



## Topics covered in this Newsletter –

1. **Elscint Automatic Riveting Machine**
2. **Elscint Half bearing feeding system**

By the time, this newsletter reaches you, summer is about to end and all of us in India await the start of the monsoon season. Monsoon also means a reduction in electrical load shedding in most parts of India, which helps us to achieve higher production in the coming months. However, higher production goes hand in hand with the rising manpower costs and the various problems associated with labour. Hence, it is always worthwhile to go for automation. In case of part feeding automation, vibratory bowl feeders come at the top. So, if you have any component which requires automation, do remember Elscint! We also hope that you find this issue of the Elscint Newsletter interesting. And as always, in case you have any new requirements, please do give us a call / mail and we would be more than happy to help you with your requirements.

### 1. **Automatic Riveting Machine**

Elscint manufactures an Automatic Riveting Machine. In this equipment, the rivets are fed through a Vibratory Bowl Feeder to the Riveting Station. The other part (Spring, Strip etc.) can either be placed manually or automatically from another Vibratory Bowl Feeder. Alternatively, the Strip can be fed through a De-reeler and cut as per the requirement and fed automatically. Other options which are available is checking of the Spring / Strip etc. before riveting, counting of the number of pieces riveted, automatic stoppage of Machine when a wrong rivet / spring is fed etc. At the riveting point, the riveting takes place and the completed riveted assembly is blown out or removed manually as the case might be. For this a riveting machine is mounted on a specially designed platform. Either a spun riveting machine or an impact riveting machine can be provided with this. This Machine finds a lot of usage from various Switchgear and Contactor Manufacturers. Productivity increases tremendously with the usage of this Elscint Automatic Riveting Machine.



## 2. Elscint Half Bearing Feeding System

Elscint has developed a unique feeding system for feeding of Half Bearings of various sizes. Half Bearings of upto dia 90 mm or even more can be fed through this system. This equipment consists of an Elscint Vibratory Hopper Feeder, two Elscint Linear Vibratory Feeders and an Elscint Small Parts (Conveyor) Feeder. The speed of operation or the feed rate can be upto 60 pieces per minute in an oriented manner. He further informed that this Speed can be varied through a potentiometer. Additionally Electronic Controls are provided to synchronize the speed of the various components listed above in order to reduce the manual intervention and setting. Two Models are available, one with PLC Control and a lower end Model without PLC Control to suit the customers requirements and budgets. The Elscint Small Parts (Conveyor) Feeder is used for recirculation of unused parts. A special orientation device is used for orientation of the Half Bearings. Upto 150 Kgs of material can be loaded in the Vibratory Hopper. This makes the system totally manless and the operator can be utilized to do some other work. This system has been found beneficial to various Half Bearing Manufacturers all over the world.

For further details / information please contact us at -

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