

Elscint Automation

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Case Study – Feeding of Razor Blades with Covers

Industry - FMCG Industry

Requirements -

1. High Speed –150 pieces per minute
2. Critical Orientation

Orientation – Open side facing sky

Accessories provided –

1. Elevator
2. Hoppers
3. Gravity Chute
4. Auto-Switch off mechanism

Vibrator Model – Model 250 & Model 400

Description -

Elscint manufactures a special very high speed vibratory Bowl Feeder for feeding of razor blades. These razor blades are with covers and need to be oriented in a particular way. A very high speed is required. Elscint has developed a special cast aluminium bowl for this application which gives very high speeds. There are 4 ways in which the razor with covers can come, out of which only a single type is used. Still Elscint can provide a final oriented speed of 150 pieces per minute. This speed is achieved without the use of air to aid the feeding. However, air is used for orientation as well as on the horizontal track of upto 1500 mm ahead of the bowl feeder. Elscint bowl coating is provided on the bowl for smooth feeding.

Further operation -

Capping Machines



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