



ADAPTIVE PROCESS TECHNOLOGY

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MIXSYS- FABRIC SILOS PRODUCT CATALOG

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OUR EXPERTISE: FABRIC SILOS

MIXSYS Fabric Silo consists of a robust galvanised or painted steel frame and an antistatic TREVIRA technical container that offers clients endless possibilities for their storage needs of various bulk material products.

MIXSYS Fabric Silos is designed for storing powder products for the food industry (e.g. flours, sugars) and other raw materials (plastics), fabric silos consist of a robust modular galvanized or painted steel supporting frame and a Trevira technical fabric container.

Fabric Silos are normally placed inside the production facility, but can also be placed outside after installation of an additional protection. Their shape and size make them adapt to any available space. Capacity can be up to 125 cu m . The Trevira fabric is suitable for food contact; with its extremely high mechanical resistance and excellent antistatic properties, it guarantees safety of the stored product.

Advantages compared to conventional systems storing raw materials in sacks:

- Reduction of personnel and machinery for handling raw materials
- Rapid storage and consistent quality in dosing
- Automated distribution of raw materials to the point of use in the production line
- No special waste
- Checking and weighing of stored loads and reduction of waste

Fabric silo advantages and cost reduction benefits:

- Storage either indoor or outdoor - requiring additional dedicated protection (such as supporting steel frame and sandwich panel walls)
- Reduction of personnel and machinery for transporting raw materials
- Rapid storage
- Absence of special waste
- Checking and weighing of loads received and stored with reduction of waste
- Automated distribution of raw materials to the point of use in the production line
- Simple and cost-effective to install and transport with no mechanical lifting equipment
- Significantly lower costs compared to other types of silos





Fabric silos are robust, modular galvanized or painted steel constructions designed to meet specific client needs.

The TREVIRA type (polyethylene terephthalate) antistatic fabric they are made of, has excellent mechanical properties; in fact, a 10 cm-wide strip can bear a 2,500 kg load and it is suitable to store food products in compliance with Regulation (EC) n.1935/2004 and US Food and Drug Administration regulations.

Silos can also be fitted with the following accessories:

- Level sensors with acoustic and visual alarms to signal the pre-set conditions have been reached
- Silo weighing system with 4 load cells per silo
- Pressure relief valve on loading pipe with internal pressure detector

Characteristics of the Product:

Type: Silo

Dimensions: up to 125 MC

Certification: Moca

