

## TRAY DRYERS



A tray Dryer is an enclosed insulated chamber in which trays are placed on top of each other in trolleys. Tray Dryer are used where heating and drying are essential parts of manufacturing process in industries such as Chemicals, Dye stuff, Pharmaceutical, Food Products, Colors etc. The material to be dried either wet or solids are placed in the trays. Heat transfer is by circulation of hot air heated by electric heaters or steam / thermic fluid in radiator coils / hot air generators. Blower fans are installed inside to ensure proper circulation and transfer of heat. A control panel to control the temperature and other parameters is fixed outside the dryer. These dryers are available in Mild Steel, Stainless Steel or galvanized construction.

The Tray Dryers are normally available with choice of heating mode, as electrically heated / steam heated / thermic fluid heated / hot air heated.

### PRODUCT DESCRIPTION:

#### SPECIFICATIONS

- Ranges from 12 trays to 200 trays holding capacity
- Standard tray size : 32" D x 16" W x 1.25" H
- Heating Media : Hot Air Generator / Electric Heaters / Steam Radiators / Thermic Fluid Radiators

TRAY DRYER				
MODEL	ATD-24	ATD-48	ATD-96	ATD-192
CAPACITY (NOS. OF TRAYS)	24	50	100	200
NOS. OF TROLLEYS	1	1	2	4
HEATING MEDIA	THERMIC FLUID, STEAM, HOT AIR, ELECTRICITY			
NOS. OF FAN	1	1	2	4
POWER SUPPLY	415 VOLTS 3-PHASE 50 Hz			

## SALIENT FEATURES

- Noiseless and minimum maintenance
- Uniform and Quick Drying
- Double walled construction
- Easy accessibility of internals for Hygienic cleaning
- Individual motor drives for each fan
- Each batch of the materials can be handled as a separate entity
- The same equipment is readily adjusted for the use in drying a wide variety of the materials
- Valuable products can be handled efficiently
- It requires low labour costs – simply load and then unload

## APPLICATIONS

- Dyes, Chemicals and Intermediates
- Wood / Ply wood industry
- Pharmaceutical & Drugs
- Food, Bakery & Beverages
- Paint Backing Applications