

Smart discharge for direct infeed from bulk bags

Many companies in the animal feed industry with a requirement to feed ingredients and premixes from a holding location into processing lines do so only from silos. This classic solution is not always practical when it comes to storing and handling smaller quantities of ingredients that are sensitive to contamination. Dinnissen Process Technology, Sevenum, the Netherlands, has introduced a system which makes it possible to feed ingredients into a processing line directly from bulk bags. It offers significant advantages to companies looking for greater flexibility or for a cost-efficient solution to a shortage of silos or premix storage vessels.

Key components of the new system are a bulk bag discharge station directly connected to a dosage/weighing facility and a pneumatic Slow-Flow transport system (see Industry News for week of 17 October). Feeding ingredients directly from the bulk bag prevents contamination arising from build-up of residual materials in transport lines and cells. Users also have the option of feeding ingredients into the system directly from 25kg bags. Maximum capacity for feeding ingredients directly from bulk bags or sacks is within the range 10-20t/h. www.dinnissen.nl



Dinnissen's direct infeed system from bulk bags and (right) detail of the dosing/pneumatic transfer arrangement