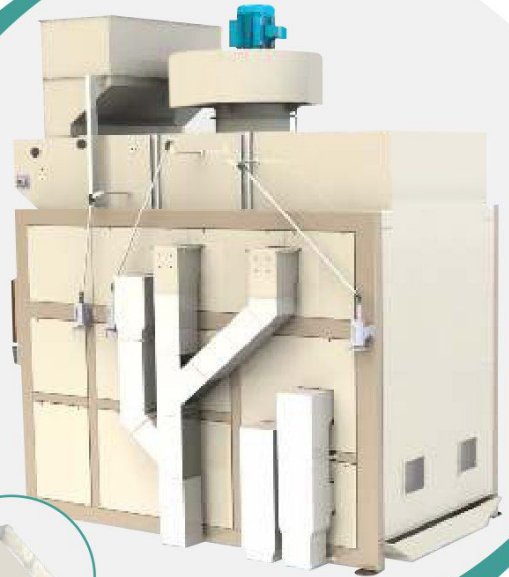
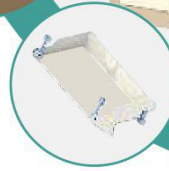
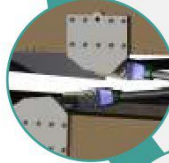


Seed and Grain Cleaner
MODEL - MAXIMO-50
(With Shaking Feeder)



Machine is suitable for efficient pre-cleaning of seeds of all types of crops such as wheat, paddy, maize, sunflower, soybean, oil seeds and for rice and pulse milling plants



Special Mounting

- 1. Special Mounting for Oscillation 2. Special drive head Mounting 3. Shaking Feeder

Features

- Easy and quick operation, Easy screen changing, Screen cleaning with special rubber balls
- The screen boxes are made of wear resistant Wisa-form plywood, which is approved for food
- Equipped with shaking feeder & feed control gate for uniform distribution

Working

The screen cleaner is equipped with shaking feeder, one scalping screen, two rows of pre-screens and two rows of sand sieves.

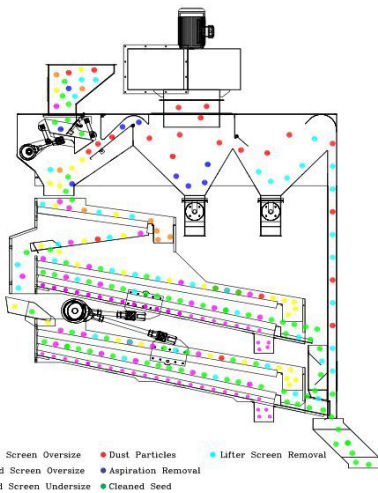
Material is fed into the feed hopper from where it is evenly distributed by a specially designed shaking feeder and dropped through a feed control gate on top sieve. Before falling on the top screen, material is subjected to primary aspiration which drains off dust, chaff, straw, deceased grains etc.

Top screen is the scalping screen which separates the coarse impurities. After that the two rows of pre-screens separate oversize material and the two rows of sand sieves separate undersize material and sand.

Cleaned material again passes through air sifter and aspirator where 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

Control Panel, Dust Collector, Air Trunk, Holding Bin, Feeding Elevator, Foundation frame with cat walk



TECHNICAL SPECIFICATIONS

Model	Capacity (based on wheat) TPH	No of Screens	Size of each Screen in mm (WxL)	Screen Perforation Cleaning Device	Screen Inclination	No. of Aspirations	Motor	Overall size (mm) (L x W x H)	Weight including Screens	Fan Capacity	Oscillation Speed of Sieve Deck	No of Scalping	No of Grading	Total Screen Area	No of Sieve deck
MAXIMO-50	60	5 layers (13 Sections)	1250x800 per section	Rubber Balls	Fixed	2	Blower 10 Hp Cradle 3Hp Shaking Feeder 1 Hp	3350x2140x4370	1500 kg	13500 CMH at 125 mm WGSP	Variable via VFD	2	1	13 sq m	2

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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OHSAS 18001 : 2007
SA 8000: 2014
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