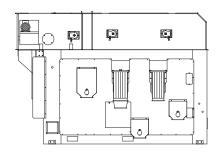
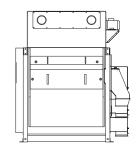


PRE-CLEANER DELTA 143.2

The Delta 143.2 Pre-cleaner is designed for ideal usage of the screen area in conjunction with a sophisticated aspiration system. The screen cleaning effect of the total screen area is increased by Cimbria's highly effective pre-suction and after-suction system.







PERFORMANCE

| Materials | Bulk density t/m³ | Moisture content % | Capacity t/h |
|---------------|----------------------|-----------------------|-----------------|
| Barley | 0.68 | 20 (15) | 45 (25) |
| Coffee, green | 0.65 | 20 (15) | 16–27 (18) |
| Maize | 0.71 | 20 (15) | 36 (18) |
| Malt | 0.52 | 20 (15) | 20 (15) |
| Oats | 0.51 | 20 (15) | 27 (4) |
| Peas, common | 0.7 | 20 (15) | 36 (12–20) |
| Rapeseed | 0.74 | 20 (7–9) | 35 (20) |
| Rice, paddy | 0.51 | 20 (15) | 18–25 (4) |
| Rice, white | 0.75 | 20 (15) | 36 |
| Rye | 0.69 | 20 (15) | 45 (25) |
| Sorghum | 0.64 | 20 (15) | 45 (25) |
| Soybeans | 0.72 | 20 (15) | 36 (12–20) |
| Sunflower | 0.4 | 14 (7–9) | 15 (15) |
| Wheat | 0.76 | 20/15 (15) | 45/45 (25) |

Legend: Values in parentheses are for industrial cleaning. Other values are for pre cleaning.

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

SCREENS

| Screen angle | 12° |
|--------------------|----------|
| Screen area, total | $7 m^2$ |

Screen size 1250×800 mm (7 pcs)

DIMENSIONS

Overall length 3 309 mm Overall height 2 273 mm Overall width 1 965 mm

WEIGHT

| Weight, empty | 1 935 kg |
|---------------------------|----------|
| Weight, operating (wheat) | 2 310 kg |
| Weight, choked (wheat) | 3 400 kg |

OPERATING SPEED

Shaker feeder (shaft) 140–700 rpm Screens (shaft) 300 rpm

ELECTRICAL RATINGS

Motor, shaker feeder 0.75 kW Motor, screens 2.2 kW

AIR SUPPLY AND EXTRACTION

Aspiration volume 10 600 m³/h

DYNAMIC LOADS

 $\begin{array}{lll} \mbox{Horizontal load "Ph"} & \pm 2\,353\ \mbox{N} \ \mbox{@}\,4.6-4.8\ \mbox{Hz} \\ \mbox{Vertical load "Pv1" (inlet end)} & \pm 2\,720\ \mbox{N} \ \mbox{@}\,4.6-4.8\ \mbox{Hz} \\ \mbox{Vertical load "Pv2" (outlet end)} & \pm 1\,367\ \mbox{N} \ \mbox{@}\,4.6-4.8\ \mbox{Hz} \\ \mbox{Note: Dynamic loads are for normal operation.} \end{array}$

NOISE

Sound pressure level, empty 73.4 dB(A)

COMPLIANCE

EU machinery legislation Yes
EU ATEX legislation Option*

EU food contact legislation Option*

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



^{*} Consult your Cimbria dealer for full details.