

Screw Conveyor

An independent component used by all the discharge units with flexible controls to suit each individual application.

Design characteristics

- conical and progressive pitch
- flanged bearings or pedestal bearings with stuffing box

Applications

- dosing / transport / discharge / blending

Customer advantages

- trough construction allows for good accessibility
- closed transport unit
- bulk material will be discharged over the whole length
- easy to maintain
- precise dosage control

Technical data

• discharge capacity	1 - 500 m ³ /h
• discharge capacity	single 2 - 1.000 m ³ /h
• discharge capacity	tandem
• dosage precision	up to $\pm 3\%$
• driving power	0.55 to 55 kW
• dimensions	
trough length	1,000 up to 12,000 mm
trough width	230 up to 1,100 mm (tandem 2,000mm)
diameter	300 up to 925 mm
• weight	500 up to 5,000 kg
• controls	thermal sensor / funktion
• wear protection	as an option, specially tailored tot he application and the bulk material, for example different stainless steels, Hardox, wear protection welding, Infinite Shield (ceramic)
• execution	CE declaration of conformity ATEX: standard no ex-qualification alternatives: inside: zone 22 and outside: no zone (Ex II 3/-D) inside and outside: zone 22 (Ex II 3/3 D) inside zone 21 / outside: zone 22 (Ex II 2/3)

