

Elscint Automation

W-191 Bhosari MIDC, Pune 411 026
Tel.: 27122059 Fax :+91-20-27122994
E-mail: sales@elscintautomation.com
Website: www.elscintautomation.com

Case Study – Feeding of Diodes

Industry - Auto Ancillary Industry

Requirements -

1. Critical orientation
2. High speed

Orientation – Rolling

Speed / Feed Rate – 100 pieces / Minute

Accessories provided –

1. Elscinthane PU coating
2. Stand
3. Gravity track
4. Auto-switch off mechanism

Vibrator Model –Model 400

Description -

In this case, rolling orientation was provided for the diodes. Diodes being very thin having diameter of 1 mm and length of 50 mm have a tendency to come out of the vibratory bowl feeder in axial or lengthwise manner. However, Elscint Automation has been able to design a novel orientation tooling, which ensures the diodes come out of the bowl in rolling orientation. Additionally, singling or escapement was provided which in turn helps in releasing the diodes one at a time.

Further operation -

Assembly machine

