

○ 05/2017 | ○ May | ○ 2017



▶ FEEDING IN THE LATEST



▶ FEEDING PLASTIC CAPS IN TWO ROWS

▶ ASSEMBLY OF SCREWS & WASHERS

Components for which systems are available

Elscint Ahead

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Feeding In The Latest . . .

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This edition of the Elscint Ahead newsletter contains two news items, the first being an innovative, two output bowl feeder manufactured recently while the second one is about a recently completed project for a customer in the USA, wherein we assembled screws and washers in a single bowl feeder. 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.

Feeding Plastic Caps in two rows

[Elscint](#) recently manufactured a Vibratory Bowl Feeder for feeding of pen caps in two rows. These pen caps are made of plastic and are light weight due to which orientation was very difficult as the open side has to come forward. In addition to this, there was a small clip on one side which was required to be on top. Elscint perfected the orientation of these parts and hence can provide feeding at a very high speed of even more than 60 pieces per minute (for the 40 mm length caps) per row with correct orientation. Further, the parts coming in the wrong orientation were turned to achieve more feed rate. The unique orientation concept perfected by Elscint was provided at two places to ensure that even a single wrongly oriented component does not come out of the bowl. Additionally, a gravity chute was provided, where too the clip does not lose its orientation. Elscint used a cast aluminium bowl with its popular Elscinthane PU coating in green colour. The tooling was made in stainless steel with full argon welding.



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Vibratory Bowl Feeder for Assembly of Screws & Washers

[Elscent](#) recently manufactured another novel Vibratory Bowl Feeder which can assemble Screws / Bolts and Washers. You just need to dump the Screws and Washers in the Bowl Feeder and they come out in an assembled manner. Pokayoke concept was implemented in the same to ensure that not a single unassembled Screw and Washer come out of the Bowl Feeder. Normally, for assembly of Screws and Washers, two Bowl Feeders are required along with a motorized or pneumatic station where they are assembled. This Bowl Feeder using the novel assembly concept pioneered by Elscint makes the assembly in only a single Vibratory Bowl Feeder. This not only saves space but also electricity consumption as only one single Vibratory Bowl Feeder is required and eliminates the need for one Vibratory Feeder and motorized assembly station. This Vibratory Bowl Feeder adds tremendous value for users of Fasteners who presently have to assemble Screws and Washers by hand or have to use costly Assembly equipment. Hence, this Vibratory Bowl not only reduces labour but also helps improve productivity. As Elscint has made this a standard equipment, most of the components are kept in stock and deliveries can be fast.

This “Assembly” Vibratory Bowl Feeder has generated tremendous response from customers. This further emphasizes Elscint’s pioneering efforts in the Vibratory Bowl Feeder industry. The recent one manufactured by Elscint was in fact, exported to the USA and [you can watch the video of the same](#).



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