



SEED CLEANER/ GRADER

MODEL - UC 2

Machine is suitable for efficient grading of all crops such as wheat, paddy, barley, maize, millet, sunflower, oil seeds, vegetable seeds, pulses, coffee seeds etc.

Features

- Robust machines of all steel construction
- Dynamically balanced aspirator fan
- Feed hopper equipped with feed roller and feed control gate
- Specially designed rubber balls-nylon brushes to check sieve perforation clogging
- Built in cyclone dust collector
- Stepless variable air control
- Air chamber sieve deck assembly and spouts are self cleaning type
- Sieve reciprocating provided by means of acentric and connecting rods

Working

Seeds/Grains are fed into a feed hopper where they are evenly distributed by a feed roller and drop through a controlled gate on the top sieve. Before following on top screen grains are subjected to primary aspiration which drains off chaff, straw, dust, deceased, grain etc. Material is then passed through three sieve layer for separation according to width and thickness. Sieve perforation are kept cleaned in specially designed rubber balls/ nylon brushes. After passing through screen cleaned material again passes through air lifter and aspiration where remaining light particle are sucked off by a strong upward drought of air. Final product and impurities are collected separately through discharged chutes sieve layer for separation according to width and thickness.

Optional Sub-assemblies & Parts

Air Trunk, Surge Bin, Feeding Elevator

TECHNICAL SPECIFICATIONS										
Model	Capacity	No. of Screen	Size of each screen	Screen Perforation Cleaning Device	Screen Inclination	No. of Aspiration	Electric Motor	No. of Scalping	No. of Grading	Total Screen Area
UC 2	Pre Cleaning -3 Fine Cleaning- 1.7	Three	Top: 90x100 cms (WxL) Middle & Bottom: 90x128 cms (WxL)	Top: Beaters Middle & Bottom: Rubber Balls	Fixed	Two	Blower: 3 HP, 3 Phase, 440 V Screen Cradle+ Feedrate: 1 HP, 3 Phase, 440 V	One	Two	3.24 m ²



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DETERMINED TO PRODUCE BETTER

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



Our Other Products : • 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.

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