

## Tray Dryers

We are one of the leading tray dryer manufacturers in India. Dryers are used in operations where drying and heating are critical in the industrial manufacturing process, such as food, pharmaceutical, dyestuff and chemical.



A tray dryer is a closed, insulated chamber in which trays are stacked on trolleys on top of one another or on shelves. During the heating process, the item (solid or moist) to be dried is placed on the tray.

The heat in the dryers can be generated through various heating mediums such as electric heaters, steam, thermic fluid, diesel, or gas. Forced convection through hot air blowers ensures proper heat transfer and thermal equilibrium.

### Applications

- Dehydrating
- Food processing
- Pharma
- Chemicals

### Details of Product

#### **Latest Technology & Modern Machinery.**

A consistent airflow and steady temperature can be maintained over the material to achieve uniform drying. If the materials to be dried are wet granules, such as capsule or tablet drying, the drying process is repeated until the appropriate moisture content is reached.

It is a device with an excellent ability to aid in the drying of pharmaceuticals, chemicals, powder, vegetables, fruits, areca nut (supari), and spices among other things. A moisture extractor connected with a digital cyclic timer is also provided for fast drying.

## Innovative Systems

We manufacture all industrial machines with innovative design and technology.

## High Quality Product

The highly engineered machines are fabricated with high quality raw material.

## Features

- High-velocity axial flow air blowers
- Fully factory tested
- Sturdy welded steel construction
- Digital temperature controller
- Humidity extractor
- Separate heating element control contactors
- Safety interlock
- Thermocouple
- Adjustable exhaust dampers
- Uniform air temperature
- Minimum energy consumption
- Better heat transfer

## Details Of Product

### Technical Details Of Tray Dryer

Capacity	12 Trays
Controls	Digital temp controller, thermocouple, push buttons, on off switch, contactors, overload relay & MCB
Size	17" W x 34" D x 40" H
Operating Temperature	From ambient to 100 Deg C / 150 Deg C / 200 Deg C / 250 Deg C / 300 Deg C
Heating Media	Electrical Heaters

Tray Size	16" x 32" x 1 1/4 "
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