



Produktneuheiten

Brabender Technologie: New Feeder Line at Powtech 2019

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Simple Design

“Our main goal in launching this equipment is to reach out to compounders such as those specializing in films or textiles,” Jürgen Knez, developer of the DS line at Brabender Technologie, explains. Pellets are typically a simple material and can be fed using spiral screws requiring no additional agitation. “When designing the new line, we therefore concentrated on creating a feeder featuring only a few easily accessible components, a design so simple and easy to handle.”



At the design stage Jürgen Knez always focused on

applications. That is why the DS is available in two versions. “We have developed two different versions for various customer applications. The S version for

continuous operations involving one material and the E version for frequent product changeovers.” The difference between them can be explained by the way the motor and screw are configured. On the DS-S, the standard version, both components are linked together. This is ideal for long-term feeding. For product changeovers and cleaning, both can only be removed together.

Product Changeovers



The enhanced DS-E version features a different design, the

expert explains. “When a screw is being replaced or the device is being cleaned, the motor remains in place and is only shifted to allow the screw to be removed from the rear.” The slide gate and the tight pipe connection which allow the hopper to be emptied completely, are also practical details that make bulk material changeovers and cleaning easier. The DS-E is therefore ideal for various pellet feeding processes that involve frequent product changeovers. The entire DS line is typically equipped with an analog load cell. A digital load cell can also be installed if required. “This would be more expensive, but is feasible using the existing baseplate,” Jürgen Knez confirms.

Special case: the smallest Member of the DS Family

The DS28, the smallest version of the new feeder line, features a somewhat different design. In this case the motor remains permanently installed however the entire hopper with screw can simply be removed as a unit at the front of the device once the quick-lock clamps have been released – without any leakage of material. Jürgen Knez: “The feeder does not need to be emptied beforehand, because no material can follow through.”

POWTECH 2019

The DS28 and the larger DS80 will be on display at POWTECH. But Brabender Technologie is of course bringing other exhibits to the show. “At Powtech we will be showcasing devices suitable for all industries,” Bruno Dautzenberg, General

Manager of Brabender Technologie, promises. "This year we have remade many exhibits, in order to be able to show updated designs of our familiar, industry-proven feeders." These include, for example, a new Hygienic Design FlexWall® 40. The finish of the newly developed stainless-steel weighing frame complies with current EHEDG (European Hygienic Engineering & Design Group) guidelines. Furthermore, all polyurethane components that are in direct contact with bulk materials will be presented for the first time in the now standard color, blue. "It's worth paying us a visit, I can promise you that," says Bruno Dautzenberg with assurance. *Visit Brabender Technologie at POWTECH 2019, Hall 4, Booth 237*