

09/2023

September

2023

▶ FEEDING IN THE LATEST

▶ FEEDING OF PLASTIC SCOOPS

▶ ELSCINT PARTICIPATE IN MOTEK 2023

# Elscint Ahead

Components for which systems are available

*Feeding In The Latest . . .*  
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Welcome to the September edition of the Elscint Ahead Newsletter. The first news is about a recently supplied bowl feeder which was exported to the USA while the second news is about the upcoming Motek 2023 exhibition at Stuttgart, Germany in October, 2023, where Elscint is participating. You can download the [pdf version](#) of this newsletter as also the back copies of the [Elscint Ahead Newsletter](#).

## Vibratory Bowl Feeder for scoops



[Elscint](#), recently manufactured and exported a a vibratory bowl feeder for feeding of plastic scoops. The requirement was from an American customer. The scoop was having a diameter of 60 mm and ht. of 40 mm. The length of the tail was 110 mm. The requirement was to feed the same at a speed of 100 + parts per minute. The bowl was designed in a such a way that almost 100% of the scoops were used, whatever way they came. For this proper tooling was designed to get them into the correct direction. This ensured that the required speed was achieved.

A step / cascade design bowl was fabricated Bowl for this purpose. In case of scoop feeding, not only is the Orientation very critical but the speed or feed rate required to be achieved is also very high. The advantage of this type of bowl is that at the end any required orientation can be provided to the customer. Additionally, singling or escapement was provided which in turn helps in releasing one scoop at a time so that the same can be packed in a carton. As the length of the scoops was more than 110 mm, Model 630 having a bowl diameter of approximately 1000 mm was used for this purpose. Elscint's patented escapement with a SMC make pneumatic cylinder along with F/R/L and valves were used. The equipment was dispatched to the USA and hence was designed to work on 110 V / 60 Hz / 1 Phase input power. You can watch the [scoop bowl feeder video](#).

## Elscint Automation

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## Elscint to participate in Motek 2023 at Stuttgart, Germany

[Elscint](#) will be taking part in Messe Motek 2023 the largest Automation show in Germany being held in Stuttgart between 10<sup>th</sup> to 13<sup>th</sup> October, 2023. In addition to the regular products like vibratory bowl feeders, linear vibrators, some innovative products which will be showcased are rotary / centrifugal feeders. These and other equipment will be displayed in its Stall No. 5235 in Hall No. 5.

Elscint manufacturers high performance drives which Germany bowl toolers can purchase. Elscint can also supply tooled bowls to other bowl toolers with less delivery time and very attractive price. The drives, with CE Marking have excellent performance along with durability, solid built quality and zero maintenance. These units are correctly engineered to give stable performance at high speed with minimum maintenance. Complete machining is done on latest 5 Axis CNC machines. These high performance drive units can be ordered off the shelf. Totally encapsulated type coils with adequate power for particular models, are used. Both Full wave as well as Half wave units are available in each model.

Further, Elscint offers high quality tooled bowls at a very low delivery time. Long testing ensure that they function properly without any problems. Elscint also supplies linear vibrator drives and all bowl feeder accessories like escapements, singulators, level controllers, tracks, vibrating hoppers, belt hoppers and elevators etc.

Other products of Elscint are centrifugal / rotary feeders and step feeders. Centrifugal feeders can be made available from sizes of dia 300 mm to dia 1500 mm for high speed applications.

A major highlight will be that senior sales application engineers from Elscint will be available for interaction and discussions regarding the part feeding needs of its customers during the period of the exhibition. Customers are requested to take full advantage of this opportunity and come along with their sample components and feeding details for discussion with the sales application engineers of Elscint at its Stall.

Elscint is also looking towards appointing sales representatives and stockists for its products in Europe and this trade fair should be the starting point in that journey.

Contact \_\_\_\_\_ on \_\_\_\_\_ –  
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