



HAARSLEV™

Processing Technology

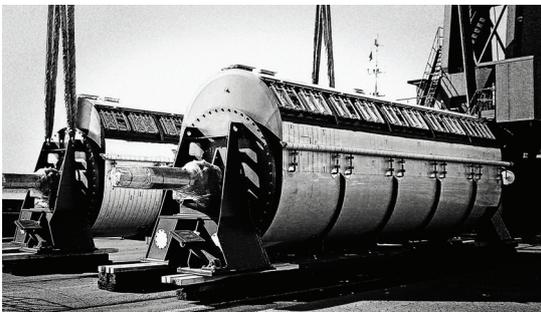
TST **DISC DRYER**

Product brochure



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TST DISC DRYER



The Haarslev TST Disc Dryer is indirectly steam-heated and designed for high capacity, gentle drying and consistent product quality.



DESIGN FEATURES

The rotor consists of a central pipe on which a large number of vertically arranged and conical discs with double walls have been welded. This design results in a concentrated heating surface offering maximum evaporation capacity in a compact design.

- The TST dryer is designed to operate with 87-145 psi steam pressure or alternatively with thermal oil.
- The dryer stator is manufactured in stainless steel. Rotors can be offered in mild steel or stainless steel design, depending on the characteristics of the product to be dried.
- The cone-shaped profile of the TST disc is especially designed for the processing of sticky and lumpy material.

APPLICATIONS

The Haarslev TST Disc Dryers are designed for drying of sludge from municipal and industrial plants, as well as drying of residues from the pharmaceutical and chemical industries.

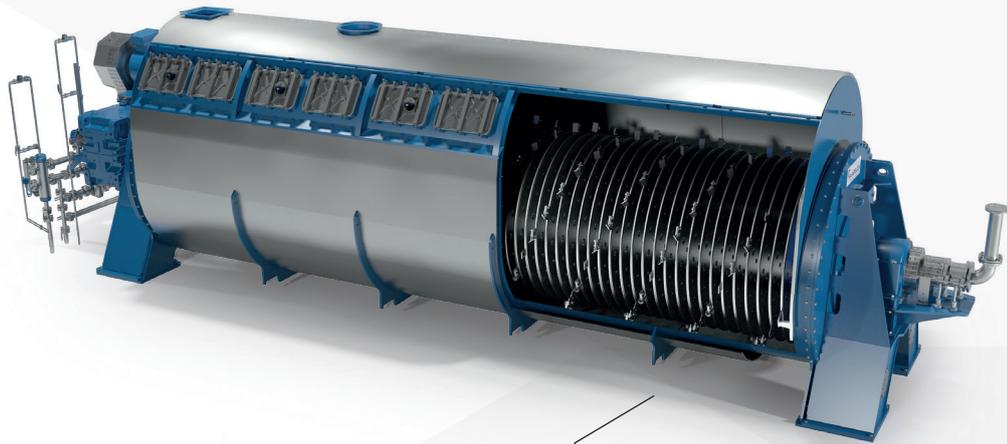
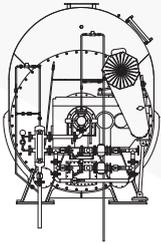
QUALITY

All TST disc dryers are carefully inspected by authorities. Furthermore, a pressure test is carried out before each shipment. The dryers are designed according to PED, ASME, GOST or marine standards (DNV, Lloyd's, Bureau Veritas etc.).

CONFIGURATION

The dewatered sludge is fed to one end of the dryer. The moisture is evaporated when the material is conveyed through the dryer towards the discharge end.

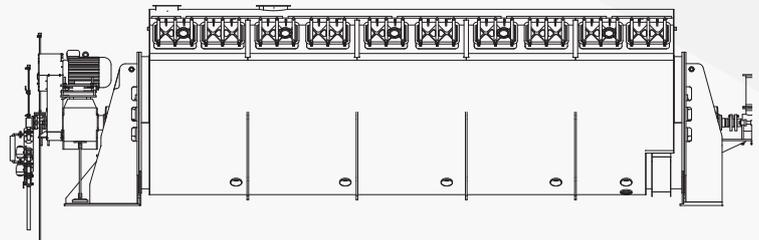
The dryer can be configured for various products. In order to further agitate and prevent the material from lumping, different scraper arm designs can be installed between the individual discs.



OPTIONS

Available options include:

- Steam jacket
- Heating with thermal oil
- Heating pump
- Discharge screw
- Load-cell system
- Inspection platform



TECHNICAL SPECIFICATIONS

TYPE	HEATING SURFACE (ft²)	POWER (hp)	SHIPPING DATA			
			Length (inch)	Width (inch)	Height (inch)	Weight* (1000 lbs)
1228	646	60	305	81	102	49
1242	969	75	382	81	102	57
1537	1,184	75	356	87	126	66
1542	1,400	75	384	87	126	68
1551	1,615	100	437	87	126	82
1840	1,884	125	437	101	144	101
1850	2,314	150	437	101	144	115
2050	2,799	200	445	110	144	130
2064	3,444	250	522	110	144	150
2264	4,036	300	551	118	152	174

*Depending on disc thickness, the weight stated in the table is based on 10 mm. disc plates. Dimensions may vary according to application, material specification, etc.

We reserve the right to alter the specifications at any time without prior notice.



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MASTER YOUR PROCESS

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