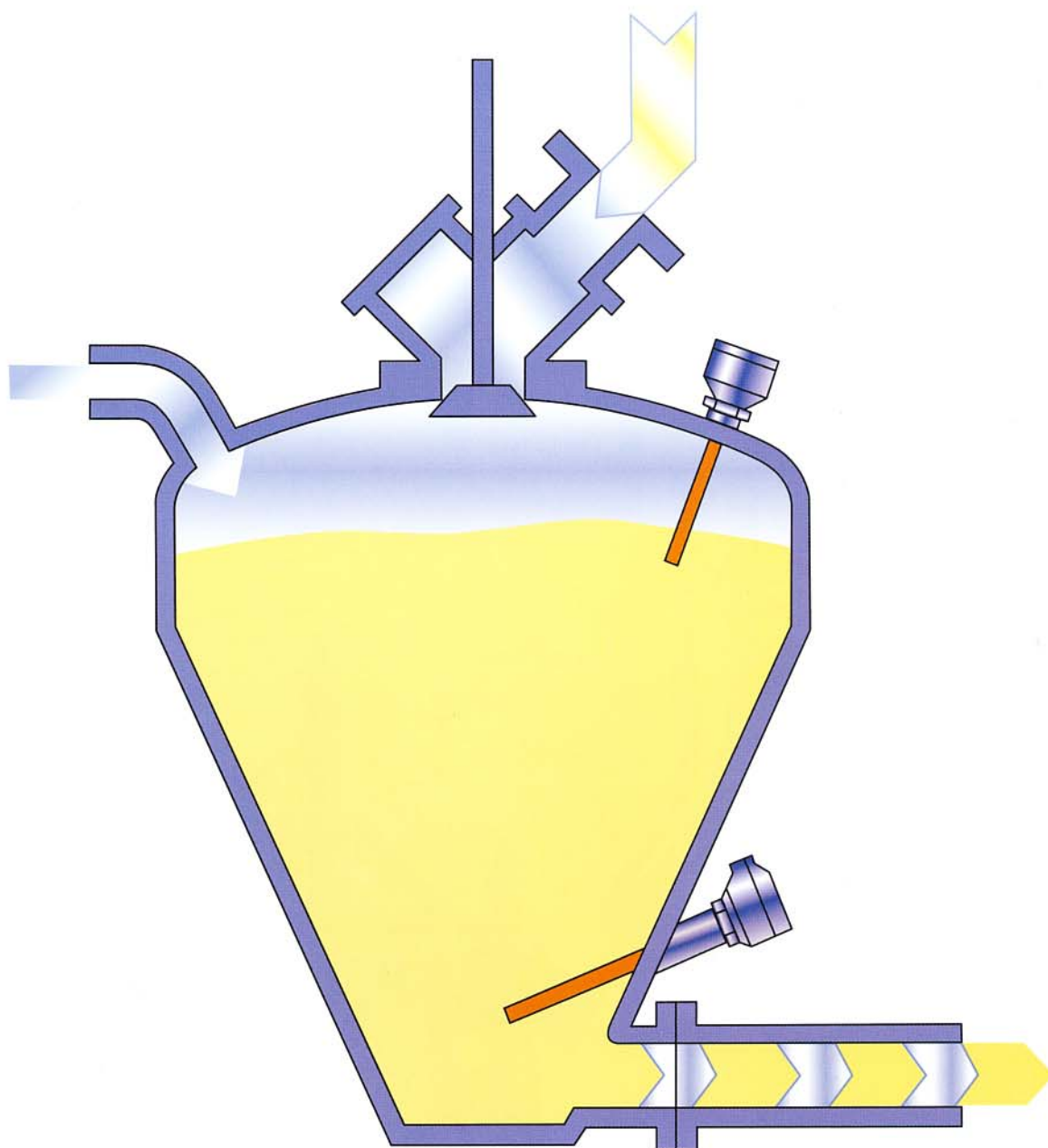


KLEIN Pressure Vessel Conveyor

Type T



KLEIN pressure vessel conveyor type T

The proven conveyor to transport dry, granular and free-flowing bulk material in a current of air under pressure

Flow takes place in cycles, alternating between filling, and conveying from, the pressure vessel. Compressed air pushes the granular or bulk material out of the pressure vessel and through a conveying pipe. In this process the end of the pipe immediately after the pressure vessel, is filled over the full cross section. Depending on the adjustment of the system and the properties of the conveyed product, a series of plugs is formed, and the distance between these will increase as the conveying distance increases. There is, however, no dispersal effect. The pressure vessel conveyor type T is particularly suitable for conveying dry, granular and free-flowing bulk material

During each conveying cycle, solely the content of the pressure vessel is released into the conveying pipeline. The conveying pipe remains filled so that each conveying cycle is started against a full pipe. Thus, wear and material abrasion are considerably reduced.

