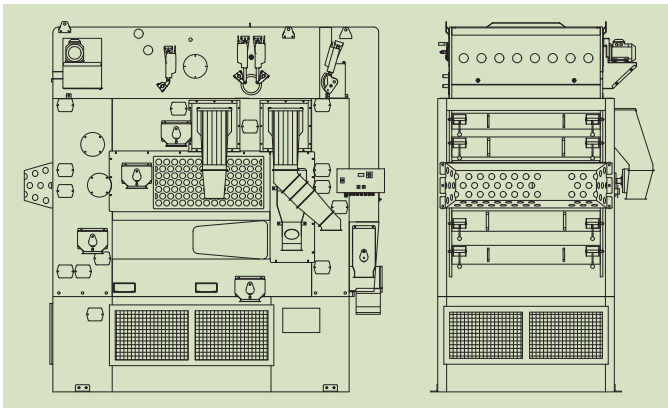


# CLEANER DELTA SUPER 104

## GENERAL

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



## PERFORMANCE

	Bulk density t/m <sup>3</sup>	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 <sup>2</sup>
Screen size	1 250x800 mm (7 pcs)
Overall length	3 018 mm
Overall height	3 108 mm
Overall width	1 883 mm

## WEIGHT

Weight, empty	3 000 kg
Weight, operating (wheat)	3 085 kg
Weight, choked (wheat)	5 300 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 <sup>3</sup> /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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