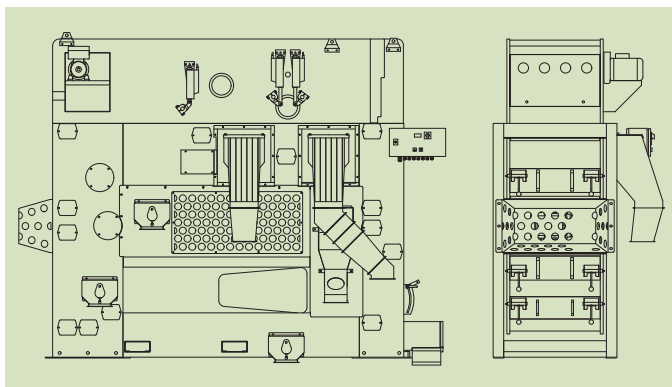


CLEANER DELTA 112

GENERAL

Brand	Cimbria
Designation	Air-screen cleaner
Model	DELTA 112
Use	Industry
Application	Fine cleaning or industrial cleaning of cereal grains and other grass seeds, pulses, and oilseeds intended for seed.



PERFORMANCE

	Bulk density t/m ³	Moisture content %	Capacity t/h
Barley	0.68	14 (15)	1.75 (5)
Clover	0.82	14 (15)	1
Coffee, green	0.65	14 (15)	2 (2)
Maize	0.71	14 (15)	1.5 (2.5)
Oats	0.51	14 (15)	1.5 (2)
Peas, common	0.7	14 (15)	2 (2-3)
Rapeseed	0.74	7-9	1.5 (2)
Rice, paddy	0.51	14 (15)	1.5 (1.5-2)
Rice, white	0.75	14 (15)	2 (3)
Rye	0.69	14 (15)	1.75 (3-5)
Ryegrass	0.3	14 (15)	0.4
Sorghum	0.64	14 (15)	1.75 (5)
Soybeans	0.72	14 (15)	2 (2-3)
Sunflower	0.4	7-9	1 (1)
Wheat	0.76	14 (15)	2 (3-5)

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

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

DIMENSIONS

Screen area, total	3 m ²
Screen size	625x800 mm (6 pcs)
Overall length	3 018 mm
Overall height	2 314 mm
Overall width	1 216 mm

WEIGHT

Weight, empty	1 600 kg
Weight, operating (wheat)	1 640 kg
Weight, choked (wheat)	2 750 kg

OPERATING SPEED

Shaker feeder (shaft)	140-700 rpm
Screens (shaft), fixed speed	280-285 rpm
Screens (shaft), variable speed	260-320 rpm

ELECTRICAL RATINGS

Motor, shaker feeder	0.75 kW
Motor, screens	1.5 kW
Control panel	110-230 V

AIR SUPPLY AND EXTRACTION

Aspiration volume	4 500 m ³ /h
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DYNAMIC LOADS

Horizontal load "Ph"	±745 N @ 4.6-4.8 Hz
Vertical load "Pv1" (inlet end)	±544 N @ 4.6-4.8 Hz
Vertical load "Pv2" (outlet end)	±544 N @ 4.6-4.8 Hz

Note: Dynamic loads are for normal operation.

NOISE

Sound pressure level, empty	79.3 dB(A)
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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)
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LIFETIME

Intended life limit	20 years
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