

○ 12/2011 | ○ December | ○ 2011

▶ FEEDING IN THE LATEST

▶ ELSCINT HIGH SPEED BOWL FEEDER FOR SPOUTS

IMPROVING PERFORMANCE OF AN OLD VIBRATORY FEEDER – CHECKING WELDMENTS (PART 7)

Elscint Ahead



Components for which systems are available



Feeding In The Latest . . .

Monish Shete

Visit Us At- www.elscintautomation.com

How time flies! As we near the end of 2011, it's hard to believe that it's been three years since the Mumbai terror attacks. Coming to this edition of the Elscint Ahead newsletter, the first news item is about a recently special type of bowl feeder while the second item is from the series on how to improve your present vibratory feeder. The problem condition discussed here does fortunately does not affect Elscint vibratory feeders, but it affects almost all the other makes which makes it more imperative to always choose an Elscint Vibratory Feeder! This is the 7th part from the series.

Elscint high speed bowl feeder for Spouts

Elscint has developed a special bowl for feeding of plastic spouts with the cap being forward. These spouts are required for packing of pouches. Feeding of spouts with the cap being forward is always considered a challenge due to which very few bowl feeder manufacturers take this up. Additionally, in most of the cases, the weight on the top and bottom of the spouts is almost the same. However, Elscint has developed a special bowl tooling which can orient the spouts in the required manner, i.e. with the cap forward and wings on the sides and behind. Speeds up to 80 to 100 spouts a minute are possible. Either of Model 250, 250 EV or Model 400 can be used, depending upon the size of the spout, the feed rate and the loading quantity required in the bowl. Additionally, Elscint can also offer a linear track or gravity chute for further feeding of the spouts up to the machine of the manufacturer.



Elscint Automation

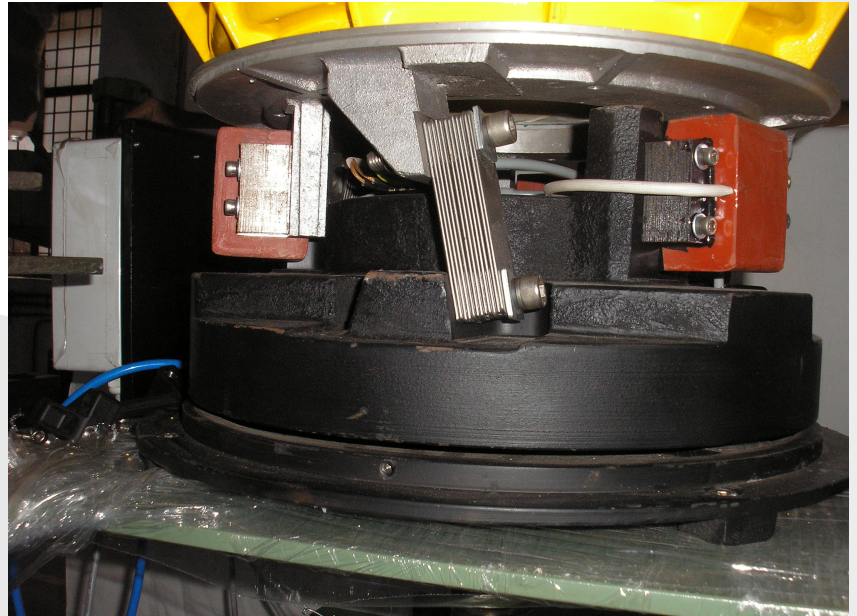
W-191 Bhosari MIDC
Pune 411 026. India
Tel.: +91-20-27122059 Fax: +91-20-27122994
Email – sales@elscintautomation.com
Website – www.elscintautomation.com



Improving the performance of an old Vibratory Bowl Feeder - Checking Weldments

Vibrator bases are either fabricated or made out of castings. In case of fabricated bases, the mounting brackets as well as spring mounting brackets are welded to the main counter weight. During running of the vibrator, these weldments get cracked and this results in the vibrations getting dampened. This might also increase the gap between the coil and the magnet which can even result in the coil getting damaged. In such a case, to improve the performance of old vibratory feeders, one should check whether there is any crack in the welded mounting brackets. If there is a crack, one should clean the same and weld it again. This will improve the performance of the vibratory feeder. However, it is always preferable to have cast bases as against fabricated ones. Elscint (www.elscintautomation.com) provides cast iron base for its vibrators and hence, this problem never arises in case of Elscint vibratory feeders.

(read more at <http://blog.elscintautomation.com/post/Improving-performance-of-an-old-vibratory-feeder-e28093-Checking-weldments.aspx>)



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

