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

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