
Continuous dosing into cereal bar line

Ensures precision, accuracy and homogeneity in the composition.
Equipped with multiple ingredient storage, output with multiple vibratory feeders and control panel with HMI screen.



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**Continuous dosing
into cereal bar line**

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Cereal bars are one of the most sought-after products among health conscious consumers. But it does not end there: because of their tastiness, nutritional value and easiness of consumption, they have become incredibly popular among the general public.

Consumed as breakfast, snacks, meal substitutes, or as energy and performance bars, cereal bars have become a highly diversified product. Single or multi-layer, they are produced with complex recipes that involve multiple cereal ingredients, dry-grain, nuts and seeds, filling, and additions like chocolate, honey, caramel, dry fruit, proteins and mineral salts.

The CEPI system for continuous dosing into the cereal line provides precision and accuracy, ensures the even spread of raw ingredients for a homogenous composition in each bar, and avoids intrusive processing. It is designed to fit the needs of each recipe, improve process efficiency and protect the unique flavour of the final product.

The system comes with multiple ingredient storage, output with multiple vibratory feeders, continuous dosing system and control panel with HMI screen. The ingredients are dosed in parallel toward the binder according to the ratio required by the recipe.

The process respects the properties of the ingredients and includes integrated automation and full traceability.

Easy maintenance and cleaning.



