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▶ FEEDING IN THE LATEST

▶ FEEDING OF LARGE PLASTIC CAPS

▶ BOWL FEEDER FOR LARGE PLASTIC SPOUTS

Components for which systems are available

Elscent Ahead

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Feeding In The Latest . . .

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This edition of the Elscint Ahead Newsletter contains two news stories, first news is about a recent supply to Belgium for feeding of large plastic caps. The second is about a recently completed bowl feeder for large plastic spouts. 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.

Vibratory Bowl Feeder for large plastic caps

[Elscint](#) recently manufactured and exported a vibratory bowl feeder for feeding large plastic caps in open side down orientation. In fact, there were two sizes of caps, one having diameter 76 x 16 mm ht. while the other one was having dia 69 x 14 mm ht.. The bowl feeder was for a large machine manufacturer in Belgium. The requirement was to feed the caps with the open side facing ground and use a 850 mm long vibrating track track and to keep the caps ready for pick up by the customer robot. The speed required was just 15 to 20 parts per minute but Elscint achieved a speed of 50 caps per minute for the smaller size caps and 40 caps per minute for the larger caps. Proper overflow arrangement was provided for the bowl feeder and both the units were mounted on a single base plate for easy integration on the customer's table. Model 400 HD with a diameter 800 mm bowl was used for this purpose along with Model Elscint II linear vibrator for mounting the 850 mm long track. Both the bowl and the linear track were manufactured in stainless steel. The equipment was completed in record time within the Christmas holidays of the customer and shipped by air freight to the customer's location in Belgium.



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Vibratory Bowl Feeder for large Plastic Spouts in 3 rows

[Elscent](#) recently manufactured a bowl feeder for feeding of large spouts in the orientation Cap up / Tail down in three rows. The spouts were having a cap of dia 32 mm and length of 37 mm. Elscint manufactured a step type bowl having diameter of 1100 mm to be used with its Model 630 drive unit which is a four coil version with 1500 VA rating. From the single track, the spouts were bifurcated into three rows and taken forward. The requirement was to get the spouts in tail down position. Most of the spouts came in different directions and they were turned into the right orientation. Afterwards, the spouts were taken forward on a linear vibrator of 850 mm length and a centre distance of 80 mm was maintained between each of the spouts. Speed required for 60 spouts per minute per row and Elscint achieved a speed of 70 spouts per minute per row. A sensor was provided on the innermost row of the linear vibrator (which was the slowest one).

This ensured that the bowl feeder could be switched off, reducing noise and power requirement. [You can watch the video of the equipment.](#)



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