

CDT-IS BOWL TYPE VIBRATORY COB DRYER WITH RISING CHANNEL

UTILIZATION

These machines are designed for the drying of a multitude of parts.

In particular they are used for the drying of small to medium sized parts, with or without heat, that are discharged off of a wet process vibratory finisher.

DESCRIPTION OF THE MACHINE

The machine consists of :

- Bowl: made of carbon steel spray lined with 6 MM thick polyurethane.
- Supporting base: consists of a heavy electro-welded steel structure. The structure is thermally stress relieved.
- Discharge and separation: consisting of a rising channel that directs parts to a separating screen where parts and cob are separated and parts are directed off of the screen. Parts can be run in a continuous mode or in a batch for longer time cycles.
- Electric control panel.

STANDARD FEATURES

- Electrowelded steel structure.
- The rising channel work chamber guarantees total discharge of the parts and assures very fast separation.
- Quick change screen opening for batch or continuous operation.
- Heated drying dries the parts very quickly and removes residue from wet parts.
- Around the clock operation and duration reliability.
- Adjustable amplitude settings with removable weights, and electronic variable speed drive.

- Bowl spray lined with 6 MM thick polyurethane.
- Media unload door
- Electric control panel mounted on a floor stand in compliance with CE regulations.
- Capable of setting timed work cycle upon specific requirements.
- Variable speed drive allows easy adjustment of processing .
- Fast and simple maintenance.
- Direct drive motor lubricated with grease.
- Steel dust cover (optional)
- Heater thermostat control

ELECTRIC SYSTEM

- 24 V control circuits. IEC components.
- Complete electrical schematic
- Hour-meter, disconnect switch, vibrate start & stop pushbuttons, emergency stop button, work cycle timer. Heater on & off pushbuttons. Variable speed drive.

WARNING

The average dust level of these can vary depending on the type of crushed corn cob ,or other dry media used. Usually a dust cover is not required in a normal shop environment. However, a cover is available for environments where dust may be a problem. When a cover is purchased, an optional thermostat control is necessary because of the potential of elevated heat levels inside the work chamber.

TECHNICAL CHARACTERISTICS OF THE MACHINE						
MODEL #		2-CDT-IS	5-CDT-IS	8-CDT-IS	15-CDT-IS	20-CDT-IS
Bulletin #		790	791	792	793	794
Bowl capacity	Cu. Ft.	2	5	8	15	20
Heater	watts	1500	1800	2400	3600	5400
Channel width	in	9.8	12	15	16.7	19
Motor speed	rpm	900-1800	900- 1800	900-1800	900-1800	900-1800
Motor power	HP	1.5	2	4	5.3	7.3
Motor Voltage	Volts	208 230/460	208 230/460	208 230/460	208 230/460	208 230/460
Frequency	Hz	60	60	60	60	60
Overall Dimensions Ø x H	in	43x33.8	51x37	60x41	66x45	77x47
Parts discharge height	in	27	30	32	35	36
Parts loading height	in	26	29	31	34	35
Machine Weight	lbs	740	925	1345	2270	2650