

SMARTFEED

Feed costs are an important factor for any poultry farm. Stienen BE's **SmartFeed** concept allows you to efficiently and carefully control this cost item.

Combining the feed computer with a Stienen BE feed weigher gives you total control of your **SmartFeed** feeding system

This feed concept enables you to manage ingredient stocks in silos and to adjust Feed composition and feed amount to the different animal groups and/or poultry houses. This gives you optimum growth and feed conversion results.



PFB-35/70

FEED WEIGHERS

Robust and intelligent

- Stand-alone stainless-steel weighing hopper with intelligent control
- Easily connects to Stienen management computers: PL series or SmartFeed
- Controls one silo auger
- Three feed dosing drive options: sensor, pulse or computer
- Accurate weight-based feed registration (max. 9-11 metric tons/hour)
- Feed curve adjustable by means of 24 breakpoints
- Error codes can be read out from the display
- Displays feed and water data
- PFB-35 with a 35-litre capacity or PFB-70 with a 70-litre capacity

STIENEN AGRI AUTOMATION

Stienen BE is a leading family company (1977) which has its roots in livestock farming. It is in our nature to be very close to our end users. We are a global supplier of innovative automation solutions for poultry and pig houses. Our climate solutions, automation systems, management software and the accompanying peripheral equipment are all developed and produced in-house.

Stienen
Mangaanstraat 9 - 6031 RT Nederweert
T +31 (0)495 - 63 29 26
E sales@stienen.com
www.stienen.com

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A feed weigher is an essential for efficient and accurate feeding in modern poultry farming. It allows poultry farmers to optimize feeding processes and gain better insight into feed and water consumption. Did you know? PFB stands for Poultry Feed Batch weigher

STAND-ALONE

The PFB feed weighers (weighing hopper capacity 35 or 70 litres) register the amount of feed supplied on the basis of highly accurate weight measurements. The display provides you with information about the amounts of feed and water intake.

Both feed weighers have a memory chip in which all settings are stored to ensure that, even if the voltage is lost, these settings are saved.

Both types of feed weighers independently control one silo auger.

PART OF FEEDSYSTEM

Feed costs are an important factor for any farm. Linking the Stienen feed weighers to a Stienen management computer (like SmartFeed or PL-9600) enables you to control this cost item as efficiently and carefully as possible.

Mixing several ingredients, dosing for different animal groups, managing the stocks in the silos and animal management are just some of the possible functions.

And a clear overview of the current situation of your feed system is always within easy reach.

SWITCH VALVE PFB-SV

The PFB-SV is a receiving hopper with an integrated switch valve to control two separated auger hoppers.

This assembly is installed under a PFB-35 feed weigher and is controlled by a feed management computer, thus providing you with a 100% separated feed system.

Several advantages, including feeding time reduction due to the buffer system and avoiding residual feed batches being wasted, make the system very interesting and enable poultry farmers to simultaneously feed parent stock, cocks and hens.

In pig farming, the switch valve is used to simultaneously fill feed augers in multiple houses.



SPECIFICATION PFB

STANDARD OPTIONS

Contact input for external start command	1
Contact input for water counter	1
Load cell input 15mV	1
Open collector pulse output 35Vdc/20mA	1
Error relay 24Vdc/2A	1
Feed sensor 24Vdc/2Va	1
Discharge hatch 24Vdc/0.3A	1



GENERAL

Supply voltage	24Vac-50/60Hz ±10%
Maximum load	25VA
Protection class	IP 54
Dimensions	235 x 170 x 90mm
ABS housing	✓
Min. ambient temperature	-5°C
Max. ambient temperature	40°C

EXPANSION OPTIONS

Communication via RS-485 for FN bus for control units	✓
Connection module for supply augers	✓

WEIGHING HOPPER

	PFB-35	PFB-70
Dimensions incl. PFB control	590 x 550 x 550mm	750 x 750 x 750mm
Dimensions excl. PFB control	590 x 550 x 665mm	750 x 750 x 865mm
Weight	42kg	62kg
Load cell type	LOC-50	LOC-100
Free space under weighing hopper	min. 150mm	min. 50mm



Example: PFB-35, with high frame, with optional extension frame