

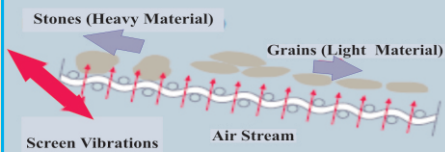
PREMIUM

DRY DESTONER

(VACUUM TYPE)

QUALITY SEPARATION FOR GRAIN FOR DISTILLERY

Stones (Heavy Material) and Grains (Light Material) Separation Diagram

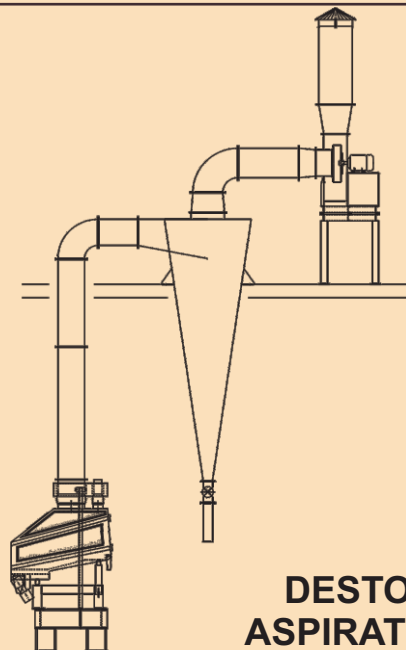


- ➔ Conveying by Vibration
- ➔ Material Conveying by Air Slide
- ➔ Sorting of Counter Current by Air Stream
- ➔ Air Floated Densimetric Stratification



SALIENT FEATURES

- ▶ Complete separation of stones from grains.
- ▶ Wide range of applications.
- ▶ Counter balanced system for long life & smooth operations.
- ▶ Compact in size.
- ▶ Low maintenance.
- ▶ Dust problem eliminated.



DESTONER WITH
ASPIRATION SYSTEM

General Description

PREMIUM DRY DESTONER are well known for removal of heavy impurities like **STONES, MUD LUMPS, GLASS** and **METTALIC PIECES** from Grains, Spices, Cereals and Pulses etc.

Easy to operate, Low Power Consumption and Maintenance free for longer period compare to other DESTONERS in the market.

Working Principles

The separation of stone from grains is on the basis of specific gravity of the material. A stream of grain with unwanted stones is fluidized by air flow. The material is fed at the higher end and the clean grain is discharged at the lower end.

The stones having higher specific gravity sink lower and closer to the fine wire mesh deck. The oscillation of deck takes the stones towards the higher side where the stones are discharged. The aspiration system comprises Blower, Cyclone, Rotary Air lock Valve.

TECHNICAL SPECIFICATIONS

MODEL	CAPACITY MT/HR.	MOTOR H.P.			SCREEN SIZE (in mm)	Approx. OVER ALL DIMENSIONS (In mm)		
		MACHINE	BLOWER	ROTARY VALVE		L	W	H
PDD-V-02	2	0.5	5	1	750 x 1200	1500	1200	1500
PDD-V-04	4	0.5	7.5	1	850 x 1200	1500	1400	1500
PDD-V-06	6	0.5 + 0.5	10	1	1200 x 1200	1500	1700	1800
PDD-V-08	8	0.5 + 0.5	15	1	1400 x 1200	1500	1900	2000
PDD-V-10	10	1 + 1	15	1	1600 x 1200	1500	2100	2100
PDD-V-12	12	1 + 1	20	1	1800 x 1200	1500	2300	2100

Specification & designs are subject to change without notice for any additional improvement.

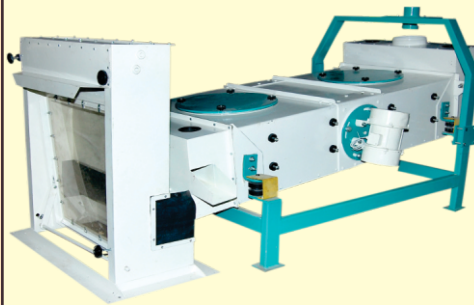
Above Capacities are for GRAIN of 0.75 gram/cc. Bulk Density.

ALSO AVAILABLE OTHER CLEANING EQUIPMENT

SCREEN AIR SEPARATOR
(Preliminary Cleaner)



FINE PRE-CLEANER
(Classifier)



MAGNETIC SEPARATOR
(Drum Type)



Designed, Manufactured & Supplied by :

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