

○ 02/2015 | ○ February | ○ 2015



Components for  
which systems are  
available

▶ FEEDING IN THE LATEST

▶ NEW SALES  
REPRESENTATIVE IN THE UK /  
IRELAND

▶ ELSCINT 6 OUTLET  
VIBRATORY BOWL FEEDER FOR  
FEEDING CONDOMS

# Elscint Ahead

*Feeding In The Latest . . .*

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The first news of this Elscint Ahead Newsletter is about the appointment of a new technical sales Representative for Elscint in the UK and Ireland. With a lot of inquiries coming from the UK, it was pertinent that a local person be available and hence the appointment of Barry Bowen. The second news story is about a recently completed feeding system for feeding of condoms. Hope you find it interesting. 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 too.

## New Technical Sales Representative in the United Kingdom & Ireland

[Elscint](#) Automation, has appointed a new technical sales representative in the United Kingdom, Quantum-3 -

### Barry Bowen

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Quantum 3 is a reputed company in the United Kingdom which already provides a lot of solutions to machine builders like Belt conveyors, machine structures, guarding solutions etc. It is also the UK representative of companies Ober, Stoeger etc and Elscint vibratory bowl feeders would be a perfect addition to this range.

For British customers as well as those based in Ireland, this is an excellent opportunity to have a local person to speak and interact with. In fact, the plan is to keep major spares and some equipment in stock in the UK with Quantum-3 so that delivery times and cost of freight would be reduced drastically.

Elscint is a well established name in the Indian market in the field of vibrating equipment and since the last 10 years has been steadily penetrating into the European market for bowl feeders. Buying a bowl feeder from Elscint has got the twin benefit of not only getting a quality product, having CE approval, thus conforming to the stringent European safety specifications but also the advantage of much lower prices as vibratory feeders is a labour intensive industry and labour costs are significantly less in India. Elscint has a very fast turnaround time and can provide quotations in less than 24 hours!

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## Elscint Vibratory Bowl Feeder for feeding Condoms in 6 rows

[Elscint](#) recently supplied a special set of [vibratory bowl feeders](#) for feeding of condoms in 6 rows. The speed or feed rate achieved was 75 condoms per minute per row in 6 rows. Two Elscint Model 630 vibratory bowl feeders were used for this purpose, each feeding 3 rows to a single linear vibrator. A single linear vibrator with 6 rows was provided with a pitch of 55 mm between two condoms. For this linear vibrator Model Elscint IV was used to convey the condoms forward. The major problem with condoms is that they are made of rubber and lubricated, making them very slippery. This results in the speed or feed rate being very less as the friction between the condoms and the bowl track is reduced, which does not allow them to move forward properly. However, Elscint provided a special type of bowl made of stainless steel for this purpose. Full welding was done at all areas to ensure that there were no crevices for dust accumulation. Another important point is that the mounting of the bowl has to be from outside to ensure that dust does not get accumulated in holes made for the screws required for bowl fixing. This too was taken care of. The condoms being in various shapes, another possibility is that of overlapping and jamming.

Elscint has perfected appropriate tooling for this type of bowl which eliminates this problem totally. Thus the feeding was very smooth without any overlapping or jamming. The fabricated bowls were having a diameter of more than 1200 mm each. Elscint provided two separate hoppers for each of these bowls, ensuring higher loading capacity so that it can be a truly manless operation. You can watch the [video of this bowl feeder for feeding of condoms](#).



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