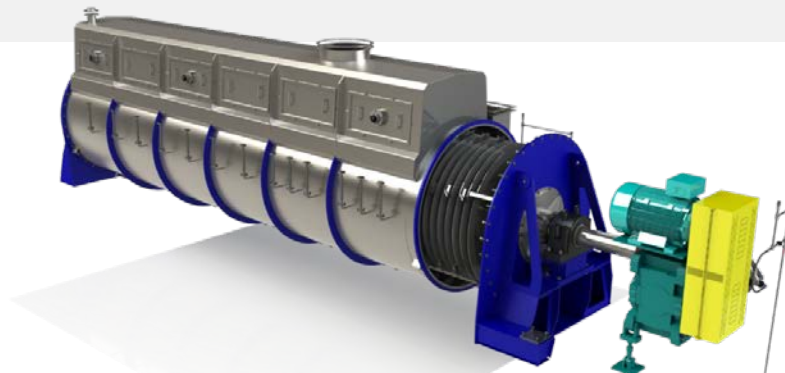


Fjell Turbo Disc Dryer



The Fjell Turbo Disc Dryer (TD) is engineered to accommodate a robust and energy efficient drying of Biomasses. With excellent track records since the early 2000's this technology is patented and market leading for various applications as:

- Sludge in Waste Water Treatment Plants
- Fishmeal in both land based and ship installed plants
- Ingredients in the food industry
- Spent grains in distilleries and breweries
- Animal and poultry by-products
- Industrial bio-sludge and mineral sludge
- Replacement rotors and units for old disc dryers

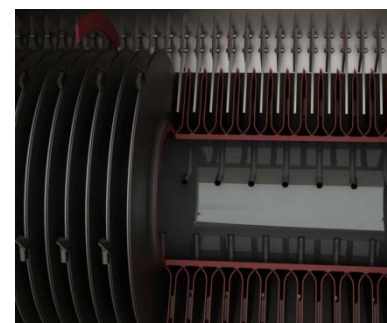
Features:

- Forged claws can be welded with high precision in a flat position using a robot
- Both a visual and penetrant test can be performed prior to assembly
- Welds are not exposed to external environment in dryer, i.e. eliminating the risk for stress corrosion cracking
- Seal between the pressurized and non-pressurized side are not welded, i.e. eliminating the risk of steam leakage
- Claws act as reinforcement beams in the radial direction, this increase the lateral bending strength of the discs, which reduces the risk of leakages in the foot welds between discs

Standard range TDs:

Model	Discs ¹	Heating Surface ²	Overall L x W x H	Nominal weight ³	Drive unit
TD150-1700	40 x Ø1700	150 m ²	9.5m x 2.1m x 2.8m	34 tonnes	75 kW
TD200-1700	52 x Ø1700	200 m ²	11.2m x 2.1m x 2.8m	40 tonnes	90 kW
TD300-1900	64 x Ø1900	300 m ²	13.1m x 2.4m x 3.1m	54 tonnes	132 kW
TD400-2200	64 x Ø2200	400 m ²	13.3m x 2.7m x 3.5m	69 tonnes	160 kW
TD500-2500	64 x Ø2500	500 m ²	14.0m x 3.1m x 4.1m	85 tonnes	187 kW
TD600-2500	75 x Ø2500	600 m ²	15.5m x 3.1m x 4.1m	95 tonnes	200 kW

1. The number of discs can be adjusted according to customer requirements.
2. The Stator jacket can increase the heating surface about 10%.
3. Nominal weight is estimated with 8 mm disc thickness.



Your partner for mass & heat transfer technology