

Topics covered in this Newsletter –

1. **Elscint Double Outlet Roller, Feeding, Orientation and Elevating Pump Unit**
2. **Elscint Automation to take part in IMTEX 2007**

Elscint Double Outlet Roller, Feeding, Orientation and Elevating Pump Unit

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Vibratory
Bowl Feeders

Elscint Double Outlet Taper Roller, Feeding, Orientation and Elevating Pump Unit is a system designed for Feeding and Orienting Taper Rollers for Taper Roller Bearings. This system utilizes Elscint Vibratory Bowl Feeder Model 400 or Model 630 depending upon the roller sizes. The Taper Rollers are fed through the Elscint Vibratory Bowl Feeder in two outlets to two sets of Elscint Motorised Gauge Rolls. The inclination of the rolls, plus adjustable roll spacing from one end to the other enables parts to move / travel easily and rapidly into the desired position. An important feature is that the rolls being counter-rotating do not bind or grip the parts and are extremely sensitive to fine tolerances. The rolls are driven by an Elscint Single Reduction Geared Motor Model DM 38. The Taper Rollers are then fed into two separate pump units driven by a suitable Elscint Single Reduction Geared Motor Model DM 52 (the pump unit then elevates the rollers to the desired height from where they can be fed by gravity to the work station where they are needed. The full system thus consists of one Elscint Vibratory Bowl Feeder, two sets of two counter rotating rolls for feeding, two Motorised Pump Units, Sensors and a Control Panel. The biggest advantage is that the output is not only doubled with the help of two outlets but the need of two full systems is eliminated. The complete system comes with a Noise Enclosure for reduction in Noise Level and PLC Control. However, Elscint can also offer systems without Noise Enclosure and with only Electrical Controls in case of smaller budgets.

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Elscint Automation to take part in IMTEX 2007

Elscint Automation will be taking part in IMTEX 2007 the largest Machine Tool Exhibition in India. The various products of Elscint Automation, namely, Elscint Vibratory Bowl Feeders, Linear

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Vibrators, Rotary Feeders, Small Parts Conveyor Feeders, Gear Boxes and Geared Motors will be displayed in its Stall No. A122, Hall No. 3A. A major highlight will be that senior Sales Application Engineers from Elscint Automation will be available for interaction and discussions regarding the part feeding needs of its customers during the period of the exhibition. Hence we request you to take full advantage of this opportunity and come along with your Sample Components and feeding details for discussion about your feeding application / Bowl Feeder requirement.