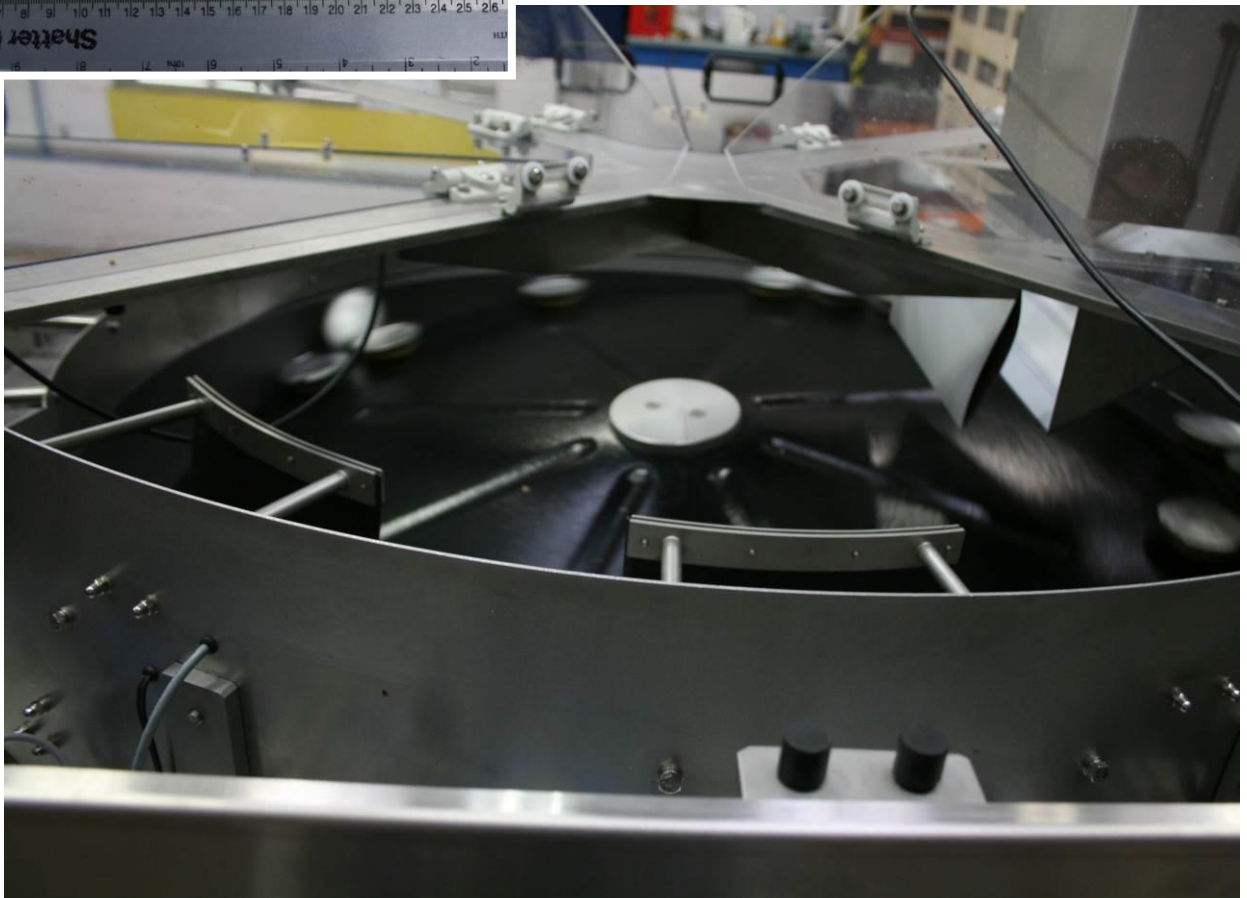




Orientating and Feeding of Muesli Container



## Feeding & Handling System



## Description:

### Sector

Food & packaging industry

### Component

Muesli container Ø98 mm / 80 mm x 30 mm

### Technical Requirements

The components are discharged axis vertical, radius to radius, major diameter lowermost, edges overlapping. The request is to feed and orientate 200 components per minute

### Operation Description

Component handling system tooled to feed and orientate a muesli container consisting of a centrifugal feeder complete with pre-feeder and conveyor out-feed.

Muesli containers are loaded into a 500 Litre hopper feeder and a 'Z' type elevator doses into the centrifugal feeder. The centrifugal feeder orientates the muesli lids face all one way on edge, and then turned through 180 degrees via a 'C' track before proceeding along the conveyor out-feed.

### Performance

200 components per minute total

### Elements of the Feeding System

Pre-feeder consisting of a 500 Litre bulk feeder and a 'Z' type elevator; Centrifugal feeder fitted with an interlocked polycarbonate lid and 'c' track; Conveyor out-feed consisting of a 10 m long conveyor and an L-shape conveyor.

### Design & Finishes

Food design

Component contacts: Stainless grade 304, hard anodised aluminium, and FDA approved polyurethane. Non-contacts: Stainless grade 304, anodised / painted aluminium and painted mild steel.



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