

## Rotating Screw

The discharge unit for dry/semi-dry difficult to handle bulk materials. The manufacture of the screw is dependent on the bulk material – scarifiers, screw pitch, construction size 1,450 mm diameter with two screws possible.

### Design characteristics

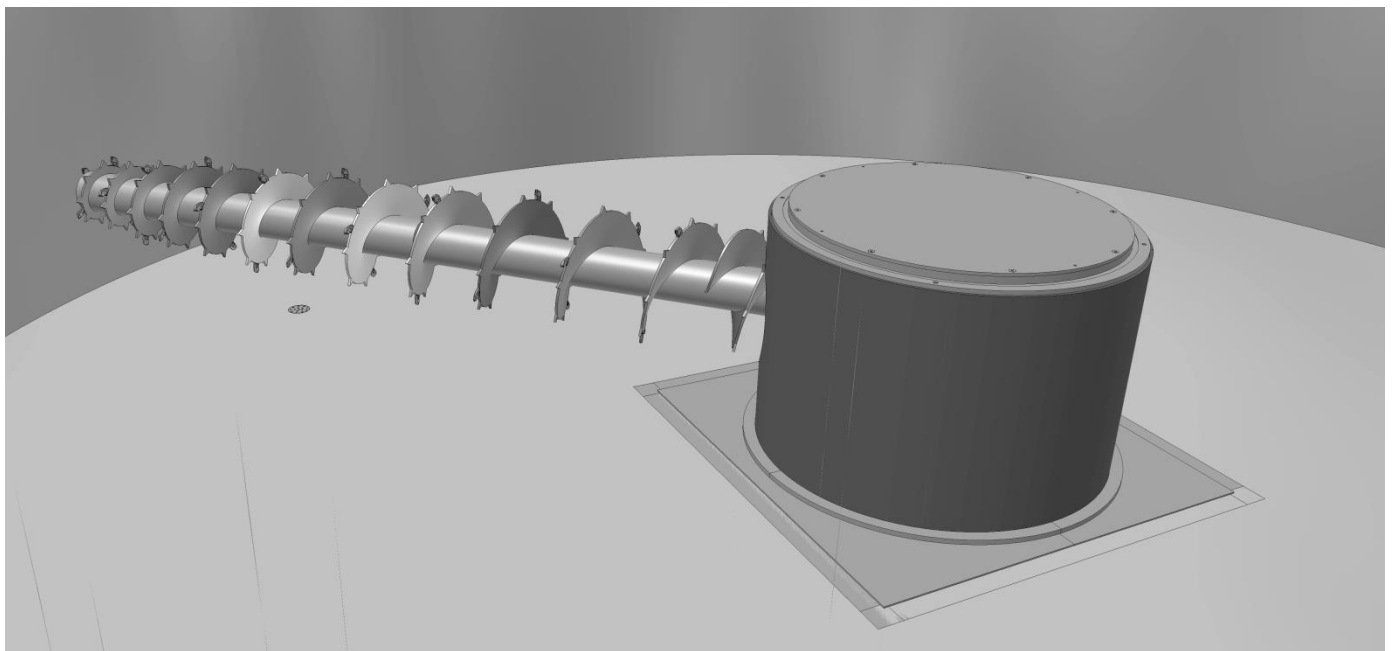
- cantilever design
- robust construction
- cone screw axis
- screw bearing independent of rotating tower bearing
- wing with scarifiers

### Customer advantages

- high availability with very robust construction
- continuous bulk material feeding over the whole silo cross section
- easy assembly and maintenance

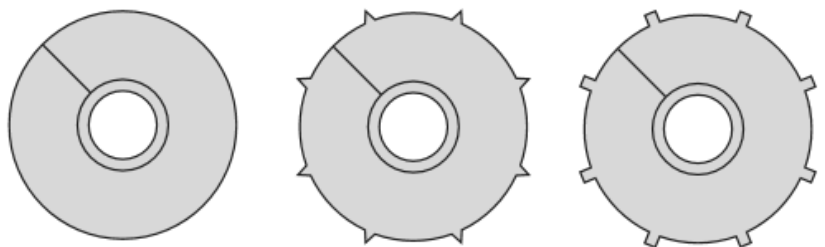
### Applications

- bulk material reception
- bulk material intermediate storage



### The manufacture of the screw wings depends on the bulk material.

To guarantee an optimum discharge, our rotating screws will be supplied with screw wings which are specially adjusted to the bulk material.



Technical data				
• discharge capacity	0 up to 400 m³/h			
• discharge unit	screw adjusted to the bulk material			
• driving power	3 up to 200 kW			
• dimensions				
silo	Ø up to 8,000 mm	Ø up to 12,000 mm	Ø up to 15,000 mm	Ø up to 25,000 mm
tower	Ø 900 mm	Ø 1,450 mm	Ø 2,100 mm	Ø 3,100 mm
number of arms	1	1 / 2	1	1
• weight	approx. 4 up to 24,6 t			
• controls	motor temperature / overfilling sensor / central lubrication			
• 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)			