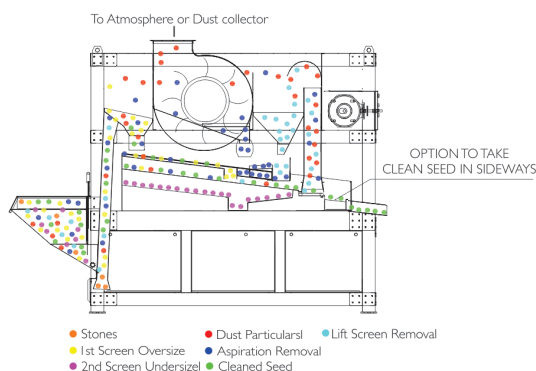


2 Screen Seed Grader MODEL - DELUX II



Suitable for efficient cleaning and grading of seeds of all crops such as wheat, paddy, barley, maize, millets, sunflower, soyabean, oil seeds, flower seed, fodder/forestry seeds and various spices.



Working

Material is fed into a low level feed hopper where it is sucked up by aspirator fan and dropped on the top sieve. Before falling on top screen material is subjected to primary aspiration which drains off chaff, straw, dust & other lighter impurities. Material then passes through two sieve layers for separation according to width and thickness. Cleaned/graded material then passes through air sifter and aspirator where remaining light particles are sucked off by a strong upward draught of air. Second grade product and impurities are collected separately through discharged chutes.

Optional Sub-assemblies & Parts

Dust Collector, Air Trunk

Note: This grader does not need a feeding elevator as the feeding hopper is at low level and feeding of material is through pneumatic suction.



Features

- Robust machine of all steel construction
- Covered with sheet from all sides & bolted structures Construction
- Dynamically balanced aspirator fans
- Low level feed hopper equipped with feed roller and feed control gate
- Specially designed Nylon Brushes to check sieve perforation clogging
- Stepless variable air controls
- Air chamber; sieve deck assembly and spouts are self cleaning type
- Belt guard provided
- Easily changeable sieves with large surface screening area
- Sieve reciprocation provided by means of eccentric and connecting rods
- Lifting lugs provided & Hilty anchor option available

TECHNICAL SPECIFICATIONS

Model	Capacity (based on wheat) TPH	No. of Screens	Size of each Screen in cms (WxL)	Screen Inclination	No of Scalping Screens	No. of grading Screens	Cleaning Device	No of Aspirations	Fan Capacity	Fan Speed	Electric Motor	Electric Screen Area
Delux	1.25 TPH	2	Top: 66 x 74.5 Bottom: 66x130	Fixed	1	1	Top: Beaters Bottom: Nylon Brush	2	5000 CFM at 75 mm WGSP	980 RPM	4 HP 3 Phase 440V	1.3 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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SA 8000: 2014
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