

## Specific Gravity Separators

MODEL - G-6 Max



This machine is specifically meant for removing impurities and achieving very high grading quality in any free flowing granular material, like all type of seeds, grains, spices, etc. It removes the impurities on the basis of specific weight.



### Features

- Rectangular deck for greater capacity and accuracy
- Deck is quick and easy interchangeable type
- Fans are dynamically balanced with individually adjustable air control for each fan for precise control of air flow
- All the fans are mounted on one common shaft
- Variable oscillation speed of deck
- Deck assembly is rested on four specially designed levers with metal on bushings for smooth and trouble free operation
- IP-54 Electric Panel with standard (Protection from dust & water spray)
- Z-box is provided for cushioning & proper material flow
- Variable inclination of deck side-wise and length-wise
- Heavy duty and robust structural frame to absorb the vibrations
- Seed collecting spouts are fitted with the bag holding clamps
- Eccentrics are counter balanced giving smooth oscillating action to the deck
- Big feeding hopper with adjustable height and variable feeding rate through controlled gate
- Built in air filters can be easily removed for easy access to the moving parts
- Screw type arrangement for each fan for controlling the quantity of air
- Deck is fitted with hydraulic cylinders to facilitate its easy opening

### Additional Features in Max Model

- Oscillating conveyor is provided to mix grade I & grade II automatically
- Facility to mix middlings automatically with the clean seed is provided for maximizing the capacity of machine
- Redesigned feeding hopper with Z box for gentle & continues feeding the product on the deck for improved performance
- Additional heavy duty foundation frame to enable quick installation for gravity separator with swiss technology
- Facilities to bag the middlings separately OR recycle it to the deck or automatically mixing with grade I & II
- Elevator receiving final seed is installed on ground level instead of pit. Hence saving cost & preventing intermixing of seed.

### Optional Accessories Available

- Electrically operated and controlled device with digital display for each fan
- PLC based touch screen for pre setting programs up to 200 crops can be supplied on demand
- Additional Deck meant for very large seeds like maize, castor, sunflower, groundnut etc
- Additional Deck meant for very fine seeds like sesame, mustard, niger etc
- Surge Bin, VB Elevator, Dust canopy, Vibro feeder

### TECHNICAL SPECIFICATIONS

Model	Capacity (based on wheat) TPH	No. of Fans	Size of Deck mm (WxL)	Deck Area (sq. m)	Type of Deck	Electric Drive		Oscillating Conv. (HP)
						Fan	Deck	
G-6	5 to 6	7	1150 x 3100	3.56	Rectangular	10	2	0.5

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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OHSAS 18001 : 2007  
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