Animal Feed Milling

Loss-In-Weight Screw Feeders DCC

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Description

DCC Loss-In-Weight Screw Feeders consist of a micro-screw feeder in a food-grade polymer body with stainless steel guards and feeder pipe and an optional electronically operated scales platform mounted on load cells.

Function

Specially suitable for weigh-batch or continuous feeding of dry, flowable powders and granular materials.
Weigh feeding is possible thanks to the combination with scales having an off-centre load cell which assesses any variation in weigth in time adjusting the feed rate by varying the speed of both discharging and feeding device if used together with electronic controls.

Application

Wherever powders or granular materials have to be continuously fed and metered, DCC-type Loss-In-Weight Screw Feeders offer exceptional operating versatility due to a highly precise metering performance and excellent user-friendliness.

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Benefits

- ✓ **No product contamination due to 316 SS construction and food-grade plastic material;**
- ✓ **Non-stick body;**
- ✓ **Easily transformable from volumetric to weigh-batch system by adding BE-type scales;**
- ✓ **Works either in BATCH or CONTINUOUS mode;**
- ✓ **Various drive options offer wide range of feed rates or metering capacities;**
- ✓ **Easy strip down;**
- ✓ **Easy to clean;**
- ✓ **ATEX certified drive components;**
- ✓ **Suitable for different materials in the same configuration;**
- ✓ **System completed with ANSY 8010 Electronic Control.**

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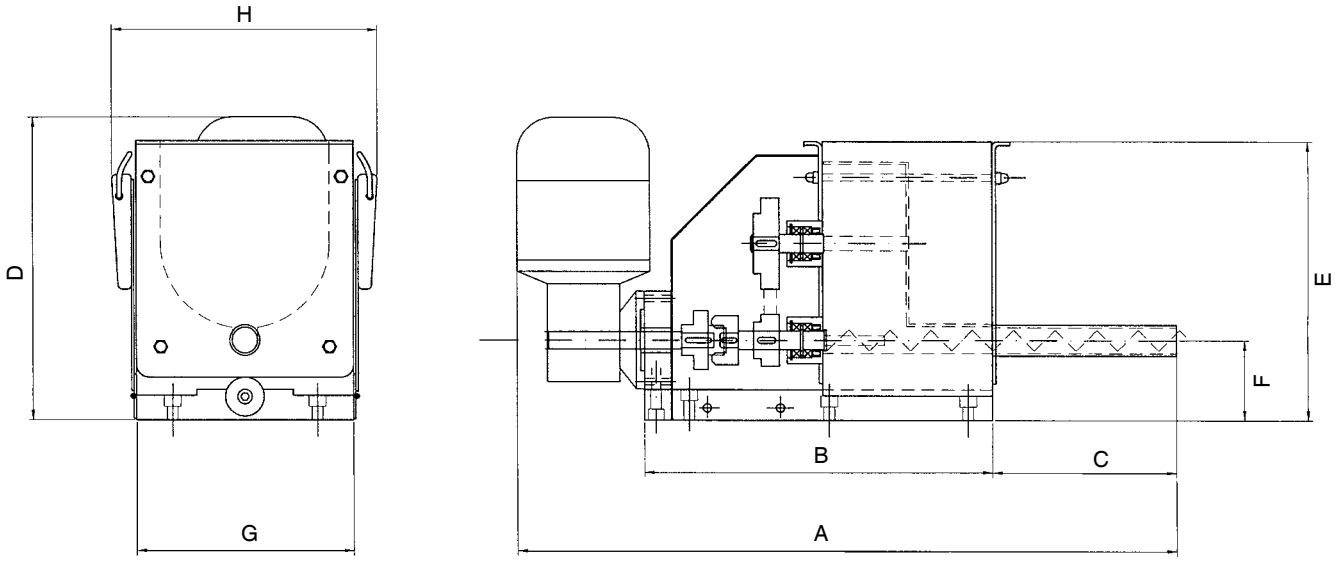
Technical Features / Performance

- Feed rates/metering capacities from 1.4 up to 244 dm^3/h (0.049 CFH up to 8,616 CFH)
- Accuracy up to 0.9%
- Operating temperature: -10° C ~ 50° C (14° F ~ 122° F)
- Metal parts made from 316 SS
- Food-grade polymer-cast one-piece body ensures free material flow
- Variable speed drive supplied on request
- Lightweight design
- Compact overall dimensions

Overall Dimensions



Dimensions in mm

TYPE	A	B	C	D	E	F	G	H
DCC 31	544	287	150	275	230	64	180	220
DCC 32	544	287	150	275	230	59	180	220

This datasheet does not show the complete range but only the models most suitable for the application.

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