Components for which systems are available

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Elscint Ahead

Feeding In The Latest . . .

Monish Shete

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Its been an interesting month with Anna Hazare's movement finding support all over India. Hopefully, the ideals he is fighting for will be achieved. However, on the business front the bad news has not abated with vehicle sales falling drastically in August in India. Maybe things will change with the onset of the festive season. Coming to this edition of the Elscint Ahead newsletter, the first news item is about a recently supplied bowl feeder while the second item is from the series on how to improve your present vibratory feeder. This is the 4th part from the 10 part series.

Elscint Vibratory Bowl Feeder for Plastic Cuvettes

Elscint recently completed an order for feeding of plastic cuvettes for a European bowl feeder manufacturer. The manufacturer found the part very difficult to orient and to achieve the required high speed and hence he outsourced the complete vibratory bowl feeder, including the vibratory drive and the controller to Elscint. As it was for a medical application, Elscint used a conical bowl with outside mounting arrangement from the sides. As the part to be fed was a pharmaceutical one, the bowl was fully argon welded in such a manner that there were no crevices or gaps anywhere which would otherwise result in dust accumulation over there. Elscint used a very innovative idea for orienting of the component and the speed achieved was more than double the required one. Elscint also provided door delivery by air freight upto the European bowl feeder's works in the price.

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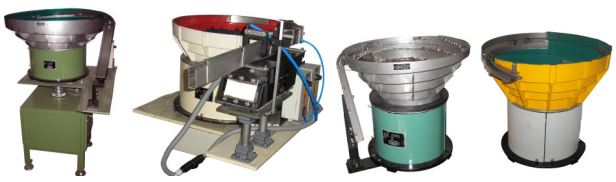

Improving the performance of an old Vibratory Bowl Feeder - Changing Springs

The life of the leaf springs of a vibratory feeder is limited. If proper processes are conducted on the leaf springs and if it is a full wave vibratory feeder working on 6000 Hz (cycles), their life can even be upto 20 years but there is a definite deterioration in their performance. If the vibratory feeder manufacturer has not taken care of the springs or if it is a half wave vibratory feeder working on 3000 Hz (cycles), then there are possibilities that the springs will crack, rust and break. In such cases, the springs which are cracked or broken should be replaced. Replacing the springs with new ones will immediately result in a marked improvement in the performance of the vibratory feeder. Over a period of time, it is also recommended that the springs be replaced completely, even if they have not cracked or broken but if they are rusted.

(read more at - http://blog.elscintautomation.com/post/Improving-performance-of-an-old-vibratory-feeder-e28093-Changing-Springs.aspx)

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