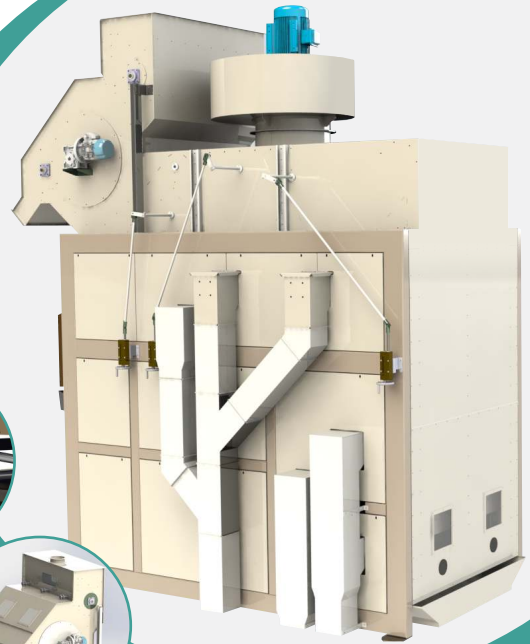
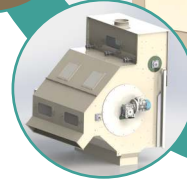
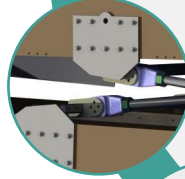
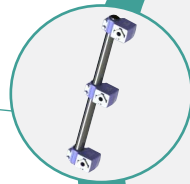


Seed and Grain Cleaner
MODEL - MAXIMO-50/25
(With Scalperator)



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 (for MAXIMO-50 only), 2. Mounting Drive 3. Scalperator

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 Scalperator & feed control gate for uniform distribution

Working

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

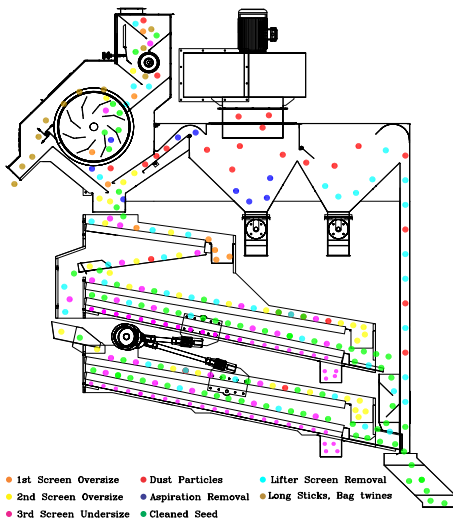
Material is fed into the Scalprator; where they are evenly distributed by a feed roller and dropped through a controlled gate on a cylindrical perforated screen, where long bag twines sticks and straws are removed and material with other light and comparatively small impurities under pass the cylindrical perforated screen. 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

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



• 1st Screen Oversize • Dust Particles • Lifter Screen Removal
• 2nd Screen Oversize • Aspiration Removal • Long Sticks, Bag Twines
• 3rd Screen Undersize • Cleaned Seed

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	50	5 layers (13 Sections)	1250x800 per section	Rubber Balls	Fixed	2	Blower 10 Hp Cradle 2Hp Shaking Feeder 1 Hp	Scalperator 3890x2140x4370	1500 kg	13500 CMH at 125 mm WGSP	Fixed	2	1	13 sq m	2
MAXIMO-25	25	3 layers (7 Sections)	1250x800 per section	Rubber Balls	Fixed	2	Blower 7.5 Hp Cradle 1.5Hp Scalperator 1 Hp	Scalperator 3890x2000x3370	1200 kg	13500 CMH at 100 mm WGSP	Fixed	2	1	7 sq m	1

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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