



TRAY DRYER :



General Specification:

- **Construction :** External : 2 mm Thk internal : 2 mm Thk moc : cGMP
 - **Surface Finish :** External : Buffed to 150 grit matt finish Internal : Buffed to 220 grit mirror finish.
 - **Inlet & Outlet :** All dryers have a 5 micron pre filter at the inlet and a manually infinite adjustable damper at the outlet.
 - **Door :** Doors are provided at the front and / or rear side of the tray dryer. Door lips are lined with silicon rubber gasket to prevent any leakages. Suitable locking is provided for the doors.
 - **Air Circulation :** Air circulation is done by specially designed recirculation blowers inside the tray dryer. The blower capacity, static & design depends on the size and model of dryer.
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- **Heating :** Dryers are normally supplied with either steam/ electric/ thermic fluid / hot water heating system. Suitable heating coils / calorifiers are provided in the dryers.
 - **Temperature Control :** Temp control system is done by electronic digital temp controller fitted in the control panel. The temp control in the dryer is fully automatic.
 - **Trays :** Trays are available in S.S. 304/ 316 q. All trays are fully die pressed and with cooved corners. Trays are buffed to mirror finish. Trays are also available in aluminum / Polypropylene / Frp/ M.S. galvanized as per clients requirements.
 - **Trolley :** Trolley is provided in the dryers to accommodate trays in it. Trolley truck are used to load and unload the trays into the dryer.
 - **Control Panel :** Automatic Control panel is fitted on the side of the dryer. It consists of Starters, contactors, safety relays, ckt breakers, indicating lamps, push buttons , timers, controllers etc.

**Technical Specification:**

MODELS	TD-12	TD-24	TD-48	TD-96	TD-192
Loading capacity	12 Trays	24 Trays	48 Trays	96 Trays	192 trays
External Dimension in mm	W D H 1370 X 530 X 940	W D H 1370 X 940 X 940	W D H 1980X1020X1880	W D H 3320X1900X1880	W D H 3320X1900X1880
Internal Dimension in mm	840 X 430 X 840	840 X 860 X 840	1020 X930 X1830	1960 X930 X1830	1960 X930 X1830
No of Doors	One	One	One	Two	Two
No of Blowers	One	Two	One	Two	Four
No of motors/H.P.3 PHASE 415 VOLTS.	1/0.5 H.P.3 phase 415 volts.	1/0.5 H.P.3 phase 415 volts	1/1 H.P.3 phase 415 volts	2/1 H.P.3 phase 415 volts	Four/1 H.P.each3 phase 415 volts
Electrical Heating Load for100°C/200°C/300°C	3kw/6kw/9kw	6kw/9kw/12kw	9kw/15kw/18kw	15kw/21kw/27kw	36kw/42kw/48kw
Steam Heater No. of coils.	2	2	2	2	2
Steam Pressure	3.3 kg/cm2	3.3 kg/cm2	3.3 kg/cm2	3.3 kg/cm2	3.3 kg/cm2
Steam consumption	25 LBS/hr	45 LBS/hr	60 LBS/hr	80 LBS/hr	120 LBS/hr
Insulation in mm100°C/200°C/300°C	50/75/75	50/75/75	50/75/75	50/75/75	50/75/75
No of Trolleys	Rack System	Rack System	One	Two	Four
Tray Size	812X 406 X 31	812X 406 X 31	812X 406 X 31	812X 406 X 31	812X 406 X 31
Trolley Dimension	Fixed Racks	Fixed Racks	840X960X1780	840X960X1780	840X960X1780

Note : Images Shown here are illustrative. As the design & manufacturing of Machines are subject to improvement, the product supplied will be as per our Techno-Commercial offer.