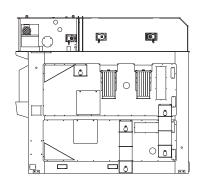
PROCESSING PRE-CLEANER DELTA 145

The Delta 145 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)	60 (42)
Coffee, green	0.65	20 (15)	25–40 (25)
Maize	0.71	20 (15)	50 (35)
Malt	0.52	20 (15)	35 (25)
Oats	0.51	20 (15)	35 (10)
Peas, common	0.7	20 (15)	50 (25–40)
Rapeseed	0.74	20 (7–9)	50 (35)
Rice, paddy	0.51	20 (15)	25–30 (10–12)
Rice, white	0.75	20 (15)	50
Rye	0.69	20 (15)	60 (42)
Sorghum	0.64	20 (15)	60 (42)
Soybeans	0.72	20 (15)	50 (25–40)
Sunflower	0.4	14 (7–9)	25 (25)
Wheat	0.76	20/15 (15)	60/60 (42)

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	10º (scalping); 12º (sand)
Screen area, total	13 m ²
Screen size	1 250×800 mm (13 pcs)
DIMENSIONS	
Overall length	3 231 mm

Overall length	3 231 mm
Overall height with feed roller	2 950 mm
Overall height with shaker feeder	2 921 mm
Overall width	2 287 mm

WEIGHT

Weight, empty	2 500 kg
Weight, operating (wheat)	2 600 kg
Weight, choked (wheat)	5 300 kg

OPERATING SPEED

Feed roller30–164 rpmShaker feeder (shaft)140–700 rpmScreens (shaft)300 rpm

ELECTRICAL RATINGS

Motor, feed roller	1.1 kW
Motor, shaker feeder	0.75 kW
Motor, screens	1.5 kW

AIR SUPPLY AND EXTRACTION

DYNAMIC LOADS

 Horizontal load "Ph"
 ±1 986 N @ 4.6-4.8 Hz

 Vertical load "Pv1" (inlet end)
 ±2 188 N @ 4.6-4.8 Hz

 Vertical load "Pv2" (outlet end)
 ±2 188 N @ 4.6-4.8 Hz

 Note: Dynamic loads are for normal operation.

NOISE

Sound pressure level, empty 73.4 dB(A)

COMPLIANCE

EU machinery legislationYesEU ATEX legislationOption*EU food contact legislationOption** Consult your Cimbria dealer for full details.

ENVIRONMENTAL CONDITIONS

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

SURFACE PROTECTION

Frame and enclosure

LIFETIME

Intended life limit

Up to 800 m

Paint (corrosivity category C2; low durability)

20 years



