

Elscint Ahead



▶ FEEDING IN THE LATEST

▶ NEW VERTICAL MACHINING CENTRE

▶ HIGH SPEED CARTRIDGE BOWL FEEDER

Components for which systems are available

Feeding In The Latest . . .

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A very Happy & Prosperous New Year to all the subscribers of the Elscint Ahead Newsletter. In this edition, the first news story is about a recently purchased Machine while the second one is about recently completed projects for feeding of razor cartridges at a high speed. 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.

Elscint purchases a new Vertical Machining Centre

[Elscint](#) recently purchased a new vertical machining centre of BFW make. This is in addition to the 5 Axis vertical machining centre which it already has. This is a large machine with a table size of 1200 mm x 610 mm on the X and Y Axis. This machine would help in reducing the machining time and set up time for machining its big vibrator drives. The advantage of reduced set ups is not only reduction in machining time but also improved accuracies. This will not only help in improved delivery times and repeatability for Elscint's customers. In fact, this puts Elscint in a totally different league vis a vis its competitors. Due to accurate machining, the performance of Elscint Vibrator Drives is superior to other makes and hence a lot of European Vibratory bowl feeder manufacturers prefer to source Elscint drives on a regular basis.



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Vibratory Bowl Feeder with Hopper Elevator for feeding Razor Cartridges

[Elscent](#) recently completed an order of feeding systems for a leading multinational shaving products manufacturing company. The scope of supply included a vibratory bowl feeder for feeding of the razor cartridges along with covers, an extra capacity hopper elevator, stand with height adjustment and a gravity track with a pneumatic escapement to release the cartridges on the conveyor of the customer's packing machine. Elscint even took up the integration part wherein the dispensed cartridges were placed on the conveyor at a very high speed by taking an appropriate signal from the conveyor. For the 43 mm long cartridges, Elscint provided a speed of 160 parts per minute with escapement. The bowl feeder fed the cartridges at a speed of more than 180 parts per minute. The hopper elevator was a vertical one with a capacity of 15000 cartridges, resulting in more than one hour's loading capacity. This helped one operator man 3 equipment. The equipment was provided with proper electrical controls and safety controls. Poka yoke was provided to ensure that cartridges without covers as well as only covers were removed from the bowl and collected separately. Elscint had supplied similar 10 equipment almost 15 years back which are working without any problems 24 x 7 at the customer's two locations. With addition of 6 more equipment, the total supplies went upto 16.

The Elevator was a vertical one ensuring that least amount of space was utilized for the same. Elscint specializes in manufacturing straight vertical elevators, which optimize the space. You can watch the video of the Elscint [Razor Cartridge feeding equipment](#).



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