

MICROINGREDIENTS STATION



Trimix is a broad spectrum station for the storing and the automatic dosing of powdered and granular minor ingredients.

Modular and extendable hermetic units

Handles a wide range of challenging materials

Repeatability, precision and traceability

Station consisting of modular and extendible hermetic stainless steel units for the automatic dosing of powdered and granular minor ingredients. It provides high precision and reliability for both volumetric and by weight dosages.

Trimix is completely hygienic with an easy-to-clean design, air blade system to clean the bearings and technologies to prevent leakage in the surrounding environment and leftovers within the storing units or scale.



Microingredients station

Bulk-handling system with medium volume ingredients storing in Big Bag station, storing of microingredients in Trimix, Sugar Milling technology, and dosing station with Blender.

Manual or pneumatic loading with direct suction from the sacks

No powder leakage with the suction system acting directly on the unloading from each unit

No leftovers within the storing units or the dosing station

Extraction system prevents bridges in the hoppers

Weighing control in real time, integrated automation and full traceability with bar code reading

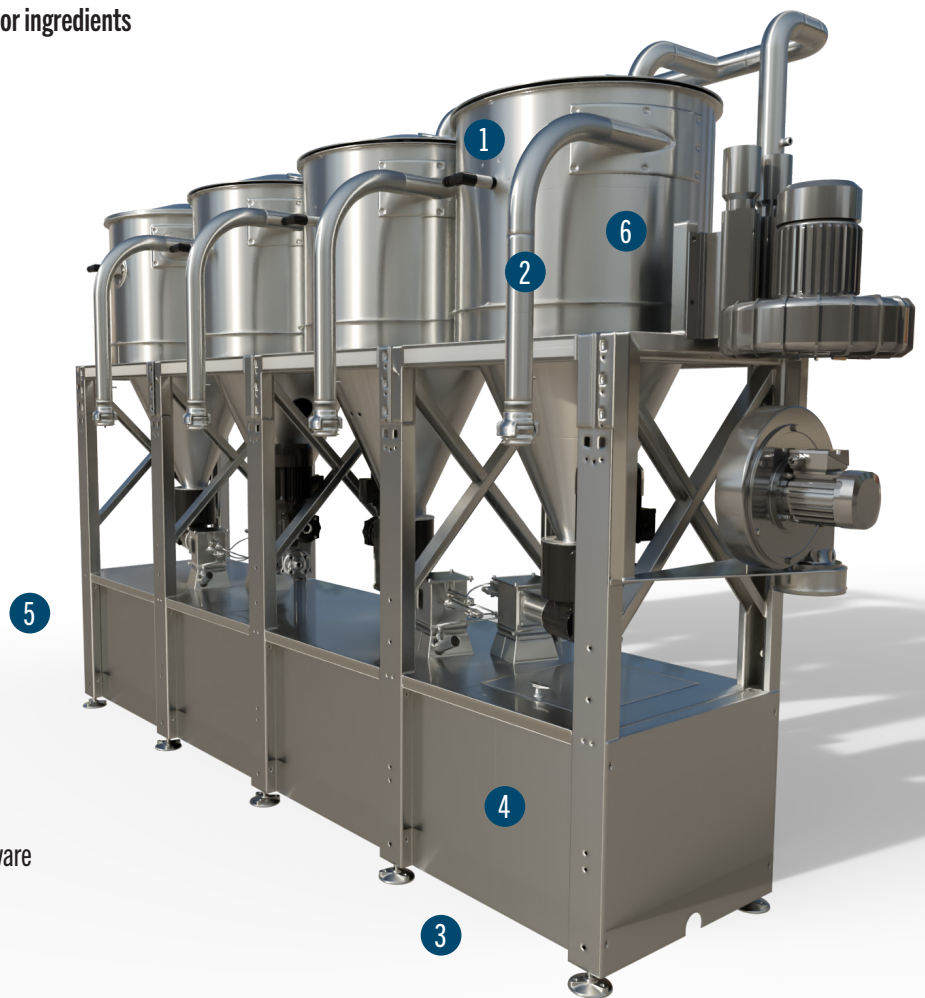
Ground or table scale for manual dosing of minor ingredients

Weighed trolley

Dust exhauster

Integrated homogenizer

Level sensors



1 Direct suction from the sack

2 Bar code reading system and traceability software

3 Dust exhauster

4 Weighed trolley

5 Integrated homogenizer

6 Level sensor

INDUSTRIES



BAKERY



CONFECTIONERY



PASTA & CEREALS



DAIRY



PREMIX



FUNCTIONAL
FOOD



BABY FOOD



PET FOOD



BEVERAGES



CHEMICAL

AUTOMATION



OPERATOR
PANEL



PROCESS
CONTROL



TRACEABILITY

heart of technology



Constantly innovated and highly customizable, Trimix is CEPI's broad-spectrum station for the storing and dosing of powdered and granular micro ingredients, spanning from salt and sugar, to spices, inclusions, milk and cocoa powders, aromas and so on. Trimix can handle a wide range of challenging materials, such as lecithins and fibers.

Trimix is the result of a decades-long experience in the management of microingredients. Paired with the range and full integration of our automation systems, it has provided our installations with the highest levels of repeatability, precision and traceability in the production of confectionery such as snacks, cookies, pastries, cakes, chocolate, candies, drinks, as well as bakery such as bread, pizza, short and long pasta.