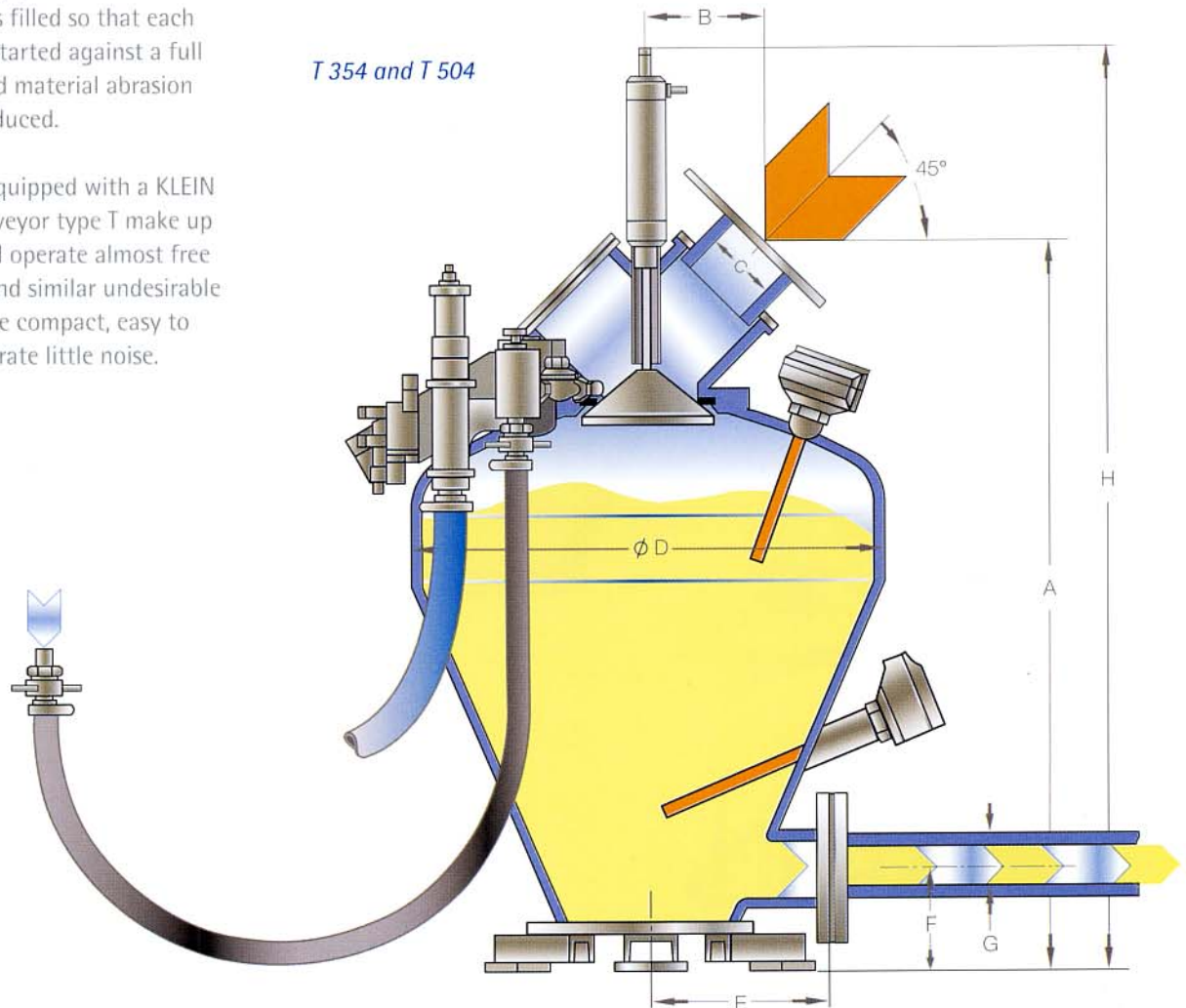
Conveying plants equipped with a KLEIN pressure vessel conveyor type T make up a closed system and operate almost free of abrasion, wear and similar undesirable interaction. They are compact, easy to maintain, and generate little noise.

30 years experience in development and production

These are the advantages of the T-type conveyor:

- Dust tight coupling of inlet tube with axial and angular adjustment: no dust can escape; easy to install
- Large cross section of the inlet with conical closure: short filling time
- Block design: the pneumatic control unit can also be separated from the conveyor
- All electrical connections wired to one terminal rail for easy installation
- Robust valves for the controls
- 3 point mounting for easy, safe positioning, avoiding the need for a complex support structure
- Can be operated automatically or manually to match operational requirements
- Low wear and maintenance: no moving parts to come into contact with the material to be conveyed
- Easy to maintain
- Low air consumption for the conveying function: economical; only small filters are required at the receiving tanks

T 354 and T 504



The KLEIN pressure vessel conveyor type T is suitable for many industries

KLEIN pressure vessel conveyors type T are used in the following industries:

foundry and steel, chemical and pharmaceutical, glass and ceramics, food and animal feeds, quarry and earth shifting, and sand feeding systems for rail vehicles

