



Siddhi Vinayak Engineering

Perfect Drying Solution

Manufacturer, Exporter, Supplier,
Importer & Service Provider.

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www.siddhivinayakengineering.co.in
www.dryingsolutions.in



COMPANY INTRODUCTION

ABOUT US

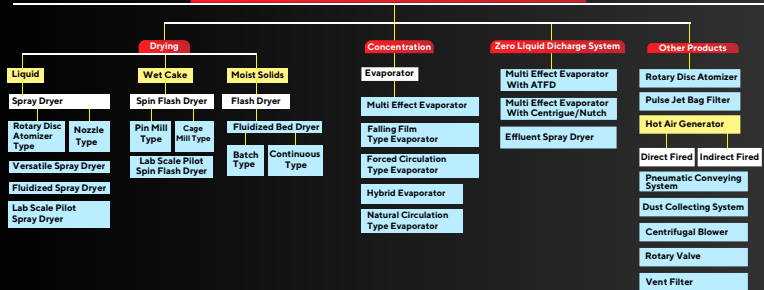
Incepted In The Year 2012, Siddhi Vinayak Engineering Is A Leading Manufacturer And Supplier Of Industrial Drying And Evaporation Technology. We Have Developed A Good Data Bank For Different Product Properties Based On Our Successfully Installed And Commissioned Plants And Conducted Pilot Plant Trials In Past 10 Years. Also We Are Developing Innovative Solutions In Our R & D Department And With Engineering Excellence Of Our Design And Production Department, We Are Expanding Our Product Range.

ACHIEVEMENTS

- Over 150 + installations across India
- 80 TPD + Capacity Plants Installed
- Experienced on wide range of product applications
- Long list of satisfied repeat customers.
- Complete range of custom built Spray Dryer, Spin Flash Dryer, Evaporators and other equipments.
- To maintain Best quality, we have also achieved ISO 9001 : 2015 from QRO Certification LLP, Delhi.

PRODUCT RANGE

Siddhi Vinayak Engineering



We also owed **PILOT SPRAY DRYER** and **PILOT SPIN FLASH DRYER** for **R & D** as well as conducting experiments of different products as per customer's requirement at our premises.

ROTARY DISC ATOMIZER TYPE SPRAY DRYER



ATOMIZATION



ROTARY DISC ATOMIZER



ROTARY DISC ATOMIZER TYPE SPRAY DRYER

Feed to be dried is introduced in drying chamber through a high speed rotating disc which atomize the liquid at very high velocity. This leads to formation of very fine droplets.

HIGH PRESSURE NOZZLE TYPE SPRAY DRYER

Liquid to be dried is introduced in drying chamber through high pressure spray nozzles forming fine / coarse droplets.

The right selection of spray nozzle is the key factor and playing most important role in design of such nozzle type spray dryer.

ATOMIZATION



SPRAY NOZZLE



HIGH PRESSURE
NOZZLE TYPE SPRAY DRYER



AIR ATOMIZING NOZZLE TYPE SPRAY DRYER



ATOMIZATION



AIR ATOMIZING
SPRAY NOZZLE



AIR ATOMIZING NOZZLE TYPE SPRAY DRYER

Liquid to be dried is introduced in drying chamber through an air atomizing spray nozzles which is having two in puts i.e. Air + Liquid.

The atomization of liquid takes place by purging of compressed air by this nozzle.

INSTALLATIONS



APPLICATIONS :

- Dyestuff and Pigments
- Herbal Extracts
- Food and Dairy
- Herbal Extracts
- Vegetables and Fruits
- Detergents
- Agro and Fertilizers
- Ceramics
- Polymers and Resins
- Inorganic chemicals
- Pharmaceuticals
- Bio-chemicals

KEY CLIENTS



Siddhi Vinayak Engineering
Perfect Drying Solution

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