CEPI's approach is integrated and aims to provide continuity through all manufacturing operations, with touch panels and traceability software being designed internally and tailored to the specificity of each mechanical installation.



Microingredients station fed by dump station



Microingredients stations fed by Big Bag systems and Dump stations



Details of microingredient station: capacity probe, loading system (left) and dedicated HMI (right)

Continuous dosing system



Powders, granular products, liquids, fats. Macro, micro, medium volumes. Preservation and safety, vibration and fluidization. *Our motto is: if your process needs it, we can do it. If we cannot do it yet, we will develop it, just for you.* Our solutions evolve to match each individual demand from the manufacturer side, leading to unparalleled technological range:

Globosilo Outdoor silos in stainless steel for powdered products

Silbox Indoor silos in stainless or aluminium steel for powdered products

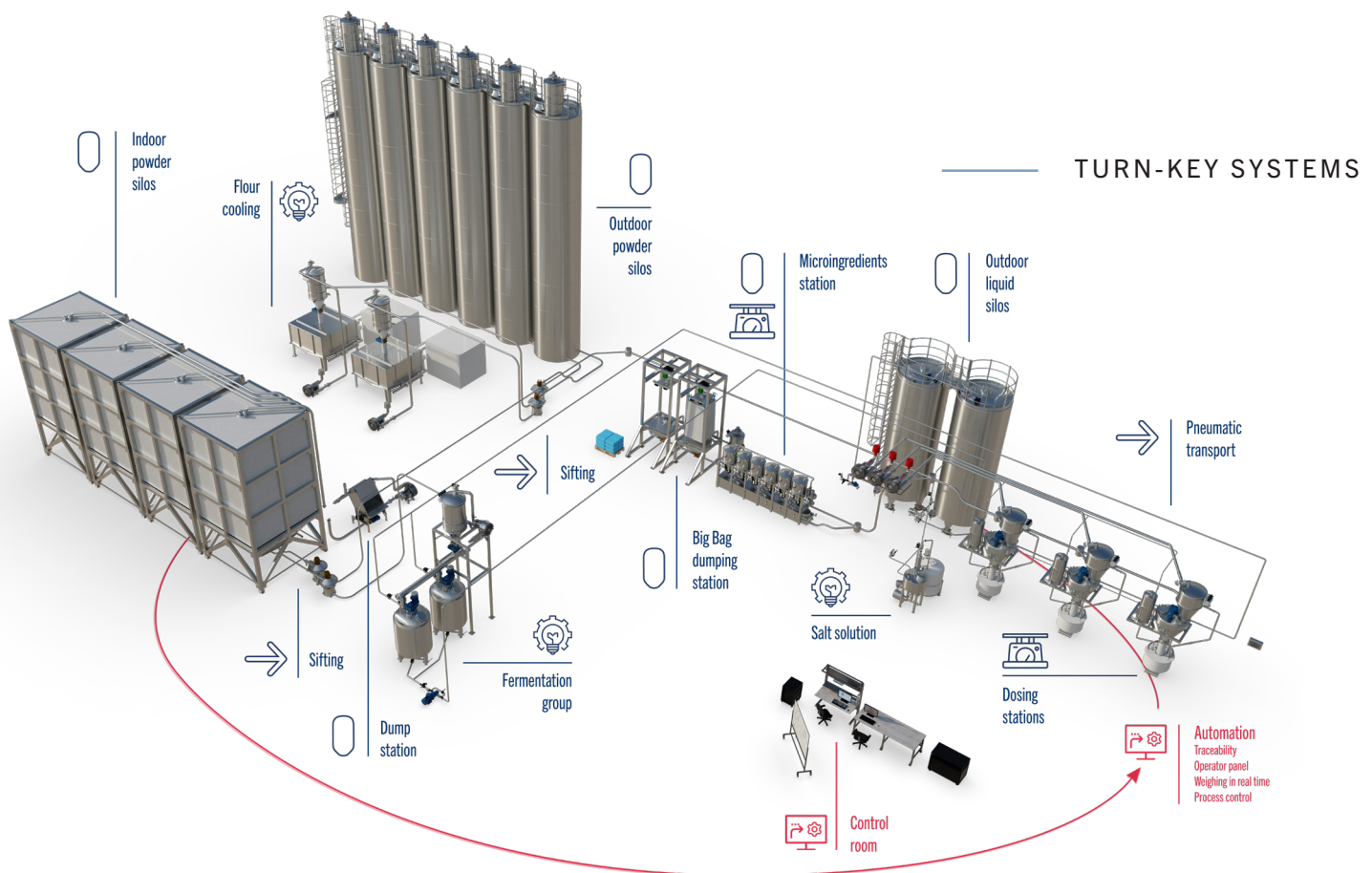
Silsystem Indoor silo in antistatic HT fabric for powdered products

Trevibox Indoor silo in antistatic HT fabric with a fluidized bed

Trimix Stainless steel station for the storing and dosing of micro ingredients

Dump station Bag and big bag dumping stations of variable capacity

Liquid tanks Indoor and outdoor tanks for liquids in stainless steel of variable size



CEPI designs, manufactures and commissions bulk-handling systems for the storage, transport and dosing of raw materials, as well as fully integrated automation and technologies to complete all food production processes. Since 1985, we have worked with the most important companies from all sectors of food manufacturing.



STORAGE



TRANSPORT



DOSING



SPECIAL



AUTOMATION

