

## Screw Conveyor

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

### Design characteristics

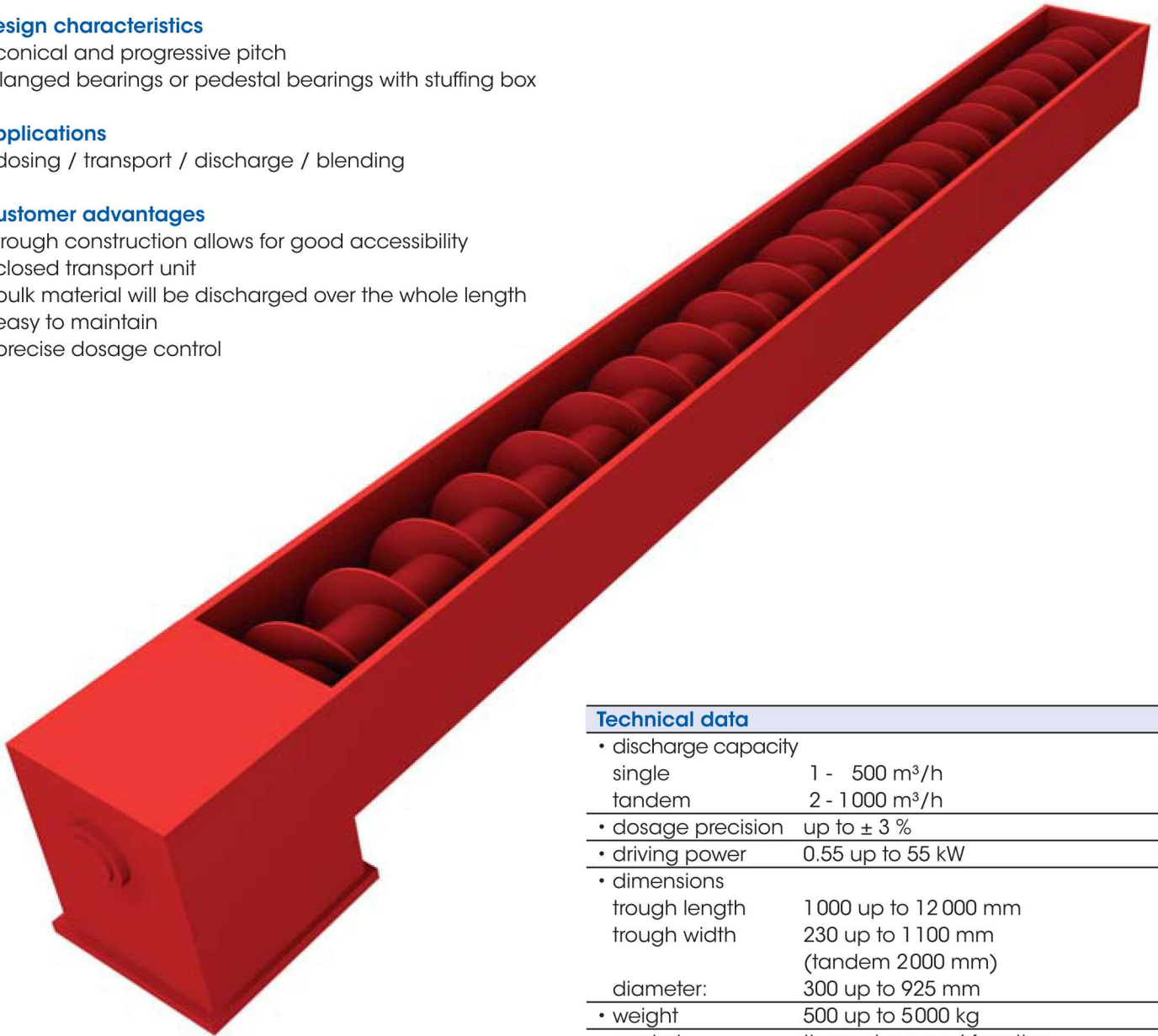
- conical and progressive pitch
- flanged bearings or pedestal bearings with stuffing box

### 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	
single	1 - 500 m <sup>3</sup> /h
tandem	2 - 1 000 m <sup>3</sup> /h
• dosage precision	up to ± 3 %
• driving power	0.55 up to 55 kW
• dimensions	
trough length	1 000 up to 12 000 mm
trough width	230 up to 1 100 mm (tandem 2000 mm)
diameter:	300 up to 925 mm
• weight	500 up to 5 000 kg
• controls	thermal sensor / function
• wear protection	as an option, specially tailored to the 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 D)