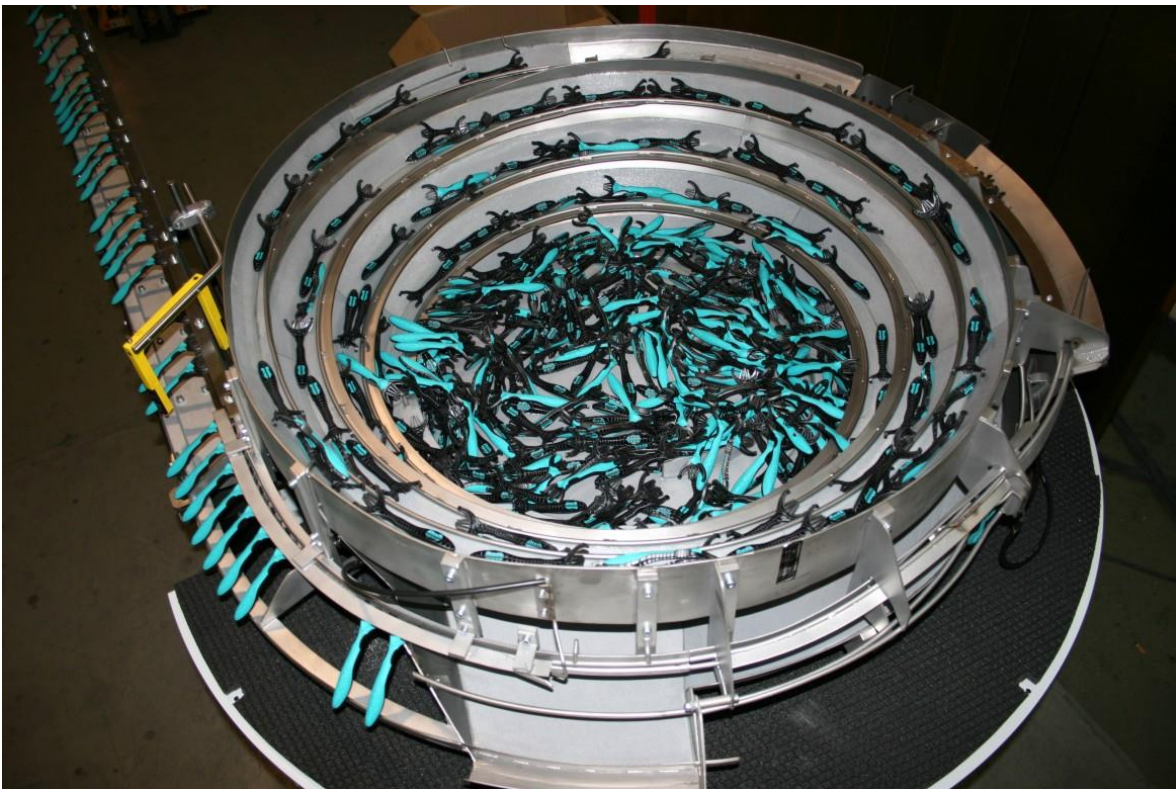




Sorting and Feeding of One Type of Razor Blade Handle



Feeding & Handling System
Ref.285



Description:

Sector

Fast Moving Consumer goods & cosmetic industry

Component

One type of razor blade handle as a 2-component moulded part (plastic and rubber).

Technical Requirements

Orientating the above parts to the customers machine

Discharge Position

Side by side hanging from the blade holder, handle across track angled at approx 45 degrees, rubber grip face uppermost

Operation Description

The components are transferred from the bowl type 630 correctly oriented to the subsequent buffer track – a linear feeder type SLL 800-1400B as a special design with 3 magnets accumulates the product prior to the assembly machine.

RNA's technical expertise is shown in feeding the 2-component moulded part with rubber ply due to its sticky nature.

Special attention is given to the coating in the bowl top, because it is a cosmetic consumer product any kind of component damage must avoided. This is achieved through a mixed coating in the sorting bowl of habasit and flock coating.

The special requirement lies in the yield of 65 pieces/min.

Performance

65 parts per minute.

Control

Control units: Frequency control unit type ESR2000 for vibratory bowl feeder, ESG 1000 for the linear feeder.

Integration into the assembly machine control is carried out by the customer.

Elements of the Feeding System

Vibratory bowl feeder

Linear feeder

Mounting frame and base plate

Hopper, type BFK, as a special design:

- Entire bulk hopper is made of brushed VA
- FDA belt with cleats
- Rapid purging system



For further information, please contact sales at:

RNA Automation Limited

Tel: +44 (0)121 749 2566

Fax: +44 (0)121 749 6217

www.rnaautomation.com