Cimbria DELTA Super 101 has been developed for high quality fine cleaning of malting barley, seed grain, legumes, grass and garden seeds. The machine’s efficient screen system with its accurately matched stroke and frequency is complemented by Cimbria’s highly developed pre- and post-suction system. One airlifting blower at the bottom of the machine ensures unrivalled air cleaning and grading.

8. Airlifting blower
Ensures a homogenous airflow and supports the post-suction considerably. Can be delivered with hand-operated variator or frequency controlled integral motor. This system is used to separate light grains with low germination, from the final product by blowing the light product up into the airlifting channel, and separated in the expansion chamber the husk will be lifted in to the after suction blower, and the light kernels will fall in to the middling outlet.

9. Outlet for second quality product
10. False air intakes (2 pcs.)
For adjustment of air quantity in both the pre- and post-suction systems.
11. Adjustment
Remote control of integral motor for shaker feeder, airlifting unit, pre suction, after suction and air velocity. The adjustment of the above is placed in a small control box, which is placed on the cleaner.

Capacity based on 15% H₂O:
8% incoming up to 2% under 2.2 mm
- Wheat, Rye, Sorghum and Malted Barley: 0.25 t/h
- Oats, Maize, white Rice: 0.15 t/h
- Soya, Peas, Rape, Green coffee: 0.10 t/h
- Paddy rice: 0.10 t/h
- Sunflower, roasted Coffee, Beet seed: 0.10 t/h
- Rye grass, clover: 0.05 t/h

Dimensions:
- Machine height (without fan): 2085 mm
- Machine length: 1512 mm
- Machine width: 855 mm
- Height, standard inlet hopper: 325 mm

Screen area: 0.96 m²

Round outlet pipes:
- From screens: dia. 60 mm

Motors:
- Screen: 0.55 kW
- Airlifting fans (integral): 0.55 kW
- Shaker feeder (integral): 0.55 kW
- Top fan (optional): 2.2 kW

Air volume:
- Pre- and post-suction: 2000 m³/h

Total weight of cleaner:
- Without top fan: 600 kg
- Freight volume: 3 m³

Dynamic loading at 4.8 Hz:
\[ \text{PH} = +/\ - 1300 \text{ N} \quad \text{PV} = +/\ - 900 \text{ N} \quad 10N = 1 \text{ kg} \]

This DELTA cleaner can, in a few minutes, be converted to different cleaning programmes, e.g.:
- Beans, lupin seed, maize
- Oats, wheat
- Malting barley
- Rye grass, Red fescue
- Rape, peas, lentils

Copyright © - The right to alterations is reserved