



**Product Name :**  
Agricultural Grain Cleaning Machines

**Product Code :**  
EQUP-MC20052-0006

#### **Description :**

Agricultural Grain Cleaning Machines

#### **Technical Specification :**

Sifter International is leading manufacturer and exporter of grain / seed cleaning or grading machines, grain cleaning machines, grading machines, microprocessor, pressure de-stoner, vacuum de-stoner, vibro grader, vibro cleaner and gravity separator machines.

Grain or Seed cleaning plant / grading plant is combination of different kind of machines and material handling equipments and other accessories. Combination of machines which is to be used is totally depends on what kind of grain or seed it is.

Being one of the finest names of the food industry, we are engaged in the manufacturing and export of grain cleaners. Grain cleaning machinery is outfitted with unique flopper to share out the raw materials and an in-built cleaning system to sustain standardized performance.

Grain cleaning machines cleans all kinds of food grains like wheat, bajri, sesame seed, green gram, black gram, rice, cumin seed, mustard seed, aniseeds and other small fine seeds. Elegant and multipurpose design of grain cleaning machine can be operated on single or three phase motor and space requirement is also little. This grain cleaning machine is generate low noise and is easy to move. It is made from high quality metal and semi skilled employee can operate technical detail of machine and electrical parts.

Grains or seeds are fed into a feed hopper where they are uniformly distributed by a feed roller and drop through a controlled gate on the top sieve. Before falling on top screen, grains are subjected to primary aspiration which drains off chaff, straw, dust, deceased grains etc. Material is then passed through two sieve layer for separation according to width and thickness. Sieve perforations are kept cleaned by specially designed rubber balls. After passing through screens, cleaned/graded material again passes through air sifter and aspiration where remaining light particles are sucked off by a strong upward pressure of air. Final product and impurities are collected separately through discharge chutes.

#### **Salient features of seed cleaning grading machines:**

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- Capacity range from 5 TPD to 600TPD.
  - In built cleaning system to maintain uniform performance.
  - Machine is having closed and compact body along with immature grain collection system.
  - Dynamically balanced aspirator fans.
  - Feed hopper equipped with feed control gate.
  - Specially designed nylon brushes to check sieve perforation clogging.
  - Safe Belt guard provided.
  - Sieve reciprocating provided by means of eccentric and connecting rods.
  - Optional accessories available.
  - Dust collector, air trunk, surge bin, feeding elevators.

Operation Mode	Automatic
Electricity Connection	Three Phase
Motor Power	5 HP
Material of Construction(Contact)	MS
Power Consumption	5 Kwh
Brand	Agrosaw
Material	Stainless Steel



**Equip Machines China**

**Email us at: [sales@equipmentsmachines.com](mailto:sales@equipmentsmachines.com)**