Combi Cleaner DELTA 146

Cimbria Delta Combi Cleaner 146 is an extremely versatile screen cleaner specifically designed for many different cleaning purposes, ranging from precleaning of all cereals, peas, rape seed to fine cleaning of bread cereals, seed grain and malting barley, using a large screen area in conjunction with a sophisticated aspiration system.

The flexibility of this machine is due amongst other things to its readily adjustable screen inclination from 6 to 12 degrees. The screen inclination has essentially different cleaning purposes:

1. **Pre-cleaning of wheat and barley:** Screen inclination 12°, hourly capacity 100 tph.
2. **Cleaning of malting barley:** Screen inclination 8°, hourly capacity 15-25 tph (depending on the quality of the pure malt).
3. **Cleaning of rape seed:** Screen inclination 7°, hourly capacity 20 tph (cleaning efficiency approx. 98%).
4. **Cleaning and grading of cereal seeds:** Screen inclination 6°, hourly capacity 8-12 tph.

The screen cleaning effect of the 15 m² total screen area is increased by Cimbria’s highly effective pre and after suction system, extracting light impurities from the material both at the machine inlet and outlet.

Optimal feed over the width of the machine is achieved by a shaker feeder with stepless adjustment via frequency regulating. Ensures an uniform feeding on the entire width of the machine also when cleaning difficult flowing products, i.e. grass seed, in addition the shaker feeder is designed for many different cleaning purposes.

The three lower rows of screens can be utilized as grading screens or sand sieves according to cleaning purpose. The screen inclination can be adjusted from 6 to 12 degrees through a worm with hand wheel.

The two pre-screens, (operating in parallel) separate coarse impurities while the three bottom sieves (operating in parallel) can be utilized as grading screens or sand sieves according to the material to be cleaned.

The screen boats are manufactured of selected insect and moisture resistant marine plywood.