



AIR SCREEN SEED GRADER

MODEL -DELUX



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.

Features

- Robust machine of all steel construction
- Dynamically balanced aspirator fan
- Low level feed hopper equipped with the feed roller and feed control gate
- Specially designed Nylon Brushes to check sieve perforation clogging of bottom Screen
- 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

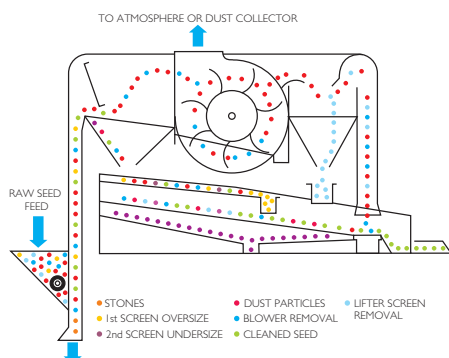
Working

Material is fed into a low level feed hopper where it is sucked up by aspirator fan and drop 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 again 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.



TECHNICAL SPECIFICATIONS

Model	Cap. (based on Wheat) TPH	No. of Screens	Screen	Screen Perforation Cleaning Device	Screen Inclination	No. of Air Aspiration	Fan Capacity	Fan Speed	Electric Motor	O.A. Size in cms (LxWxH)	No. of Scalping	No. of Grading	Total Screen Area
DELUX	1	2	Screen working width 63 cm Total Screen working length 198 cm	Top - Beaters Bottom - Nylon Brush	Fixed	2	4500/5800 CFM at 75 mm WGSP	900/1100 RPM	5 HP, 3 Phase, 440 V/240V	307x146x256	1	1	1.25 sq. m



DETERMINED TO PRODUCE BETTER

ISO 9001 : 2008
ISO 14001 : 2004
OHSAS
18001 : 2007
IS 18001 : 2007
SA 8000 : 2008



Widest Range of : • Seed/Grain Cleaning, Grading & Handling Equipment Seed/Grain Dryers Seed Treators & Coaters
Seed/Grain Storage Silos Fruit & Vegetable Cleaning, Grading, Sorting & Handling Equipment

We also plan, design, manufacture, supply and erect seed processing, grain / spice / pulses cleaning and handling plants on turn-key basis. Due to constant process of research & development, all designs and specifications are subject to change without prior notice. Capacities mentioned are based on wheat.

Osaw Agro Industries Pvt. Ltd.

P.O. Bag 5, Agrosaw Complex, Jagadhri Road, Ambala Cantt.-133 001 India Phones : (0091) 171 2699354, 2699167, 2699547 Fax : (0091) 171 2699018