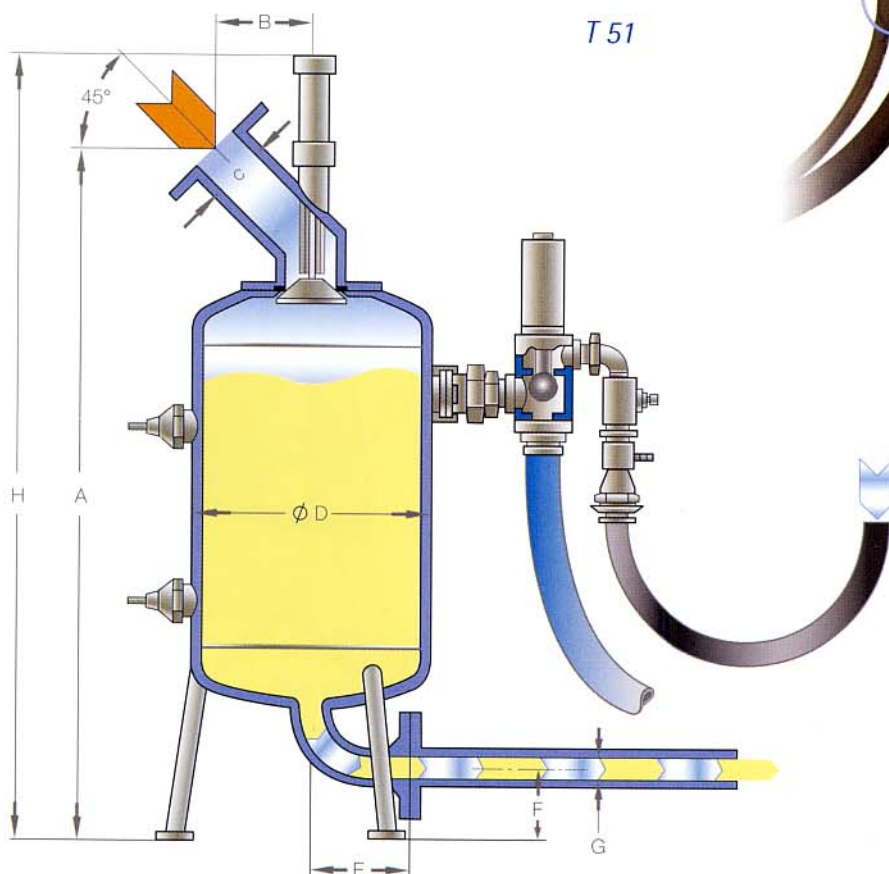
Dimensions:

Type	A	B	C	D	E	F	G	H
			DN	Ø			DN max	
T 51	1072	142	100	400	140	104	65	1239
T 354	1535	185	200	800	350	170	100	1836
T 504	1615	185	200	1100	350	170	125	1916

T 354



T 51

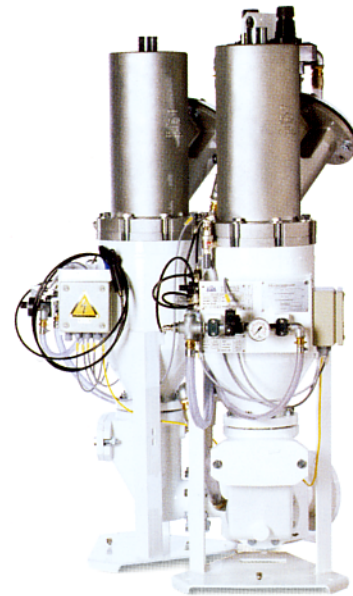


Our range of products:

Pneumatic conveying technology

Pneumatic conveying plants with pressure vessel conveyors for dry, free-flowing, abrasive and abrasion-sensitive materials.

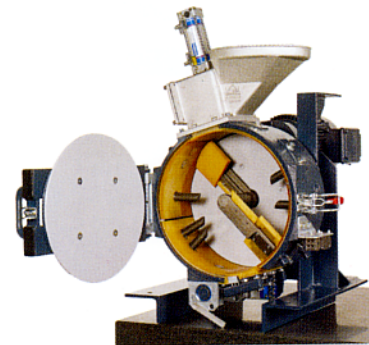
- Plug flow pneumatic transporter for the conveying of granular material such as silica sand
- 'S-Type' conveying of dust resembling materials such as bentonite, coal dust and additives
- 'PLI-process' for the low-wear transporting of abrasive materials in a wide range of grain sizes



Core sand mixing technology

Mixing and distribution systems with

- Core sand mixer STATORMIX or
- Vibrating batch mixer SM



Reclamation technology

- Used sand reclamation plants
- Regeneration unit ROTAREG to improve the quality of the used sand

