

Elscint Automation

The Elscint Newsletter

2/2008



Topics covered in this Newsletter –

- 1. Elscint two outlet vibratory feeder for stacking chain links**
- 2. Elscint Vibratory Bowl Feeder Model 100**

Good morning! Please find enclosed the Elscint February newsletter. As most of you are aware, the purpose of this newsletter is two-fold: to keep our valued customers informed about the vast range of products which we at Elscint manufacture and the new product developments taking place and of course, most importantly to increase customer interaction. We, at Elscint, strive to provide our customers with high quality products at par with international standards that are safe and sturdy to use, guaranteed with long-term, maintenance-free performance. We shall be happy to cater to your requirements – just call us or email us, and our sales team shall promptly attend to your needs. Lastly, we hope you find this newsletter informative and useful and would be happy to receive feedback from your end on the same as well on making the newsletter better.

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Elscint two outlet vibratory feeder for stacking chain links

Elscint manufactures a vibrator bowl feeder for feeding, orienting and stacking of chain links. These chain links are of various sizes and types with two holes in the same. They are stacked in a magazine which consists of two rods which go into the holes in the chain links. This ensures that the chain links do not fall after stacking. The unit consists of a vibratory bowl feeder, two stacking stations and a table to mount the same. The two outlets are at

180 degrees to each other. A special stainless steel step design bowl is manufactured to ensure that the chain links get fed properly in the correct orientation. After feeding and orienting the same, they get stacked on the two rods. The rods are removable and can be tightened and loosened with the help of a toggle clamp. This makes the removal and replacement of the rods very easy. Elscint provides two extra sets of rods so that the operator can replace the rods while he uses the stacked magazine. This ensures that the operator's time is utilized most productively. The speed or feed rate achieved is more than 100 pieces per minute per outlet. The vibratory bowl feeder comes with Elscinthane polyurethane bowl coating. A rough texture is given on the Elscinthane coating so that even oily chain links can be fed through the same. The life and performance of the bowl feeder improves tremendously due to the Elscinthane bowl lining. The control is by way of an electronic voltage controller, namely model Elscrtl, which ensures smooth feeding. Provision for overload cut-off, soft start and soft stop is provided in the controller to ensure trouble free usage.



Elscint Vibratory Bowl Feeder Model 100

Elscint has introduced an improved version of its Vibratory Drive Model 100. This is a very compact and small Vibrator Drive mainly used for very small components. The diameter of the drive is only 100 mm. However, it has a very powerful Full Wave Coil and bowls having diameter of upto 140 mm can be used on this drive. The advantage of having a full wave coil is that the vibrations are very smooth and secondly the energy consumption is less by almost 40% as compared to half wave coils. Model 100 has a single coil mounted at the centre of the drive with 3 spring packs located at the peripheries of the drive. The model 100 comes with a fixed screw able cover

for easy removal. Elscint can offer machined bowls in either stainless steel or cast aluminium or even other materials for this drive. The advantage of purchasing the bowl from Elscint Automation is that there being a lot of qualified bowl toolers, tooled bowls can be provided at a very reasonable price at a very low delivery time. However, Elscint can also sell only the drive with or without the controller.



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