

Pfister® Smart Linear Feeder with dosing control

The highly flexible PFISTER® Smart Linear Feeder can be used across your plant for continuous gravimetric dosing of fine, coarse or sticky bulk materials like limestone, sand, gypsum, clay, iron ore, and clinker. It is available in capacity ranges from a few hundred kg/h up to 1500 t/h and a choice of lengths and widths to meet your specific application needs.

This continuous gravimetric dosing system is a reliable linear system with weighing taking place directly on the belt. It's built to withstand the harsh environment of your industrial processing plant. The wear-resistant design ensures high availability while the patented integrated control – PFISTER® SDD-Control – guarantees easy operation. All while being designed for extreme hot and cold environmental temperatures.

With the **Prospective Control ProsCon®** the SLF belt weigh feeders achieve highly stable short- and longterm accuracy.

Benefits

- Accurate and reliable material dosing
- Compact, robust machinery
- Easy to operate and maintain
- Patented integrated PFISTER® SDD-Control

The PFISTER® SLF complies with the relevant EC directives:

- 2006/42/EC (Machine directive)
- 2014/35/EU (Low-voltage directive)
- 2014/30/EU (Electromagnetic compatibility)

Reliability and consistency

The unique PFISTER® SDD-Control provides precise control integrated in the motor-mounted frequency inverter (VFD) without a separate control cabinet needed. The SDD-Control system connects the feeder directly to your plant control system, providing accurate dosing control without the need for additional equipment.

Dosing and drive united. Enhanced reliability and productivity.

The advantages of the PFISTER SDD-Control integrated into the motor-mounted frequency inverter (VFD):

- No additional control cabinet
- Direct connection of DCS
- All Standard Interfaces are available
- Reduced electrical parts and spare parts



Control firmware

It is completely integrated into the mounted frequency inverter (VFD).

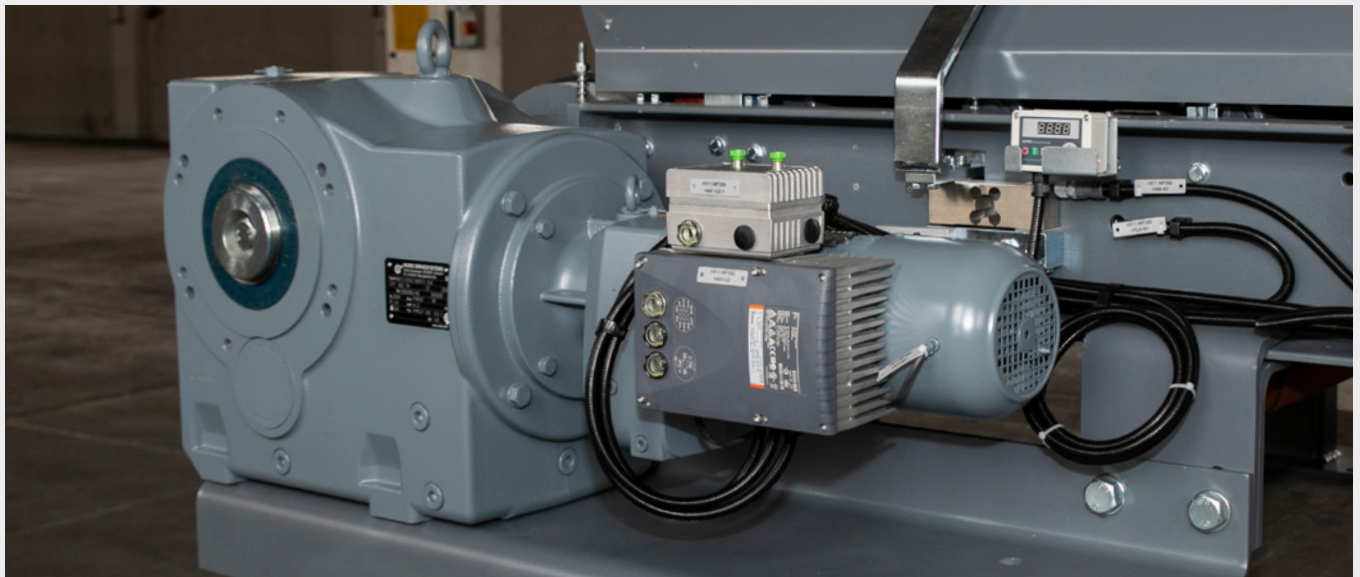


Frequency controlled motor

It controls the speed inverse of the material load on the belt.



THE RESULT
IS A CONSTANT
MATERIAL DISCHARGE



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