Continuous mixer for the binder and control panel with HMI screen

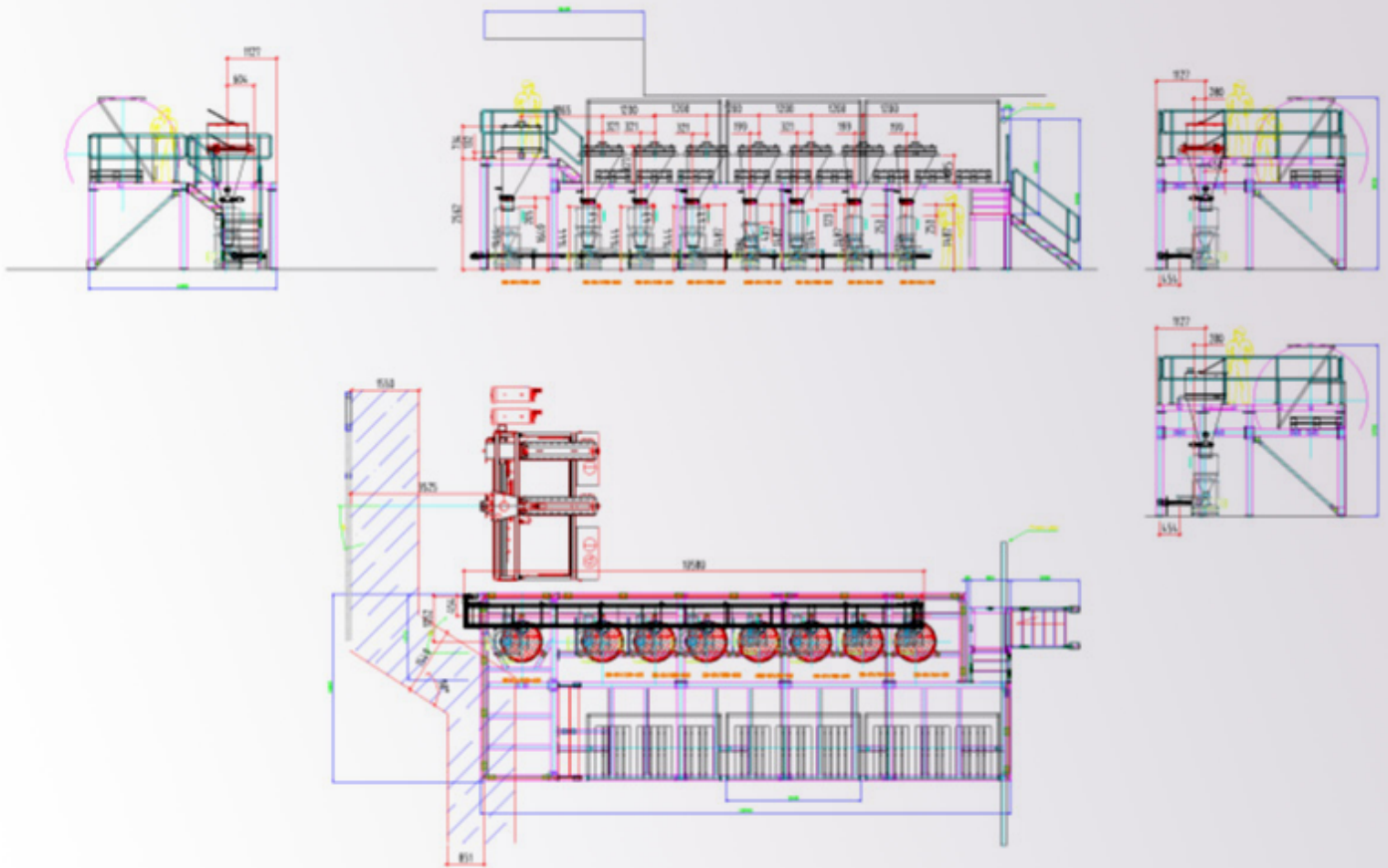


Left to right, top to bottom: storage hoppers with raw materials dumping, continuous vibratory feeder (up to eight feeders)

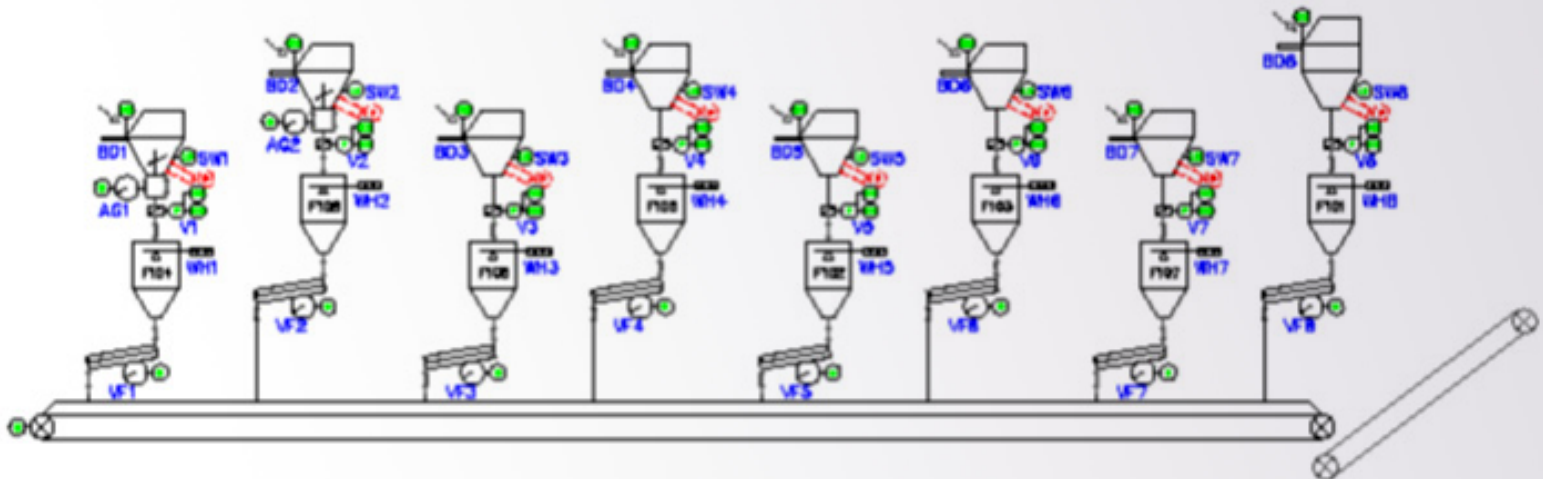
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Layout of the dosing system

