



Components for which systems are available

▶ FEEDING IN THE LATEST

▶ VIBRATORY BOWL FEEDER FOR PLASTIC CONTAINERS

▶ RUBBER GROMMETS / VIBRATION DAMPENERS

Elscint Ahead

Feeding In The Latest ...
Monish Shete

Visit Us At www.elscintautomation.com

Did you attend the IMTEX exhibition in Bangalore in the last week of January? Elscint decided to skip it this time, as it was primarily for metal forming and secondly, with a huge number of exhibitions taking place all over India almost every month the relevance of exhibitions per se, seems to have reduced. Lastly with the advent of the internet, most purchasers tend to search for suppliers on the net instead of through exhibitions! Let me know about your views in this regard. It will surely help us in deciding whether to participate in the forthcoming exhibitions.

Coming to this edition of Elscint Ahead, the first news is about a recently completed export order. The next topic is technical information about rubber grommets or vibration dampeners. More specifically, the Elscint design for the same is explained. It is quite different from that of other makes and I am sure all the designers reading this newsletter will surely appreciate this concept. Read more about it in the second news story.

Elscint Vibratory Bowl Feeder for Plastic Containers

Elscint recently completed the feeding of very light plastic containers in a bowl feeder. Elscint used a large bowl having a diameter of 1100 mm for this purpose. It was mounted on a Model 630 drive unit. The plastic containers were having size 55 mm x 85 mm x 20 mm with one side open. The requirement was to get the containers standing with open side facing sky, rotate them 360 degrees so that an air jet could be provided while the container was having orientation "open side facing ground" to remove dust from the same. Elscint completed this job with a stainless steel bowl with Elscinthane red colour coating. A speed of 60 pieces per minute was achieved. Elscint manufactured two identical bowls of this specification for the customer. The bowl feeders were exported to Australia.



Elscint Automation

W-191 Bhosari MIDC
Pune 411 026, India
Tel.: +91-20-27122059 Fax: +91-20-27122994
Email – sales@elscintautomation.com
Website – www.elscintautomation.com



All vibratory bowl feeders have some sort of vibration dampeners underneath so that the vibrations are not transferred to the base on which the vibratory feeder is mounted. Vibratory feeders have to be bolted properly to the base so that they do not shift or move during working. Most vibratory bowl feeder manufacturers provide rubber grommets or rubber pads below the vibratory bowl feeders for isolating the vibrations from the base. However, most vibratory bowl feeder manufacturers use the rubber pads itself for providing mounting for the vibratory feeders. There is M6 / M 8 / M10 threading (depending upon the size) which can be used. However, the problem in this type of arrangement is that the bowl feeder has to be mounted from the bottom, relating to increased work for the operator / assembler. Secondly, as the rubber pads are exposed, there is the chance of oil / water / coolant seeping upto it and reducing their life. As against this, Elscint provides a separate base plate after the rubber pads, which not only further isolates the vibrations but also provides top mounting which is very easy to use. The rubber isolating parts are also enclosed inside the counter mass, providing them much needed protection so that their life increases. Due to this design, not only the life of the rubber grommets increases but they do not shear during transportation. The pictures on the side show how the rubber grommets are placed and how they can be changed in case of need. You can read more on this at - <http://blog.elscintautomation.com/post/Rubber-Grommets-Vibration-Dampeners.aspx>

Rubber Grommets / Vibration Dampeners



Elscint Automation

W-191 Bhosari MIDC
Pune 411 026. India
Tel.: +91-20-27122059 Fax: +91-20-27122994
Email – sales@elscintautomation.com
Website – www.elscintautomation.com

