

Elscint Automation

The Elscint Newsletter

7/2007



Topics covered in this Newsletter –

1. Elscint Vibratory Counting System
2. Elscint Vibratory Bowl Feeders for Engine Valves

Good Morning! This is the 12th issue of the monthly Elscint Newsletter. The Newsletter was started as an effort to inform our customers about the various new product developments taking place and use it as a forum for increasing interaction. We are overwhelmed with the response which we have received uptill now. We thank you for taking time off to read the newsletter and providing us with feedback. We would be very glad to receive feedback from you as to how to make this newsletter more interesting. 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. Last but not the least, in case you do not want to receive this newsletter in the future, please send a blank mail to – sales@elscintautomation.com with unsubscribe in the subject.

1. Elscint Vibratory Counting System

Elscint Automation, manufactures an automatic Vibratory Counting System for counting for small parts like Plastic Caps, Spouts, Screws, Rivets, Capsules, Electrical Connectors, bearings, as well as heavy parts such as anchor bolts, bearing races and metal sockets. The standard equipment consists of a suitable Elscint Vibratory Bowl Feeder, correctly chosen from a variety of Models which Elscint offers, a Sensing Device and an Electronic reset able Counter. The Counter can be even upto 10 digits! and even more in case of special requirements. Counting Speeds can be very high, even upto 1000 parts per minute, depending upon the component which requires counting. Once a preset number is reached, the Counting can be made to stop automatically. Restart can be either manually or again automatically on receiving of a Signal. Counting accuracies are more than 99.99%. This equipment finds usage in various industries, namely, cosmetic, electrical, mechanical, pharmaceutical, optical, bearing and many other industries. Standard Bowl

Feeders and Counters being in ready stock, delivery times are very low and the prices are very competitive.

2. Elscint Vibratory Bowl Feeders for Engine Valves

Elscint Automation manufactures a Vibratory feeding system for feeding of Engine Valves having dia from 20 mm to 50 mm and length between 30 mm to 200 mm. All The equipment has been designed in such a manner that all sizes between these dimensions can be fed without any changeover. Elscint Vibratory Bowl Feeder, namely, Model 630 or Model 400 HD is used for feeding and orienting the Engine Valves. Thereafter, through a Pneumatic take up system, each Engine Valve is transported up to a height of 2 Meters from the Ground Level for further feeding. The standard unit is made in such a way that the unloading height can be reduced to any level upto 2 Mtrs. Speed of between 40 to 100 pieces per minute can be achieved depending upon the size of the Engine Valves. This system results in a smooth flow of components without any starvation to the next Machine. This increases the productivity of the Engine Valve producing unit. The biggest advantage of this system is loading of the heavy Engine Valves at a height of just 500 mm, usage of the bare minimum space and flexibility of feeding various sizes of Engine Valves through the same Feeding System. Elscint can even sell only the Vibratory Bowl Feeder or only the Pneumatic Take up Unit. This Feeding System is available in PLC and non-PLC (Electrical Control) versions. Accessories on offer are Elscintane PU coating, which reduces the noise level by more than 10 to 12 Db and Elscint Noise Enclosure which further reduces the noise level to a manageable 70 Db. As Elscint has made this product a standard one, delivery times are very less and the cost is reasonable.



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