



BATCH TYPE SEED/ GRAIN DRYER

MODEL - BD 1, BD 2, BD 4, BD 6

Machine is suitable for drying of all type of grains/seeds, cereals, pulses, oil seeds, fodder seeds, grass seeds, maize cobs, onion seeds, herbs, and vegetables seeds etc.



Features

- The dryer is an indirect heating type.
- Simple to install, operate and maintain.
- Dynamically balanced high capacity Centrifugal / Axial fan generates hot air. Air flow can be controlled as per requirement.
- The heating unit is provided with a chimney to discharge the efficient gases.
- There is no mixing of the effluent gases in the hot air hence there is no deterioration of product.
- It is suitably insulated to control heat loss, The SOA Design gives efficient drying results.
- The temperature of hot air is thermostatically controlled at desired pre-set levels depending upon the material to be dried.
- Light oil burner is fully automatic and is equipped with highly sensitive thermostat, solenoid valve and sequence controller.
- Clean combustion, No backfiring hazards.
- In this type of dryer low temperature drying is carried out for seeds, The SOA new design reduced direct cost on fuel consumption e.g., for BD-1 the consumption is just 1 to 2 Ltrs per Hr. at 30°C ambient temperature 60% RH with setting of 40-43°C, temperature.
- Excellent finish of drying chamber with sheets punched and bent on CNC machines.



TECHNICAL SPECIFICATIONS

Model	Cap. Tons per batch (Wheat basis)	Drying Bin (DXL) mm	Blower Output Kcal / hr.	Blower Capacity (CMH)	Blower Motor HP 440V 3 Phase, AC	Fuel
BD-1	1	2395 x 1832 x 495	35000 / 51000	9000 at 35 mm WGSP	2.0	Light Oil Diesel Oil
BD-2	2	3543 x 2413 x 495	51000 / 74000	11000 at 35 mm WGSP	3.0	Light Oil Diesel Oi
BD-4	4	4780 x 3048 x 570	70000 / 100000	14000 at 65 mm WGSP	5.0	Light Oil Diesel Oil
BD-6	6	4818 x 3635 x 590	100000 / 180000	20000 at 65 mm WGSP	7.5	Light Oil Diesel Oil
BD-6 for Sack Drying	6	Tray is not required	100000 / 180000	20000 at 65 mm WGSP	7.5	Light Oil Diesel Oil

Widest Range of : • Seed/Grain Cleaning, Grading & Handling Equipment • Seed/Grain Dryers • Seed Treators & Coaters
Seed/Grain Storage Silos • Fruit & Vegetable Cleaning, Grading, Sorting & Handling Equipment

We also plan, design, manufacture & commission seed processing, grains/spices/pulses cleaning and handling plants on turn-key basis. Due to constant process of research & development, all designs and specifications are subject to change without prior notice. Capacities mentioned are based on wheat.

OSAW AGRO INDUSTRIES PVT. LTD.

📍 P.O. Bag 5, Agrosaw Complex, Jagadhri Road, Ambala Cantt., Haryana - 133001 India

☎ (+91) 9416027005, (+91) 9416027043, 📠 (+91) 171 2699018

✉ agrosaw@agrosaw.com 🌐 www.agrosaw.com 📺 📷 📱



ISO 9001: 2015
ISO 14001: 2015
OHSAS 18001: 2007
SA 8000: 2014
CE