

Elscint Automation

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Case Study – Feeding of Chain Links

Industry - Auto Ancillary Industry

Requirements -

1. High Speed – 300 pieces per minute

Orientation – Open side forward

Accessories provided –

1. Elscinthane PU coating

Vibrator Model – Model 250

Description -

Elscint manufactured a vibratory bowl feeder to feed links of chains. Links are a very small part where the orientation is difficult and the required feed rate or speed is also very high (upto 300 pieces per minute). However, Elscint Automation has developed a vibratory bowl feeder, which not only orients the links in the correct manner but also feeds them at a very high speed. Proper overflow is provided in the bowl so that there is no jamming of components in the track even if the outlet is closed / chute is full. This eliminates the requirement of having a Sensor for stopping the Vibratory Bowl Feeder every time the outlet chute is full.

Further operation -

Feeding to assembly machine.



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