SEED CLEANER/GRAIN CLEANER
MODEL - PC-5 NB

Machine is suitable for efficient cleaning of all cereal grains, pulses and pre-cleaning of seeds of all corps such as wheat, paddy, barley, millets, sunflower, soyabeans, oil seeds, vegetable seeds, pulses, coffee seeds etc.

Features
- Robust machine of all steel construction.
- Dynamically balanced aspirator fan.
- Feed hopper equipped with feed roller and feed control gate.
- Specially designed rubber balls to check sieve perforation cogging of top screen and specially designed Nylon brush for bottom screen.
- Built-in cyclone dust collector.
- Stepless variable air controls.
- Air chamber, sieve deck assembly and spouts are self cleaning type.
- Easily changeable sieves with large surface screening area.
- Sieve reciprocating provided by means of eccentric 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 falling on top screen, grains are subjected to 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. Final product and impurities are collected separately through discharge chutes.

Optional Sub-assemblies & Parts
- Air Trunk, Surge Bin, Feeding Elevator.

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**TECHNICAL SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Model</th>
<th>Capacity</th>
<th>N.o. of Screens</th>
<th>Size of each Screen</th>
<th>Screen Inclination</th>
<th>Screen Perforation Cleaning Device</th>
<th>N.o. of Aspiration</th>
<th>Fan Capacity</th>
<th>Fan Speed</th>
<th>Electric Motor Blower</th>
<th>Screen Cradle, Feed roller &amp; Nylon brush Drum</th>
<th>O.A. Size (LxWxH)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PC-5 NB</td>
<td>STPH (based on wheat)</td>
<td>Two</td>
<td>122 x 180 cms (W x L)</td>
<td>Top: Variable Bottom: Fixed</td>
<td>Top: Rubber Balls Bottom: Nylon Brush</td>
<td>One</td>
<td>3500 CFM at 75 mm W GSP</td>
<td>1400 RPM</td>
<td>4 HP 3 Phase, 380-440 V</td>
<td>1.5 HP 3 Phase, 380-440 V</td>
<td>225 x 180 x 235 cms</td>
</tr>
</tbody>
</table>

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We are also planning, designing, manufacturing, supply and erect seed processing, grain / spice / pulse 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.