CLEANER DELTA 138.4

GENERAL
Brand: Cimbria
Designation: Air-screen cleaner
Model: DELTA 138.4
Use: Industry
Application: Pre cleaning of grass seeds and similar seeds.

PERFORMANCE
Bulk density t/m³
Alfalfa 0.75
Clover 0.75
Rapeseed 0.74
Red fescue 0.3
Ryegrass 0.35
Timothy 0.4

Moisture content %
Alfalfa 12
Clover 12
Rapeseed 9
Red fescue 12
Ryegrass 12
Timothy 12

Capacity t/h
Alfalfa 12
Clover 12
Rapeseed 12
Red fescue 7.5
Ryegrass 10
Timothy 5

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

ELECTRICAL RATINGS
Motor, belt feeder 0.37 kW
Motor, screens 3 kW
Motor, screw conveyor 1.1 kW

AIR SUPPLY AND EXTRACTION
Aspiration volume, screens (top) 2 000 m³/h
Aspiration volume, good seed 5 000 m³/h
Aspiration volume, scalplings (1st) 400 m³/h
Aspiration volume, scalplings (2nd) 400 m³/h

DIMENSIONS
Screen area, total 18 m²
Screen size 1 250×800 mm (18 pcs)
Overall length 4 536 mm
Overall height 3 933 mm
Overall width 2 205 mm

WEIGHT
Weight, empty 4 065 kg
Weight, operating (ryegrass) 4 555 kg
Weight, choked (ryegrass) 5 925 kg

OPERATING SPEED
Belt feeder (shaft) 1.1–5.6 rpm
Screens (shaft) 300 rpm
Screw conveyor 190 rpm

DYNAMIC LOADS
Horizontal load "Ph" ±1 259 N @ 4.6–4.8 Hz
Vertical load "Pv1" (inlet end) ±2 552 N @ 4.6–4.8 Hz
Vertical load "Pv2" (outlet end) ±2 582 N @ 4.6–4.8 Hz
Note: Dynamic loads are for normal operation.

NOISE
Sound pressure level, empty 81.6 dB(A)

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)

LIFETIME
Intended life limit 20 years