SPECIFIC GRAVITY SEPARATORS
MODEL - G-1, G-2, G-4, G-6

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
• Variable inclination of deck sidewise and lengthwise in wide range
• 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 of the same

Optional Sub-assemblies & Parts
• Electrically operated air controlled device with digital display for each fan
• PLC based touch screen for pre-setting programs up to 200 crores 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

TECHNICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>Model</th>
<th>Capacity (Based on wheat) (TPH)</th>
<th>No. of Fans</th>
<th>Size of Deck (W x L) mm</th>
<th>Type of Deck</th>
<th>Electric Drive</th>
</tr>
</thead>
<tbody>
<tr>
<td>G-1</td>
<td>0.7 - 1 TPH</td>
<td>2</td>
<td>800 x 1230</td>
<td>Rectangular</td>
<td>3, 1</td>
</tr>
<tr>
<td>G-2</td>
<td>1.5 - 2 TPH</td>
<td>3</td>
<td>800 x 1590</td>
<td>Rectangular</td>
<td>4, 1</td>
</tr>
<tr>
<td>G-4</td>
<td>3 - 4 TPH</td>
<td>5</td>
<td>1040 x 2340</td>
<td>Rectangular</td>
<td>7.5, 1.5</td>
</tr>
<tr>
<td>G-6</td>
<td>5 - 6 TPH</td>
<td>7</td>
<td>1150 x 3100</td>
<td>Rectangular</td>
<td>10, 3</td>
</tr>
</tbody>
</table>

• SURGE BIN/BUFFER HOPPER
• V.B. Elevator
• VFD for deck
• Dust canopy
• Vibro Feeder

Determined to Produce Better

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 plants / 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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