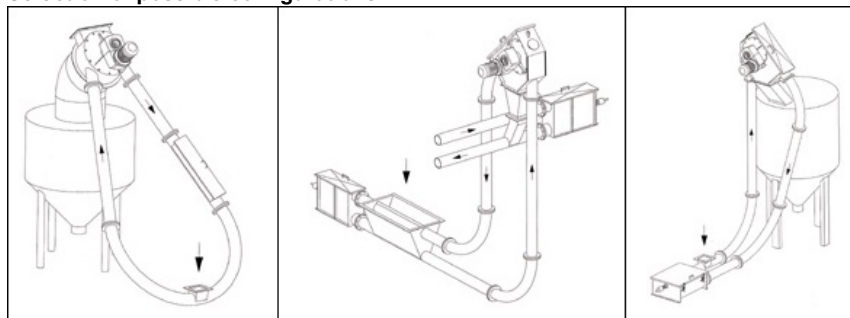
Conveyor Capacity Options			
Q (m ³ /h)	Q (m ³ /h)	P (kW)	V (m/s)
Typ 115L			
0,45		0,25	0,02
1,00		0,37	0,05
2,30		0,75	0,12
3,20		1,10	0,17
4,70		1,50	0,24
7,00		2,20	0,38
Typ 160	Typ 200		
1,36	2,13	0,55	0,020
2,70	4,26	0,75	0,040
4,50	7,03	1,50	0,070
5,70	8,90	2,20	0,090
9,50	14,90	2,20	0,150
12,50	19,50	4,00	0,200
16,40	25,50	4,00	0,260
20,50	31,90	5,50	0,320
23,20	36,20	5,50	0,360
28,70	44,70	7,50	0,450
Typ 270			
15		3,0	0,09
30		5,5	0,22
45		7,5	0,35
60		11,0	0,42

The conveying capacities are theoretical, calculated using a 100 % fill rate and 50 Hz.

Please click for:

→ [Drawing and Dimensions](#)

Selection of possible configurations:



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