

# Elscint Automation

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## Case Study – Feeding of Spoons / Scoops

**Industry - FMCG / Pharmaceutical Industry**

### Requirements -

1. Variety of spoons / scoops to be fed through single bowl feeder
2. Critical orientation

**Orientation – Hanging**

**Speed / Feed Rate –100 pieces / Minute**

### Accessories provided –

1. Stand
2. Gravity chute
3. Auto-switch off mechanism
4. Escapement

**Vibrator Model –Model 400**

### Description -

The vibratory bowl feeder for feeding of plastic spoons and scoops is designed in such a manner that with slight adjustment, various sizes of spoons can be fed through the same. A stainless steel fabricated Bowl was used, though these parts can also be fed through cast aluminium PU coated bowls. In case of spoon & scoop feeding, not only is the orientation very critical but the speed or feed rate required to be achieved is also very high. Additionally, singling or escapement is provided which in turn helps in releasing one spoon / scoop at a time.

### Further operation -

Packing

