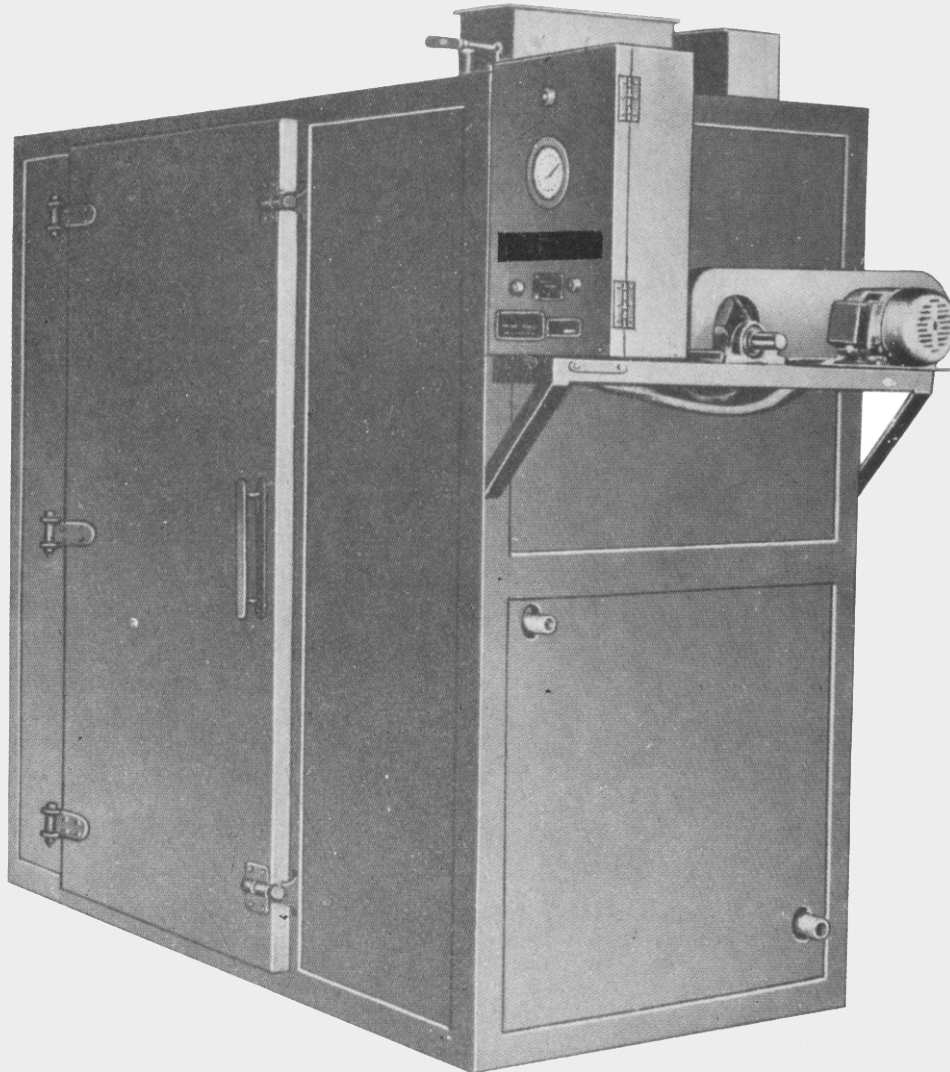


PREMIUM TRAY DRYER

(Electrical, Steam Heated or Electric-cum-Steam Heated Dryer)



100°C

150°C

200°C

250°C

More than 200
machines in
operation

Important Technical Information

Description :

PREMIUM Tray Dryer is a direct heated type dryer for solid or liquid materials. Drying is carried out by forced air circulation in a cross-flow heating system. Strip heaters (for electrical heating) or steam tube coils (for steam heating) are mounted on both sides of the dryer. Depending on the working temperature required, adequate insulation thickness is provided to achieve the best efficiency.

Application :

In pharmaceutical, food, chemical, dyestuff and allied industries.

Construction :

Body - M.S. Sheets forming double walls, fixed on inner and outer angular framework of M.S.

Door - Also of double-walled M.S. Sheets, with specially designed hinges to enable it to sit flush with the body when closed. Latch is provided.

Trays - Size (800 x 400 x 30 mm),

offered in M.S., S.S., G.I., Alluminium, FRP, or Polypropylene.

Trolley - Made from M.S. angle, can, accommodate 48 trays each.

Finish - Spray-painted with heat resistant alluminium finish inside and hammertone grey finish outside.

Insulation :

Fiberglass wool between the double-walls of the body and door.

Heating :

Electric Heating - A bank of strip heaters on both sides of the dryer. Dryers up-to 250°C working temperature are offered.

Steam Heating - A steam coil of continuous finned tubes (tested at 300 psi.). Dryers are working temperature of 100°C are offered. Electrical-Cump- Steam Heated are also available.

Temperature Control :

An electronic temperature indicator is provided. A thermostat for the electrical heating or a steam controller (thermostat)

operated solenoid valve) provides temperature control.

Electrical Switchgear :

This ensures automatic operation of heaters and locking them with fan motors. The 'On' position of the heaters and motors is indicated by a lighted pilot lamp.

Control Panel :

The Switchgear, temperature indicator and control devices are mounted on a control panel located in an easily accessible position.

Optional :

The following may be provided at extra cost :

1. Chlorinated rubber paint or epoxy based paint for the inside of the dryer to combat acidic and alkaline properties of the materials to be handled.
2. Spare trolleys and trays.
3. Steam fitting like traps, strainers, pressure gauge and valves.

TECHNICAL SPECIFICATIONS

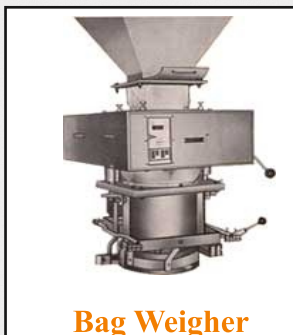
MODEL	OVER ALL OUTER DIMENSIONS (W X D X H)mm	CAPACITY OF OVEN IN TRAYS	RATING OF OVEN K.W.	FAN NO'S	MOTOR NO'S	RATING H. P.	NO'S OF TROLLEYS
PTD-12	1470 X 605 X 925	12	3	1	1	0.5	—
PTD-24	1470 X 960 X 925	24	6	2	1	0.5	—
PTD-48	1925 X 1010 X 1925	48	9	1	1	1	1
PTD-96	2940 X 1010 X 1925	96	18	2	2	1	2
PTD-192	2940 X 1925 X 1925	192	36	4	2	1.5	4

Specifications and design are subject to change without notice for any additional improvement.

ALSO OUR OTHER PROCESS EQUIPMENT



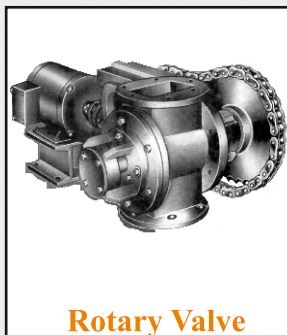
Basket Centrifuge



Bag Weigher



Horizontal Mixer



Rotary Valve



Sigma Mixer

Manufactured By:

PRECISION PRODUCTS



Plot No. 2009, Phase-IV, GIDC Industrial Estate, Vatva, AHMEDABAD - 382 445. INDIA

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