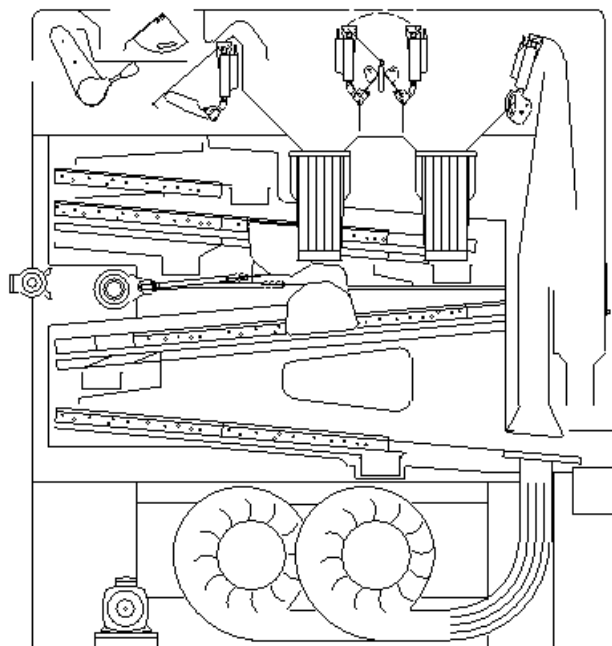


AIR-SCREEN CLEANER DELTA SUPER 104

GENERAL

Brand	Cimbria
Designation	Air-screen cleaner
Model	DELTA Super 104
Use	Industry
Application	Fine cleaning of cereal grains, grass seeds, pulses, oilseeds etc.



PERFORMANCE

Materials	Bulk density t/m ³	Moisture content %	Capacity t/h
Barley	0.68	14	4.5
Clover	0.82	14	2
Coffee, green	0.65	14	4
Maize	0.71	14	3–4
Oats	0.51	14	3
Peas, common	0.7	14	4
Rapeseed	0.74	7–9	3
Rice, paddy	0.51	14	3
Rice, white	0.75	14	4
Rye	0.69	14	4.5
Ryegrass	0.3	14	1
Sorghum	0.64	14	4.5
Soybeans	0.72	14	4
Sunflower	0.4	7–9	1.5–2.5
Wheat	0.76	14	5

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

DIMENSIONS

Screen area, total	7 m ²
Screen size	1 250×800 mm (7 pcs)
Overall length	3 018 mm
Overall height	3 108 mm
Overall width	1 883 mm

WEIGHT

Weight, empty	2 880 kg
Weight, operating (wheat)	2 970 kg
Weight, choked (wheat)	5 180 kg

OPERATING SPEED

Shaker feeder (shaft)	140–700 rpm
Screens (shaft), fixed speed	280–285 rpm
Screens (shaft), variable speed	260–320 rpm
Aspiration fan, 2.2 kW motor	65–750 rpm
Aspiration fan, 3 kW motor	65–850 rpm

ELECTRICAL RATINGS

Motor, shaker feeder	0.75 kW
Motor, screens	1.5 kW
Motor, aspiration fan	2.2 kW or 3 kW
Control panel	110–230 V

AIR SUPPLY AND EXTRACTION

Aspiration volume	8 200 m ³ /h
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DYNAMIC LOADS

Horizontal load "Ph"	±123 N @ 4.6–4.8 Hz
Vertical load "Pv1" (inlet end)	±1 115 N @ 4.6–4.8 Hz
Vertical load "Pv2" (outlet end)	±1 115 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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