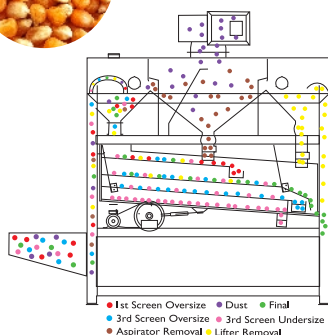


## Seed Grader

### MODEL-SEED MASTER- 2PF, 3PF, 3GF



Machine is suitable for efficient cleaning and grading of seeds of all crops like wheat, paddy, maize, millets, barley, pulses, sunflower, sorghum, soyabean, oil seeds, vegetable seeds, coffee seeds etc. It is also suitable for cleaning & grading of spices like coriander, cumin, pepper etc.



#### Features

- Robust machines of all steel construction
- Dynamically balanced aspirator fan
- Low Level feed hopper equipped with feed control gate (2-PF)
- Specially designed rubber balls to check sieve perforation clogging
- Fully enclosed. Easily changable sieves.
- Sieve deck is made of insect & moisture resistant imported plywood which is approved for food
- Stepless variable air control
- Air chamber sieve deck assembly and spouts are self cleaning type
- This machines is suitable when one or more grades of prime product are required

#### Working

Seeds/Grains are fed into a low level feed hopper where they are sucked up by aspirator fan 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 grain etc. Material is passed through three sieve layer for separation according to width and thickness. Sieve perforation are kept cleaned by specially designed rubber balls. After passing through screens, cleaned material again passes through air sifter and aspiration where remaining light particle are sucked off by a strong upward drought of air. Final product and impurities are collected separately through discharge chutes.

#### Optional Sub-assemblies & Parts

AirTrunk, Dust Collector

Note: This grader doesn't need a feeding elevator as feed hopper is at low level (2-PF)

#### TECHNICAL SPECIFICATIONS

Model	Capacity (based on wheat) TPH	No. of Screens	Size of each Screen in cms (WxL)	Screen Perforation Cleaning Device	Screen Inclination	No. of Aspirations	Electric Motor	Deck Speed	Fan Capacity	Fan Speed	Total Screen Area
2-PF	2	3	Top: 105x80x1Nos. Middle & Bottom: 105x80x2Nos.	Rubber Balls	Fixed	2	Fan - 5HP Deck - 1 HP Reject Auger - 0.5 HP	Variable	5000 CMH at 75mm WGSP	1440 rpm	4.25 sq. m
3-GF	3	3	Top: 150x80x1Nos. Middle & Bottom: 105x80x2Nos.	Rubber Balls	Fixed	2	Fan - 4HP Deck - 1 HP Reject Auger - 0.5 HP Feed Roller - 0.5 HP	Variable	4000 CMH at 00 mm WGSP	1440 rpm	4.25 sq. m

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.

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ISO 14001 : 2015  
OHSAS 18001 : 2007  
SA 8000: 2014  
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