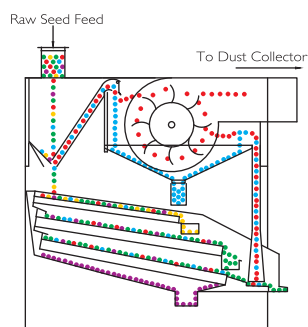


Seed Cleaner/Grain Cleaner

MODEL - UC-2



Used for efficient cleaning of all types of cereal grains, pulses and pre-cleaning of all types of seeds of all crops such as wheat, paddy, barley, maize, millets, sunflower, soybean, oil seeds, vegetable seeds, pulses, coffee seeds etc.



• Air Removal • 3rd Screen Undersize • Cleaned Seed from 2nd & 3rd Screen
• 1st Screen Oversize • Dust Particles

Features

- Robust machine of all steel construction
- Dynamically balanced aspirator fan
- Feeding spout equipped with feed roller and feed control gate
- Specially designed rubber balls to check sieve perforation clogging
- Stepless variable air controls
- Air chamber, sieve deck assembly and spouts are self cleaning type
- Belt guard provided
- Sieve deck reciprocation provided by means of eccentric and connecting rods

Working

Material is fed into feeding spout, from where it is evenly distributed by a feed roller and dropped through a control gate on to the top sieve. Before falling on the top screen, material is subjected to primary aspiration which drains off dust, chaff, straw & other light impurities. Material then passes through three sieve layers for separation according to width and thickness. Cleaned material again passes through air sifter and aspirator where the remaining light particles are sucked off by a strong upward draught of air. Final product and impurities are collected separately through discharge chutes.

Optional Sub-assemblies & Parts

Air Trunk, Surge Bin, Feeding Elevator, Dust Collector

TECHNICAL SPECIFICATIONS

Model	Capacity (based on wheat) TPH	No of Screen Layers	Size of each Screen in cms (WxL)	Screen Inclination	No. of Aspirations	Fan Capacity	Fan Speed	Electric Motor		O.A. Size in cms (LxVxH)	No of Scalping	No of Grading	Total Screen Area
								Blower	Cradle				
UC-2	Upto 2.5 TPH	3	Top - 90 x 100 Middle & Bottom - 90 x 130	Fixed	2	6500 CMH at 75 MM WGSP	2800 RPM	3 HP 3 Phase 440 V	1 HP 3 Phase 440 V	190x155x255	1	2	3.24 sq m

Note: Capacities may vary depending on seed condition, moisture content, seed varieties, type & volumes of contaminants to be separated & the percentage of foreign material acceptable in the final product. Capacity also vary depending on product flow through the cleaner. *Capacity based on wheat

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