

Elscint Ahead



- ▶ FEEDING IN THE LATEST
- ▶ FEEDING OF RUBBER SEALS
- ▶ FEEDING OF METAL CUPS

Components for which systems are available

Feeding In The Latest . . . *Monish Shete*

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This edition of the Elscint Ahead Newsletter reaches you even as most countries along with India are easing the unprecedented lockdown. The two news stories of this month are about projects completed in March. As usual, you can write to us with your feedback and also download the back copies of the [Elscint Ahead Newsletter](#) and the [pdf version](#) of this newsletter.

Vibratory Bowl Feeder for Rubber Seals

[Elscint](#), recently manufactured a feeding system for two types of rubber seals, one having size dia 10 mm x 8 mm height while the other was dia 11 x 8 mm height. The equipment consisted of a 10 ltr. Hopper tray mounted on Elscint Linear Vibrator Model LF I with a level controller for start / stop of the hopper based on the level of parts present in the bowl. Vibratory bowl feeder Model 160 with a cast aluminium bowl with Elscinthane PU coating was used for this purpose. Thereafter a linear track of 350 mm length mounted on linear vibrator Model SM I was provided to convey the parts upto the assembly station of the customer. The orientation required was open side facing sky. Output / speed of 60 parts per minute was required by the customer. Elscint managed a speed of 120 parts per minute in a single row. There being a sensor mounted on the linear track, the vibratory bowl feeder switched on / off depending upon whether the track was full / empty. The whole equipment was mounted on a single base plate and supplied to the customer in South India within 4 weeks. [You can watch the video of the equipment](#)



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Vibratory Bowl feeder for Metal Cups

[Elscint](#) recently completed a project where in the requirement was for feeding of two types of small metal cups having diameter 12 mm x 12 mm height while the other size was 16 x 16 mm in a vibratory bowl feeder in a single row. As the diameter of and the height of the cups were the same, it entailed a different type of challenge. However, Elscint took and completed this challenge within record time. A very simple adjustable changeover was provided making it easy for even the operator to change the parts fast and quick. Two vibratory bowl feeders were supplied where one was clockwise while the other was anti-clockwise. The requirement was for both to feed to tracks next to each other. The speed required was more than 120 cups per minute per row for both the sizes. The orientation required was open side facing sky. Elscint used its Model 250 for this requirement with a cast aluminium bowl with Elscinthane PU coating. This coating, which is available in green, red, brown and white colours with Elscint ensures the life of the bowl increases and the feed rate too is excellent. Model 250 has a very robust design with excellent build quality which is the hallmark of all Elscint products. The total linear speed which can be generated in Model 250 is 12.5 mtrs per minute, making it one of the fastest bowl feeders in the world.

Additionally, the compact size of the bowl (having a total diameter of just 400 mm) makes it easy to mount on the customer's table / machine, as the case might be. Hence, the choice of Model 250 for this requirement was very apt. In fact, this was the 8th equipment manufactured by Elscint for the same part and customer. [You can watch the video of the cup bowl feeder.](#)



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