

Elscint Automation

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Case Study – Feeding of Spherical Rollers

Industry - Bearing Industry

Requirements -

1. Various sizes
2. Simple changeover
3. High speed

Orientation – Axial

Speed / Feed Rate – 40 to 200 pieces / Minute

Accessories provided –

1. Elscinthane PU coating
2. Stand
3. Gravity Chute
4. Auto-switch off mechanism
5. Elevator

Vibrator Model –Model 400

Description -

Separate vibratory bowl feeders have been developed for spherical rollers having diameter less than length and those where the diameter is more than or equal to length. Spherical rollers having diameters as large as 50 mm and lengths of 80 mm can be fed through this bowl feeders. Additionally, as the weight of the Spherical Rollers is more and the loading height is high, a Belt type Hopper Elevator has been provided. This leads to dumping of the heavy rollers at the ground level and reduces operator loading and interference.

Further operation -

Grinding
Honing



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