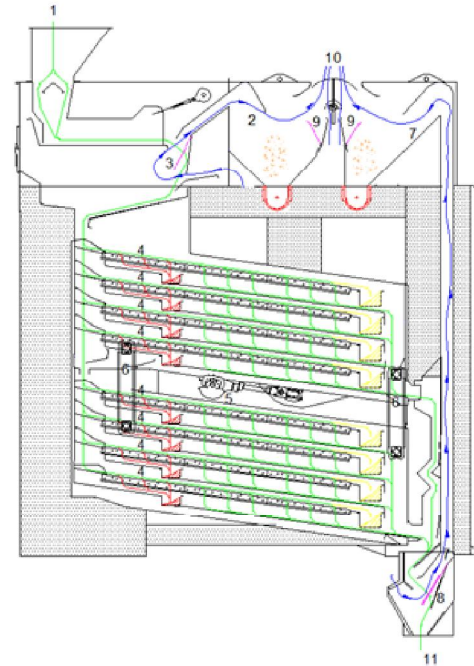


DELTA PRE CLEANER 159

Cimbria Pre Cleaner type 159 has been developed for pre-cleaning of Grain, Peas, Maize and Oilseed. The machine's large screen area with its accurately matched stroke and frequency, is complemented by Cimbria's highly efficient pre- and after suction system.

1. **Inlet**
Optimal feeding in the full width of the machine is achieved by a shaker feeder with step-less speed adjustment.
2. **Pre Suction**
A precise adjustable airflow from the suction system removes dust and fines from the incoming product and discharge it in the screw conveyor outlet.
3. **Pre suction Air Velocity** can be adjusted to the specific product
4. **Screens** (L x W = 800 x 1250 mm)
The screen flow is fixed with one sift and two scalping screens in each row.
5. **Eccentric Drive System for Screen Shoes**
Is delivered with fixed speed.
6. **Drive-Boss** suspension system for the screen shoes guarantees a well-balanced performance and with its oscillating screen movement results in the sharpest possible separation.
7. **After Suction**
A precise adjustable airflow from the suction system removes light particles from the product flow before it leaves the machine. The lights are lifted to the screw conveyor outlet.
8. **After suction** Air Velocity can be adjusted to the specific product
9. **False air intakes (2)** for adjustment of air volume in pre- and after suction systems.
10. **Central Aspiration connection**
11. **Outlet Clean product**



Pre cleaning capacity: (max. 20 % moisture content) may vary depending on specific conditions & impurities	
Wheat, barley, rye, sorghum	200 t/h
Peas, maize, soya bean	180 t/h
Paddy rice	80 t/h
Sunflower: (14 % moisture content)	80 t/h
Wheat: (max. 15 % moisture content)	250 t/h
Cleaning of Oilseed: (7,0 - 9,0 % moisture content) depending on specific demands and conditions	
Rape seed (cleaning from 5 % to 2 % impurities)	80 t/h
Sun flower (cleaning from 4 % to 2 % impurities)	80 t/h
Dimensions:	
Machine total height (including inlet hopper)	5.085 mm
Machine height	4.550 mm
Machine length	4.315 mm
Machine width	2.270 mm
Screen area	24 m ²
Outlet pipes	Ø 160/Ø 200 & 160 x160 mm
Motors:	
Shaker feeder (variable speed)	1.5 kW
Screen shoes	3.0 kW
Air volume:	
External suction (60 mm WG)	12.000-18.000 m ³ /h
Total weight of the cleaner:	8.000 kg
Freight volume	65 m ³
Dynamic loading at PH= +/- 1420 N, PV= +/- 7575 N, 10 N = 1 kg	4.6 - 4.8 Hz:

The technical data may vary because of redevelopment or another combination of the machine.