

○ 01/2015 | ○ January | ○ 2015



Components for
which systems are
available

▶ FEEDING IN THE LATEST

▶ ELSCINT TO TAKE PART IN
IMTEX 2015

▶ ELSCINT DOUBLE HEAD
AUTOMATIC TAPPING MACHINE

Elscint Ahead

Feeding In The Latest . . .
Monish Shete

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A very happy new year to all of you. In this first Newsletter of the year 2015, the first news is about the upcoming IMTEX exhibition from 22nd to 28th January at Bangalore. 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 outlet spring feeder which was dispatched to the USA. Hope you find it interesting. 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 too.

Elscint @ IMTEX 2015

IMTEX is a flagship event for the Indian Metal Cutting Industry. It is South and South-East Asia's apex exhibition showcasing the very latest trends as well as technological refinements from India & other global players. The mega event attracts visitors from a wide spectrum of manufacturing and ancillary industries starting with key decision and policy makers as well as industry captains who are keen to source latest technologies and manufacturing solutions for their production lines. IMTEX has come to symbolise as a one-stop forum where customers can experience 'live' display of the products enabling them in the decision making process to enhance their manufacturing capabilities. More than a hundred thousand people are expected to visit IMTEX 2015 between 22nd to 28th Jan, 2015. You can register online to save your time - <http://tinyurl.com/Imtex-Elscint>. Elscint would be present in this prestigious show. Do visit Hall 3A, Stall H 105 and check out the special rotary / centrifugal feeder for feeding of flat drippers and a eight outlet vibratory bowl feeder made for medical components which would be showcased at the fair. It would also be an opportunity to get your clients for on the spot evaluation for their automation possibilities.



Elscint Automation

W-191 Bhosari MIDC
Pune 411 026, India
Tel.: +91-20-27122059 Fax: +91-20-27122994
Email – sales@elscintautomation.com
Website – www.elscintautomation.com



Elscint Exports Two Outlet Bowl Feeder for Springs to the USA

[Elscint](#) recently manufactured a vibratory bowl feeder for feeding of springs in two outlets. The wire diameter being small, these springs had a tendency of getting entangled between themselves. However, [Elscint](#) designed the bowl in such a way that the entangled springs fell back into the bowl and got disentangled while falling down. Only single disentangled springs came out of the bowl. Additionally, two tubular gravity chutes were provided so that two separate outlets could be provided at the centre distance required by the customer. At the end of the outlets, two separate [Elscint](#) pneumatic escapements (patented) were provided in order to release the springs one at a time. The customer required to feed the same to his disc grinder. Separate sensors were provided for the customer to actuate the escapements to release one spring at a time. The gravity chutes too had separate sensors in order to provide for “auto-switch off” once both the chutes were full. As there were two outlets, proper overflow was provided for each of these. The complete system was mounted on a stand made of aluminium extruded sections and height adjustment of (+/-) 100 mm was given. A speed of 120 springs per minute per row was achieved.

Presently the customer was manually feeding springs and this automation certainly reduced his manpower and increased the speed of operation.

The system was made to run on 110 V / 60 Hz supply as it was air shipped to a customer in the USA. You can watch the [video of this bowl feeder for feeding of Springs](#).



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