

# Dosing screw

## Applications

### Industrie:

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

### Advantages:

Compact; very suitable as topping off system with volumetric and gravimetric dosing equipment. Low maintenance; dust-free production; long service life. Ability to handle large capacities to guarantee the shortest possible topping off time. Measuring out sluggishly flowing products

- Serves as buffer
- Can be closed off with quick-locks (optional)
- Extraction attachment (optional)
- Tried and tested concept

### Versions:

Double shafts, overhead valve, spring bottoms, brushed steel finish etc. Any other questions? Our sales staff will be happy to provide you with all the information you need.

## Description

The dosing screw does what it is designed to do, under all circumstances and with every imaginable product. The dosing screws are available in completely gas-tight versions for dosing very fine or hazardous powders and granulates. This means that hazardous vapours and noxious odours remain inside the system! It can be made in stainless steel or other materials, including wear-resistant materials. We can also deliver with ATEX certification.

### Options:

Mobile frame; limited pre-mixing; weighed versions etc.

### Application:

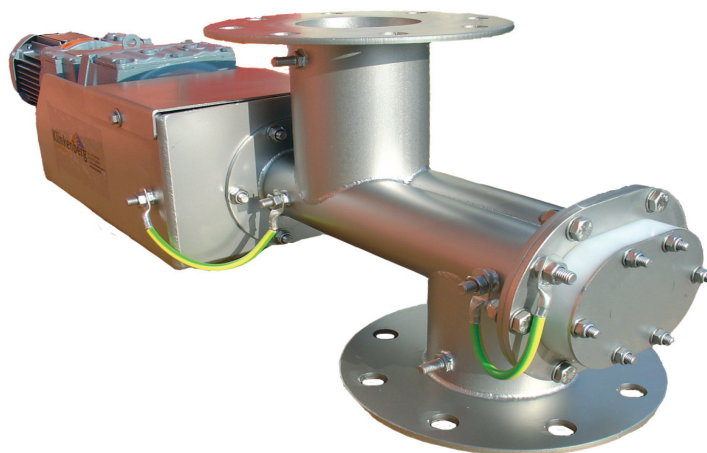
Klinkenberg's dosing screws are used in many industries, such as the foodstuffs, chemical, pharmacy, animal feed and plastics industries.



1,000-litre hopper with dosing screw. Dosing screw measuring out to right and left

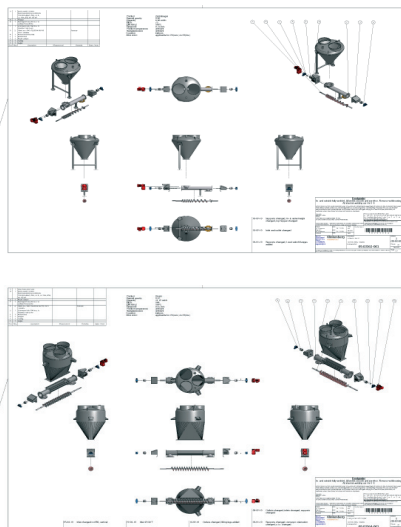


1500-litre hopper with dosing screw measuring out to right or left



Dosing screw with two screw shafts in self-cleaning version.

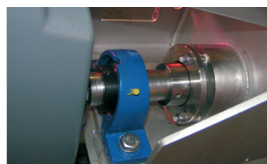
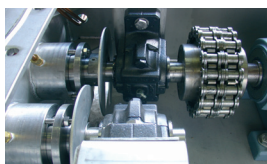
## 3D Engineering



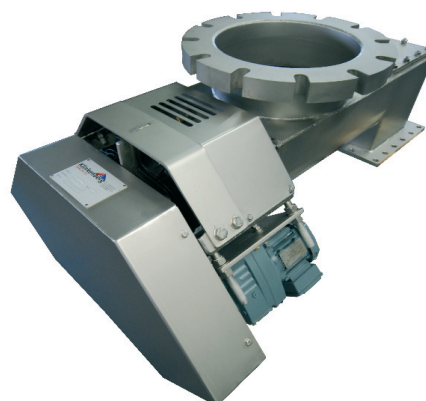
## Data

| Model          | Max. Length | Capacity         | Material |
|----------------|-------------|------------------|----------|
| <b>KDS-100</b> | 1500 mm     | .... / 1500 l/h  | CS / SS  |
| <b>KDS-150</b> | 2500 mm     | 500 / 3000 l/h   | CS / SS  |
| <b>KDS-200</b> | 3500 mm     | 1000 / 5000 l/h  | CS / SS  |
| <b>KDS-250</b> | 4000 mm     | 2000 / 7000 l/h  | CS / SS  |
| <b>KDS-300</b> | 5000 mm     | 2000 / 10000 l/h | CS / SS  |

## Versions: / Options



Measuring out sugar, cocoa and starch in completely sanitary conditions



Mass-flow dosing of wooden pallets from torrefaction process. Purpose-designed to guarantee a mass flow process.



Dosing screw with bearings on one side.  
Dosing of 80m<sup>3</sup>/hour to ring dryer



Buffering and dosing from 3 m<sup>3</sup> hopper