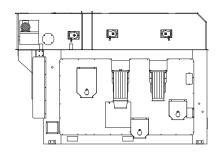
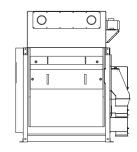


PRE-CLEANER DELTA 143.2

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.