

Trough screw

Applications

Industry:

Foodstuffs, Chemicals, Pharmaceuticals, Biomass, Plastics, Paper, Pet food, Cement, Sugar and many others.

Advantages:

Easy to clean and inspect; low maintenance; dust-free production; long service life.

- Sealed system
- Can be closed off with quick-locks (optional)
- Tried and tested concept

Versions:

Double shaft systems; spring bottoms; hinging covers; can be set up from horizontal to vertical. Version with brushed finish etc. Our experts are always ready to answer your questions.

Description

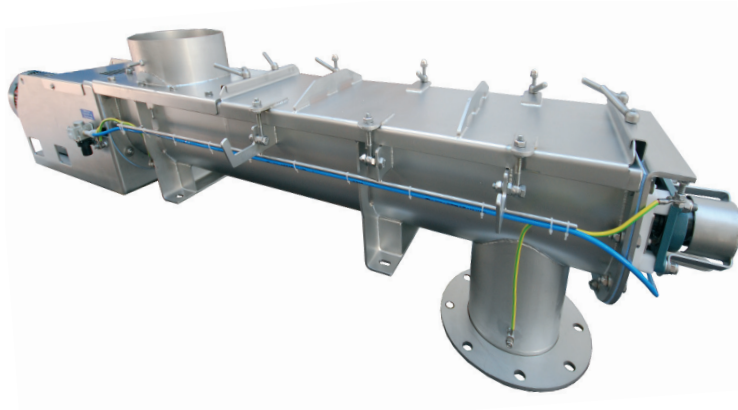
The term 'low maintenance' also applies to the trough conveyor. A transport principle used all over the world, with an excellent price/quality ratio. It has a wide variety of uses, especially in the foodstuffs industry. There are angled variants from 0 to 90 degrees. With angles over 30 degrees, special covers are used to prevent the product flowing back. We can also deliver with ATEX certification.

Options:

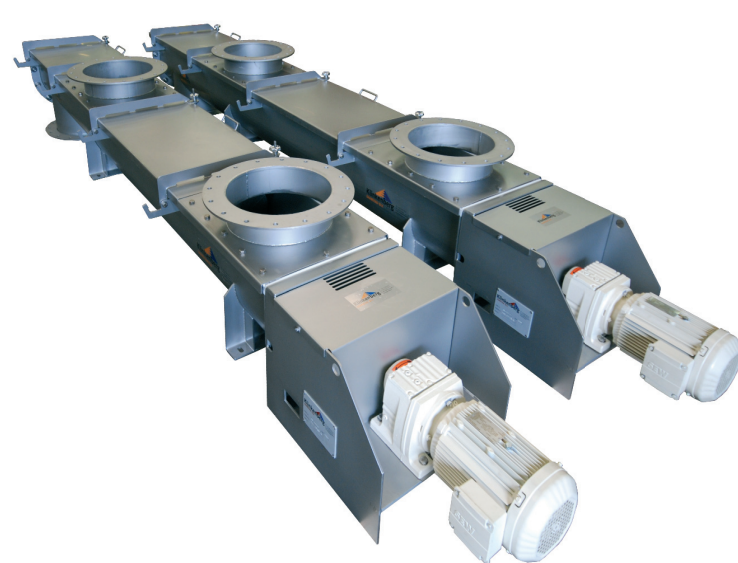
Mobile frame; limited pre-mixing; weighed versions. Screw conveyors are available in standard, hardened or stainless steel.

Application:

Klinkenberg's trough conveyors are used in many industries. Examples are the foodstuffs, chemical, pharmacy, animal feed, and sludge processing industries.



Trough conveyor with compressed air connection at the shaft seals

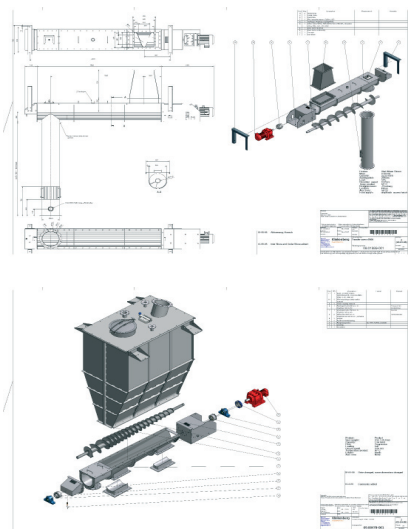


Trough conveyor with twin inlet



Trough conveyor in ST 37 steel

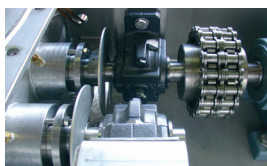
3D Engineering



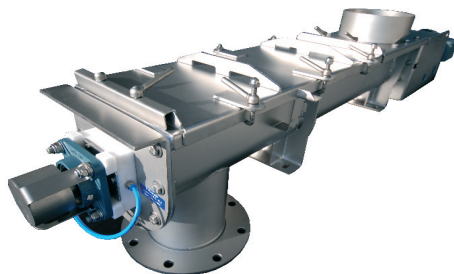
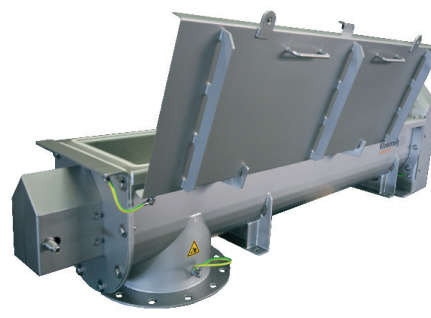
Data

Model	Max. Length	Capacity	Material
TS-250	5000 mm	500 / 3000 l/h	CS / RVS
TS-300	6000 mm	1000 / 5000 l/h	CS / RVS
TS-385	6500 mm	1500 / 10000 l/h	CS / RVS
TS-485	8000 mm	2500 / 20000 l/h	CS / RVS
TS-585	10000 mm	6000 / 50000 l/h	CS / RVS

Versions: / Options



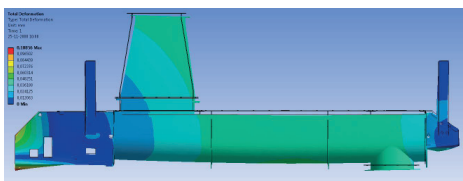
Trough conveyors for the foodstuffs industry can be cleaned quickly via hinging lids



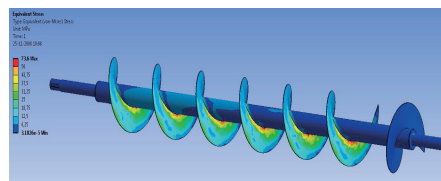
Trough conveyor with hinging lids that are 100% dust-tight. There is an internal overpressure of 200 Mbar



Trough conveyor fitted with overflow prevention device suitable for foodstuffs



Strength calculation for trough conveyor



Strength calculation for screw shaft