



▶ FEEDING IN THE LATEST

▶ LEVELING SCREWS FOR MOUNTING STANDS

▶ VIBRATORY BOWL FEEDER FOR FLAT DRIPPERS

Components for which systems are available

Elscint Ahead



Feeding In The Latest . . .
Monish Shete

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Wish you a very happy Diwali and prosperous New Year!!! I hope everybody had a nice short vacation during this time. As for me, I mixed some business with pleasure and travelled to Europe to meet a few customers. Coming to this edition of the Elscint Ahead newsletter, the first news item about the usage of leveling screw for mounting stands for vibratory bowl feeders while the second news item is about a high speed vibratory bowl feeder manufactured recently for flat drippers used in the drip irrigation industry. I hope you find the same useful.

Leveling Screws for Mounting Stands

Using a leveling screw for mounting stands made for vibratory bowl feeders is advantageous in many ways. First and foremost, it helps in leveling the stand in case the floor is not flat enough. In case the floor is not properly leveled, then the vibratory bowl feeder will remain tilted on one side. This will result in the components not moving properly up the track in that area. If the orientation tooling is on that particular side, then the components will find it impossible to climb up on that side. The leveling screws help in reducing this possibility. Secondly, Elscint provides grouting arrangement on the leveling screws, which can help in grouting the stand to the ground. This is particularly useful in case of big vibratory part feeders, whose stands might have a tendency to jump / lose their position. Last but not the least, the leveling screws can help in providing a small height adjustment in case the stand does not have such a facility. Hence, it is always beneficial to have leveling screws for the mounting stands of vibratory bowl feeders.



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Vibratory Bowl Feeder for Flat Drippers

Elscont has developed a special vibratory bowl feeder for feeding of flat drippers used in drip irrigation. These drippers are made of plastic and are very light and have a highly critical orientation. The convex side has to face up. Due to this orientation and the flat parts, the speed which can be achieved is limited. However, in the special bowl developed, Elscint could achieve a speed of 200 parts per minute in the correct orientation with no jamming and stoppages and not even a single wrongly oriented component coming out. Elscint did the orientation at two places and again at the third place, so ensure 100% removal of the wrong parts. Due to this, the chances of a wrongly oriented component coming out was reduced to zero. Additionally, Elscint provided a stand for mounting the bowl feeder and an elevator feeder for extra loading capacity. Vibratory bowl feeder Model 400 with a cast aluminium bowl was used for this application. The bowl was coated with Elscinthane polyurethane coating and the tooling was made in stainless steel.



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