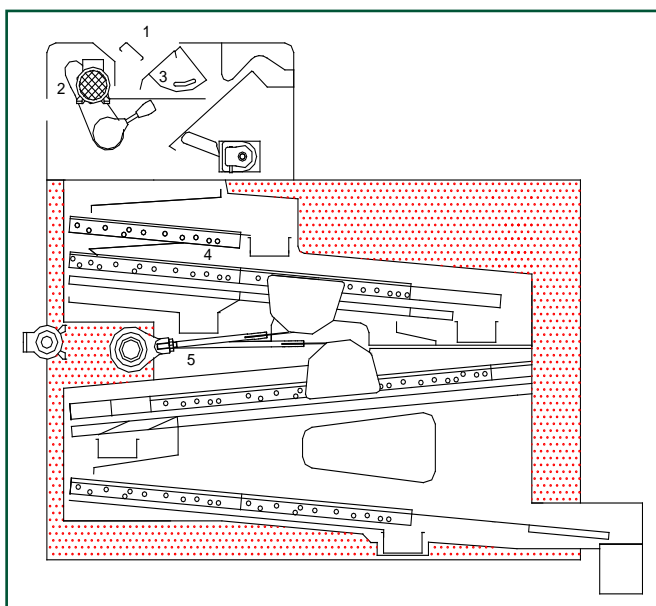


Data Sheet 124

Cimbria DELTA 124



Cimbria DELTA 124 is developed for grading of cereals and seeds.



1. Inlet

Optimal feed over the width of the machine is achieved by a shaker feeder with stepless adjustment via gearbox, hand operated variator or integral motor.

2. Shaker feeder

Ensures an uniform feeding over the entire width of the machine also when cleaning difficult flowing products, i.e. grass seed, in addition the shaker feeder also prevent the product from flowing when the shaker feeder has stopped.

3. Adjustable feed gate

The feed gate will only be adjusted when the opening need to be bigger due to difficult flowing products, i.e. grass seed.

4. Screens

(L x W = 800 x 1250 mm) can be employed as sieves, sorters or graders, and are effectively kept clean by rubber balls in newly developed ball boxes. It is not necessary to take out the ball boxes when changing screens.

5. Eccentric drive system for screen boat

Supplied standard with fixed speed or alternative with manually operated frequency variator.

Capacity based on 15% H₂O: Grading 3-4 fraction with 95% correct size in each grade	
Wheat, rye, sorghum and malted barley	2.5-3.0 t/h
Oats, maize and white rice	1.5-2.5 t/h
Soya, peas, rape and green coffee	1.0-1.5 t/h
Sunflower and beet seed	1.0-1.5 t/h
Dimensions:	
Machine height (without fan)	2270 mm
Machine length	3086 mm
Machine width	1760 mm
Width incl. sacking off spouts	532 mm
Screen area:	
	7.0 m ²
Square outlet pipes:	
(Adapter to round available)	
a) from screens	160 x 160 mm
Motors: (standard)	
Screen	1.5 kW
Shaker feeder (integral)	0.75 kW
Air volume:	
Pre-suction	1000 m ³
Total weight of cleaner	
	1780 kg
Freight volume	11 m ³
Dynamic loading at 4.6 - 4.8 Hz:	
PH= +/- 123 N PV= +/- 1075 N 10 N = 1 kg	

Technical data can vary for certain of the above due to continued development, or a different machine composition.

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