Cimbria DELTA 127 is developed for grading of cereals and seeds.

1. **Inlet**
Optimal feed over the width of the machine is achieved by a shaker feeder with stepless adjustment via gearbox, hand operated variator or integral motor.

2. **Shaker feeder**
Ensures an uniform feeding over the entire width of the machine also when cleaning difficult flowing products, i.e. grass seed, in addition the shaker feeder also prevent the product from flowing when the shaker feeder has stopped.

3. **Adjustable feed gate**
The feed gate will only be adjusted when the opening need to be bigger due to difficult flowing products, i.e. grass seed.

4. **Screens**
(L x W = 800 x 1250 mm) can be employed as sieves, sorters or graders, and are effectively kept clean by rubber balls in newly developed ball boxes. It is not necessary to take out the ball boxes when changing screens.

5. **Eccentric drive system for screen boat**
Supplied standard with fixed speed or alternative with manually operated frequency variator.

### Capacity based on 15% H₂O: Grading 3-4 fraction with 95% correct size in each grade

<table>
<thead>
<tr>
<th>Material</th>
<th>Capacity (t/h)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wheat, rye, sorghum and malted barley</td>
<td>9.0-10.0</td>
</tr>
<tr>
<td>Oats, maize and white rice</td>
<td>4.0-7.0</td>
</tr>
<tr>
<td>Soya, peas, rape and green coffee</td>
<td>4.0-6.0</td>
</tr>
<tr>
<td>Sunflower and beet seed</td>
<td>2.0-4.0</td>
</tr>
</tbody>
</table>

### Dimensions:
- Machine height (without fan): 3065 mm
- Machine length: 3905 mm
- Machine width: 1760 mm
- Width incl. sacking off spouts: 532 mm

### Screen area:
- 18.0 m²

### Square outlet pipes:
- (Adapter to round available)
- a) from screens: 160 x 160 mm

### Motors:
- (standard)
  - Screen: 2.2 kW
  - Shaker feeder (integral): 0.75 kW

### Air volume:
- Pre-suction: 1000 m³/h
- Total weight of cleaner: 2865 kg
- Freight volume: 19 m³

### Dynamic loading at 4.6 - 4.8 Hz:
- PH=+/-2845N
- PV1=+/-1338N
- PV2=+/-1503N

10N= 1 kg

Technical data can vary for certain of the above due to continued development, or a different machine composition.

This DELTA cleaner can, in a few minutes, be converted to different cleaning programmes, e.g.:

- Beans, lupin seed, maize
- Oats, wheat
- Malted barley
- Rye grass, Red fescue
- Rape, peas, lentils

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