CLEANER DELTA 138.3

GENERAL
Brand Cimbria
Designation Air-screen cleaner
Model DELTA 138.3
Use Industry
Application Pre cleaning of grass seeds and similar seeds.

PERFORMANCE
<table>
<thead>
<tr>
<th>Bulk density</th>
<th>Moisture content %</th>
<th>Capacity t/h</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alfalfa</td>
<td>0.75</td>
<td>12</td>
</tr>
<tr>
<td>Bluegrass</td>
<td>0.2</td>
<td>12</td>
</tr>
<tr>
<td>Clover</td>
<td>0.75</td>
<td>12</td>
</tr>
<tr>
<td>Rapeseed</td>
<td>0.74</td>
<td>9</td>
</tr>
<tr>
<td>Red fescue</td>
<td>0.3</td>
<td>12</td>
</tr>
<tr>
<td>Ryegrass</td>
<td>0.35</td>
<td>12</td>
</tr>
<tr>
<td>Timothy</td>
<td>0.4</td>
<td>12</td>
</tr>
</tbody>
</table>

Note: Capacities may vary for different impurity and moisture contents.

OPERATING SPEED
Belt feeder (shaft) 1.1–5.6 rpm
Thresher (shaft) 520 rpm
Screens (shaft) 300 rpm

ELECTRICAL RATINGS
Motor, belt feeder 0.37 kW
Motor, thresher 3 kW
Motor, screens 3 kW

AIR SUPPLY AND EXTRACTION
Aspiration volume, screens (top) 2,000 m³/h
Aspiration volume, good seed 500 m³/h
Aspiration volume, scalpings (1st) 500 m³/h
Aspiration volume, scalpings (2nd) 500 m³/h

DYNAMIC LOADS
Horizontal load “Ph” ±1 259 N @ 4.6–4.8 Hz
Vertical load “Pv1” (inlet end) ±2 552 N @ 4.6–4.8 Hz
Vertical load “Pv2” (outlet end) ±2 582 N @ 4.6–4.8 Hz

Note: Dynamic loads are for normal operation.

NOISE
Sound pressure level, empty 81.6 dB(A)

COMPLIANCE
EU machinery legislation Yes
EU ATEX legislation Option*
EU food contact legislation Option*
* Consult your Cimbria dealer for full details.

ENVIRONMENTAL CONDITIONS
Environment Indoors
Temperature From -20°C to +40°C
Altitude Up to 800 m

SURFACE PROTECTION
Frame and enclosure Paint (corrosivity category C2; low durability)

LIFETIME
Intended life limit 20 years

WEIGHT
Weight, empty 3 920 kg
Weight, operating (ryegrass) 4 350 kg
Weight, choked (ryegrass) 7 225 kg

DIMENSIONS
Screen area, total 18 m²
Screen size 1 250×800mm (18 pcs)
Overall length 4 190 mm
Overall height 4 601 mm
Overall width 2 000 mm