



Agitated Thin Film Dryer

Ecodry-TF

Industries like textile, pharmaceutical, food, plastic, chemical and fertilizers face serious issues of handling complex concentrated liquid from evaporators. These concentrated liquids cannot be discharged or used for land filling without treatment. Praj with its 3 decades of experience in treating such complex effluents, has launched the most effective and energy efficient drying

solution. Primary objective of Agitated Thin Film Dryer system is drying of the Liquid stream to get dry solids at the bottom. This in-house end-to-end solution will cater to various industries converting concentrated liquid waste into solid.

Why Praj : Features

- Very less cleaning frequency cycle
- High heat transfer rate
- Skid mounted units results in easy and fast installation
- High end product quality guaranteed
- Ensures effective evaporation of concentrated slurries, viscous and fouling fluids up to 95% in a single pass
- Required evaporation is achieved in a single pass, avoiding products re-circulation
- Excellent turn down capability
- Operates in continuous mode
- Excellent performance for highly viscous fluid drying



**Environment
Solutions**



Industry Wise Applications:

Industry	Application
Textile	Salt Recovery
Pharmaceuticals	Solvent recovery
Agro Chemicals	Drying of inorganic products
Dyes and Pigments	Drying process to recover powder
Food & plastics industries	Zero discharge for effluent
All Industries	Zero discharge for effluent

Reference Installations:

	Industry	Location	Size (Sq.M)
1	Pharmaceutical	Gujarat, India	25
2	Textile	Madhya Pradesh, India	20
3	Textile	Madhya Pradesh, India	20
4	Textile	Tamil Nadu, India	15
5	Pharmaceutical	Gujarat, India	12.5
6	Pharmaceutical	Maharashtra, India	12.5
7	Pharmaceutical	Andhra Pradesh, India	12.5
8	Pharmaceutical	Andhra Pradesh, India	10
9	Textile	Tamil Nadu, India	7.5
10	Textile	Tamil Nadu, India	7.5
11	Pharmaceutical	Maharashtra, India	5
12	Pharmaceutical	Andhra Pradesh, India	3.5

Manufacturing Facility :

Equipment manufacturing is carried out at our well-equipped manufacturing units spread over an area of 71,000 m² (Covered Space : 34,750 m²).

Subject to rigorous Quality Assurance Plans, the equipment are manufactured in accordance with different international standards & codes.

Manufacturing Highlights

- 16500 T/Year (Expandable)
- Maximum Dimensions :
8.5m dia x 50 m Length x
300 T weight
- Maximum
Thickness : 150 mm



Praj Worldwide

Argentina | India | South Africa
Thailand | UAE | USA



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