Airlock module for mill pneumatics MPPA

Efficiency through modularization

Innovations for a **better world.**

BÜHLER

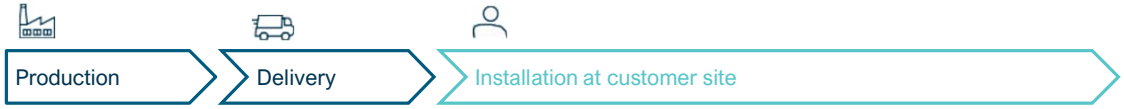
Pre-assembled and tested modules
Up to six times faster in installation

A flour mill requires several airlock systems for the separation of conveying air from the product. This system consists of various components like airlocks, cyclones, air collecting ducts as well as any desired accessories. Until today they were delivered as single components and assembled at the customer's site.

This is changed with our airlock module for mill pneumatics, as all these components are delivered as a pre-assembled module. This makes the installation on-site up to 6 times faster.

Project duration

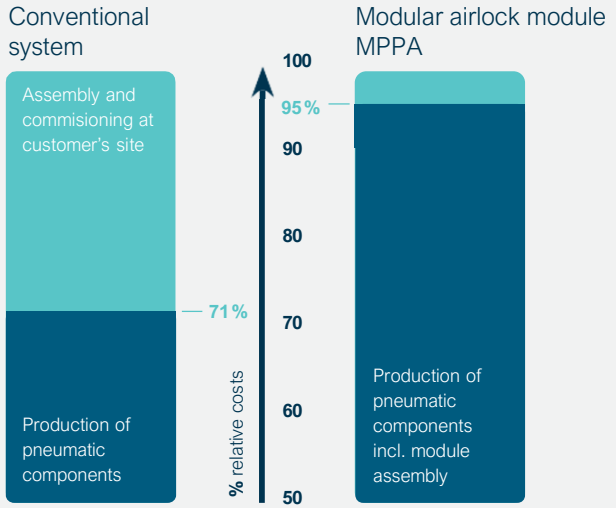
Conventional pneumatics system



New airlock module for mill pneumatics MPPA

Cost comparison

With the pre-assembled airlock modules the installation time at the customer's site is significantly reduced, as part of this work already takes places in advance. The total price is on a similar level when installed in low-cost countries, while in high-cost countries the modular airlock module costs less than when conventionally installed.

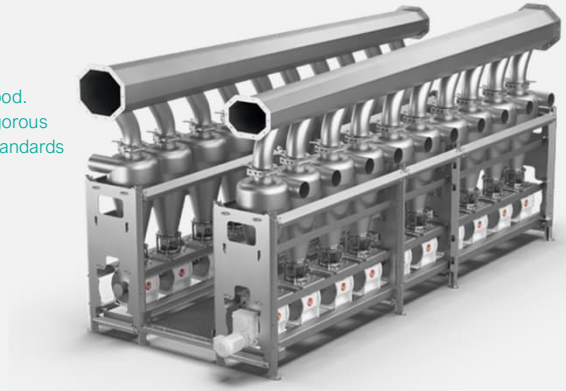


High food safety

Optimized airflow and a new air duct design with less interfaces:

– Stainless steel, seamless transition pipe
– Weld seams of quality class 2
– Reduced number of weld seams

Designed for safe food.
The MPPA fulfills rigorous international food standards



Benefits

– Installation up to 6 times faster on site
– High food safety
– Significant height reduction possible

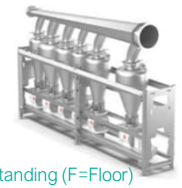
Significant height reduction

Lateral positioning of the air collecting manifold saves 700 mm height. The installation of a sifter including airlock table is possible on the same floor with a standard height of 5 m.

The walkway is an accessory of the module which enables you to access the components conveniently in the suspended MPPA execution.

Simplified and safe service operation at the sifter top

Hanging (C=Ceiling)



Standing (F=Floor)

Maximum variety

	MPPA 1-F MPPA 1-C	MPPA 2-F MPPA 2-C	MPPA 3-F MPPA 3-C	MPPA 4-F MPPA 4-C	MPPA 5-F MPPA 5-C
MPAK type	MPAK 2	MPAK 4	MPAK 6	MPAK 8	MPAK 10
No of MPPA for one sifter	2	2	2	2	2
Position	Hanging or Standing	Hanging or Standing	Hanging or Standing	Hanging or Standing	Hanging or Standing

Specifications for other applications like bran finisher or pneumatic conveying on request

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