

○ 12/2014 | ○ December | ○ 2014

▶ FEEDING IN THE LATEST

▶ ELSCINT TO TAKE PART IN IMTEX 2015

▶ ELSCINT DOUBLE HEAD AUTOMATIC TAPPING MACHINE

Elscent Ahead



Components for which systems are available



Feeding In The Latest . . .
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The first news of this Elscint Ahead Newsletter is about Elscint's participation in the upcoming IMTEX exhibition from 22nd to 28th January. Do visit our stall no. H104 in Hall No. 3A. I will be available most of the times and it would be a great opportunity to meet up! The second news about a recently completed project of a double headed automatic tapping machine. Hope you find it interesting. As usual, you can write to us with your feedback and also download the back copies of the [Elscent Ahead Newsletter](#) and the [pdf version](#) of this newsletter too.

Elscent to take part in IMTEX 2015

[Elscent](#) will be taking part in IMTEX 2015 the largest Machine Tool Exhibition in India being held in BIEC, Bangaluru, India from 22nd January to 28th January, 2015. In addition to the regular products like vibratory bowl feeders, linear vibrators and gear boxes and geared motors, some innovative products which are going to be displayed are rotary / centrifugal feeders for feeding of flat drippers, a large six outlet vibratory bowl feeder having diameter of almost dia 1200 mm made for medical components, weld nut feeder with air blow arrangement etc. These and other equipments will be displayed in its Stall No. H 104 in Hall 3A. Tooled and untooled bowls of all types i.e. stainless steel, cast aluminum, fabricated as well as machined types etc will be on display. 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 at the stall.



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Elscint Double Head Automatic Tapping Machine

[Elscint](#) recently completed an order for a double head Automatic Tapping Machine.

Two different components required tapping. Fortunately, the tap size and the pitch was same for both the components. Hence, Elscint suggested a single tapping machine with two bowl feeders but a single tapping head (with 2 spindles). The advantage was saving of costs. The components were fed through two separate vibratory bowl feeders to the individual tapping stations by a gravity chute. At the tapping station, tapping took place with the help of a specially designed double spindle tapping attachment. The components were stopped with an Elscint pneumatic escapement (patented) while the tapping took place. Further, the components were also clamped separately to ensure they do not twist or turn during tapping. After tapping, the tapped components were released / unloaded to fall into two separate bins provided for each of the two components. The machine had provision to run either both or one of the components. The machine had a PLC and a HMI by which the operator could select which component to run. This gave the customer the required flexibility for its production run. The machine had option of running a coolant or tapping oil. Recirculation of the oil / coolant was also provided for. The complete machine was enclosed in a dust free polycarbonate cover.

You can watch the [video of this tapping machine.](#)



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