



DESTONERS

Density Separators for dry granular materials

VACUUM TYPE DESTONER

Totally enclosed system
for dust free operation
with easy to operate

controls for
Speed by VFD

Feed

Pitch

Elevation

and Air

for high degree of accuracy

The basic principle of the destoner - or stoner - involves flowing dry granular material over an inclined, vibrating, screen covered deck. Vacuum air is pulled through the deck, and through the bed of material. The steady air flow holds the product in stratified floatation - lighter material in the upper strata - as it flows down the inclined vibrating deck. "Heavier than product" material such as stones, glass, metal etc., travel uphill and out. The product itself flows downhill, and at the discharge end of the deck, we can "skim off" and divert the top part of the bed which contains all the lighter impurities for further purification, as on a gravity table. The bottom portion of the bed consists of gravity pure, finished product that often needs no further refinement.

A second function of the vacuum-air flowing through the material, is to remove from the product all impurities and dust that can be air-borne. In many applications this is a major consideration.

The stoner is a high capacity machine that, in additions to its cleaning and stone removal function, further increases plant flowline capacity by concentrating gravity pure material, which often needs no further processing

VACUUM TYPE DESTONER

Model	Capacity TPH	Machine motor HP	Fan motor HP	Overall Dimensions - App. mm		
				Length	Width	Height
MP-2	1-1.5	0.75	5	1600	700	1800
MP-4	2-3	1	7.5	1600	1000	1800
MP-6	4-5	1	10	1700	1300	1900
MP-8	6-8	1	15	1700	1700	2000
MP-10	8-10	2	20	2000	1800	2000
MP-12	10-12	2	25	2200	2000	2200



Special features of destoners

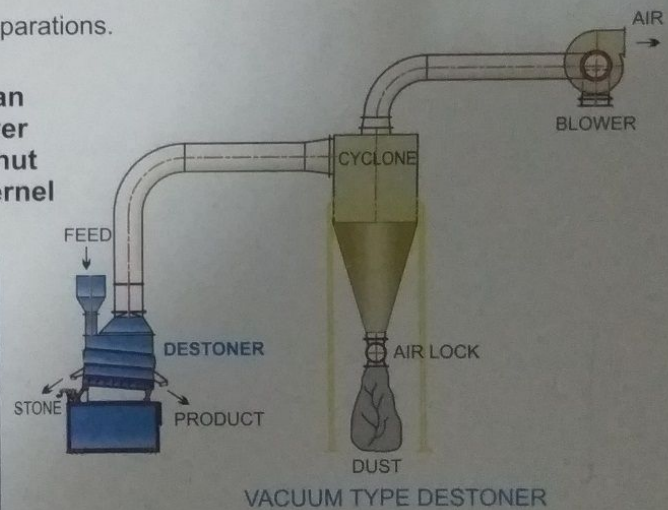
- Versatile - any granular separation in to lights & heavies.
- All metal design - allows easy cleaning
- Rubber Bushing Suspension
- Minimum maintenance
- Practically vibrationless - finely counter-balanced drive arrangement
- Improved drive and thrust
- New air-throat design - no loss of good product
- Fast - removes all heavy foreign material
- Easy to adjust - sample controls
- Durability - no shortcuts in construction

PRESSURE TYPE DESTONER :

Goldin destoners are used as density separators also for two way separations. The machines have been used widely for :

- Grains
- Beans
- Oilseeds
- Cashews
- Almonds
- Corn
- Pepper
- Pulses
- Cereals
- Spices
- Vegetable Seeds
- Aluminum Wires
- Copper Wires
- PVC-Rubber
- Coffee Beans
- Soyabean
- Sunflower
- Groundnut
- Palm Kernel

Model	Capacity Kgs/hr.	Machine HP	Fan motor HP	Overall Dimensions - App. mm		
				Length	Width	Height
G2	500	-	.1	1100	600	1200
G3	1500	1	3	1400	800	1600
G4	2500	1	5	1400	1000	1700
G6	4000	1	7.5	1500	1300	1900
G8	5000	1	10	1600	1500	2100

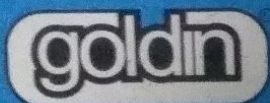


Note : Capacity approximate on Wheat basis. It varies considerably depending of material and its quality.

*Specifications are subject to change without notice in the process of product development and technological upgradation.

Goldin also undertakes trunk projects for processing industry.

- Cleaning & Grading system for spices, grain & seeds
- Dehulling & hull separation systems for sunflower & simillar products
- Storage system of seed house or bin type with precleaning plant
- Oil mill plant
- Dust collection plants
- Aeration system for seed house
- Belt conveyors
- Bucket Elevators
- Screw conveyors
- Chain conveyors
- Apron conveyors
- Salt conveyors
- Vibratory conveyors
- Centri fugal fans
- Cyclones
- Air Locks
- Bag Filters
- Huller/Scarifier
- Motor control centres
- Mimic control desk.



Kindly Contact

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