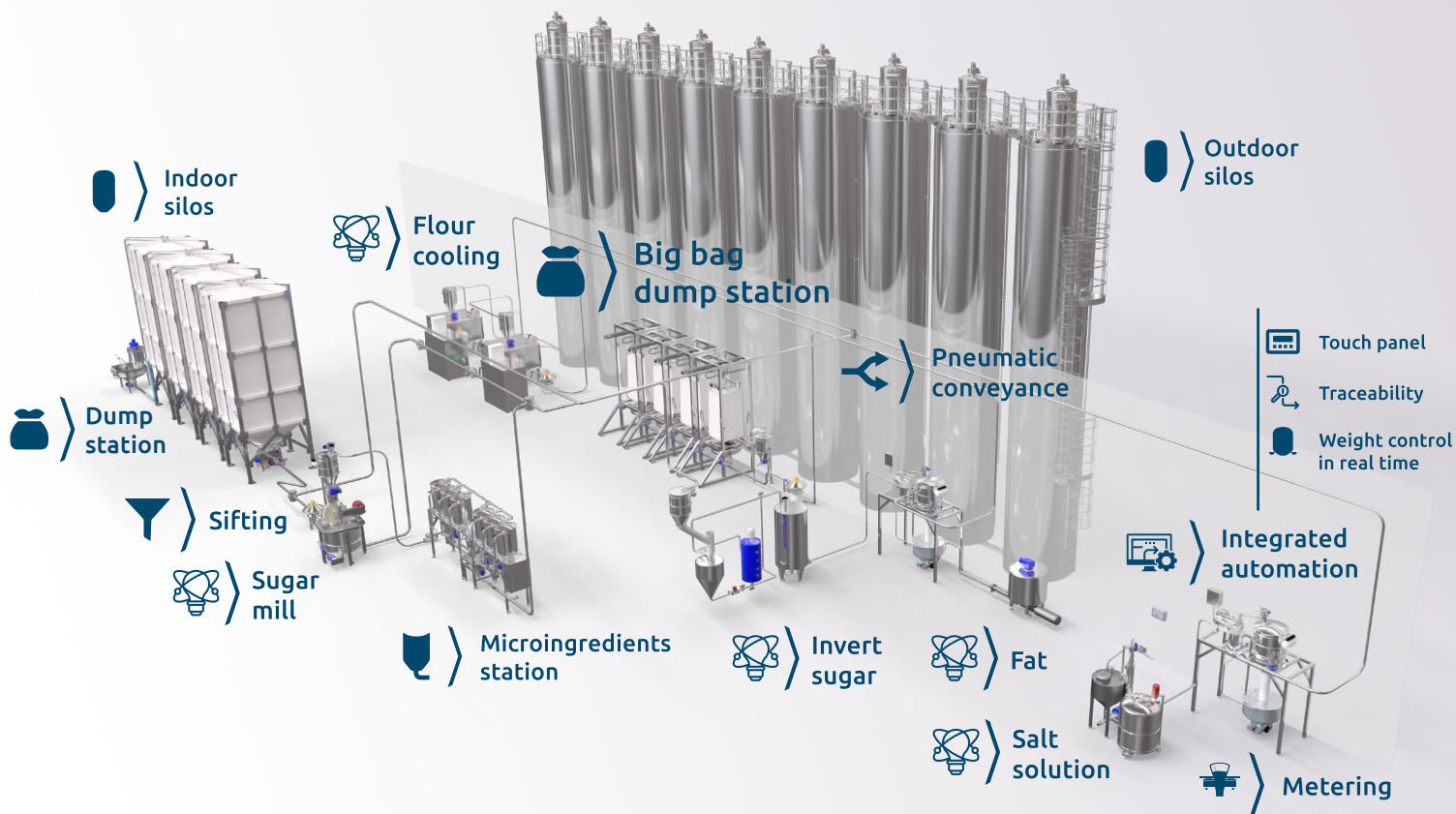


Flow diagram

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