INDENTED CYLINDER SEED GRADER

MODEL - IC-1, IC-2, IC-3, IC-4, IC-5, IC-6, IC-8

Used for additional separation or upgradation of seeds, grains of various crops on length basis after size & sieve cleaning. Also used for removing weed seeds, broken or cut, round grains, material longer than the desired crop seed.

Features
- All metal construction
- Quick interchangeable type indent segments
- High precision grading capability
- Long service life and easy maintenance
- Variable rotational speed of cylinder
- Spouts for rejects and final seeds are provided with bag holding clamps

Working
Material enters the machine through a feeding device and reaches directly into the centre of the rotating cylinder. The shorter than required size particles lodge in the indents and are lifted by the cylinder until they fall out under gravitational force into the internal trough. Large particles not deposited in the indents are retained on the inside surface of the cylinder. Due to rotating speed cylinder, short grains lodged in though are discharged out separately via auger fitted with trough.

Optional Sub-assemblies & Parts
- Electric operated trough angle control
- Speed control of cylinder through VFD (variable frequency drive)

**TECHNICAL SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Model</th>
<th>IC-1</th>
<th>IC-2</th>
<th>IC-3</th>
<th>IC-4</th>
<th>IC-5</th>
<th>IC-6</th>
<th>IC-8</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity (Based on wheat) (TPH)</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
<td>6</td>
<td>8</td>
</tr>
<tr>
<td>No. of Cylinder</td>
<td>1</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Size of Cylinders (L x D)</td>
<td>1255 x 475</td>
<td>1255 x 475</td>
<td>1700 x 600</td>
<td>2200 x 600</td>
<td>2500 x 700</td>
<td>3000 x 700</td>
<td>2500 x 900</td>
</tr>
<tr>
<td>Electric Motor</td>
<td>1</td>
<td>2</td>
<td>2</td>
<td>3</td>
<td>3</td>
<td>4</td>
<td>5</td>
</tr>
</tbody>
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**Supplied By**

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We also plan, design, manufacture, supply and erect seed processing, grain / 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.