

Elscint Automation

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Case Study – Feeding of Cages & Rings

Industry - Bearing Industry

Requirements -

1. Various sizes
2. Simple changeover
3. 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 -

Elscint manufactures a standard bowl for the bearing industry for feeding of cages and rings of various sizes through the same bowl feeder with a very simple changeover from part to part. Cages having diameter less than length as well as where diameter more than length can be fed through the same Bowl. Elscint has developed a special cast aluminum bowl for this application. Elscinthane PU coating is provided to ensure smooth feeding. This comes with a single post stand having a height adjustment of (+/-) 100 mm on each side and chute from which the components can be fed in oriented manner to the next operation.

Further operation -

Grinding
Honing

