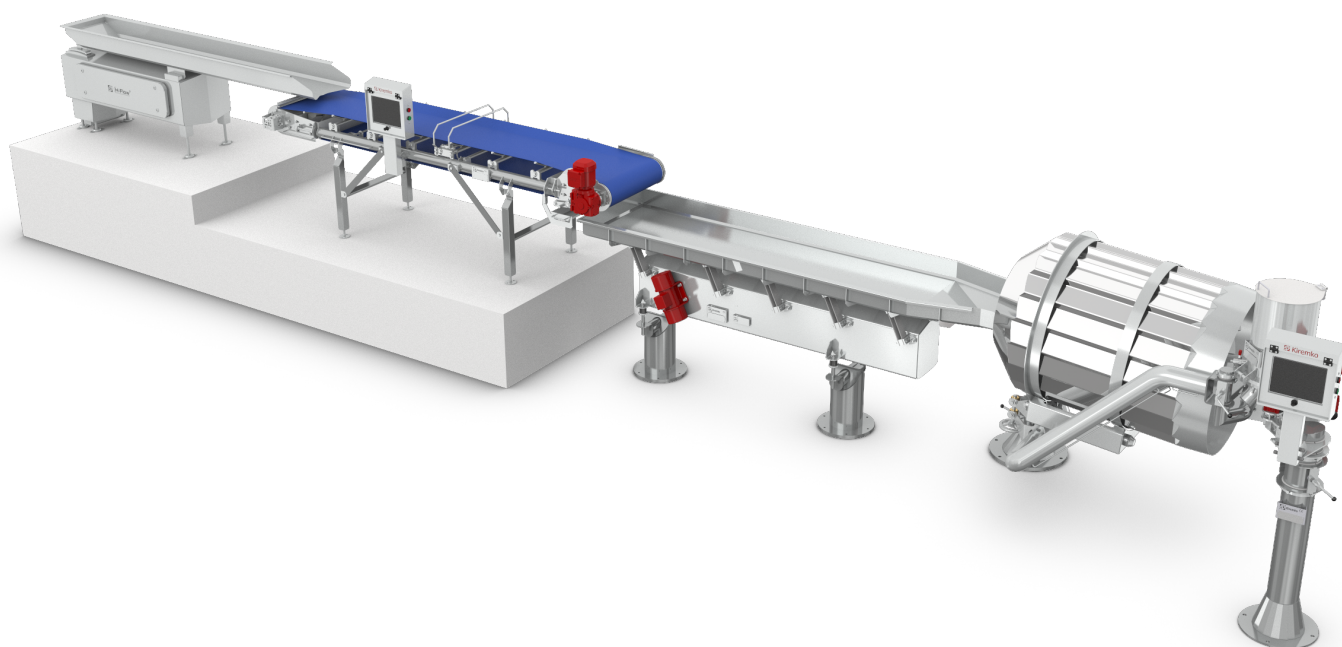


Kiremko WeighGuard®



Kiremko WeighGuard® LIW/WB

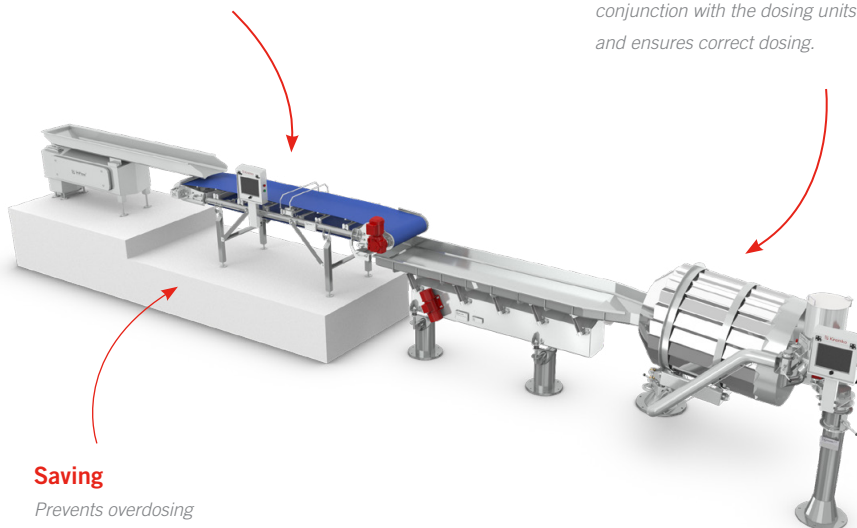
*Kiremko's dosing units
have been developed
on the basis of years of
experience and innovative
development.*

Multifunctional

*The WeighGuard® LIW and WB are also
separately usable in your production line.*

Self-correcting

*The weighing belt works in
conjunction with the dosing units
and ensures correct dosing.*

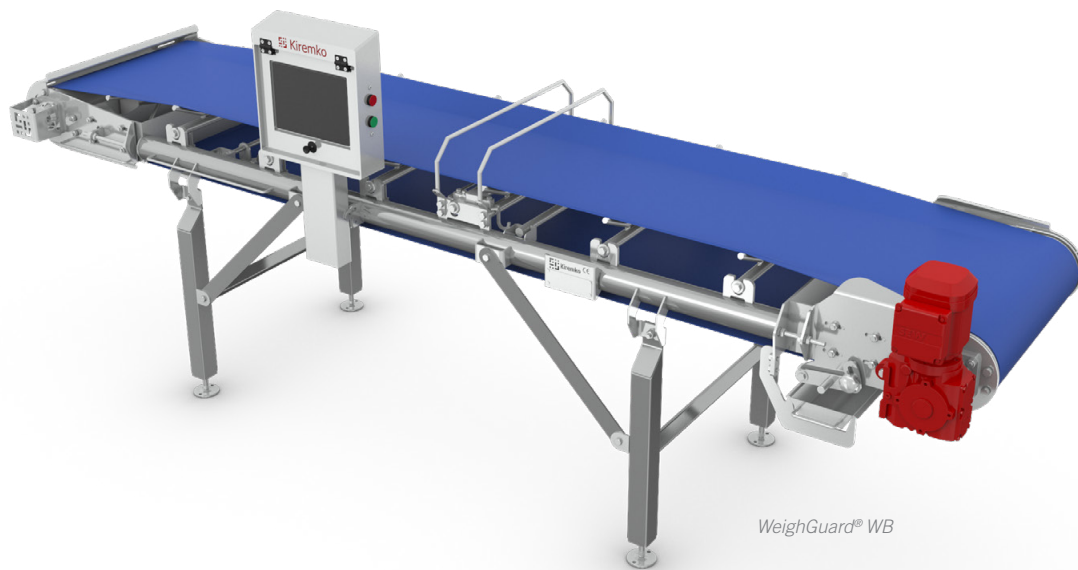


Saving

*Prevents overdosing
and guarantees an
uniform product.*

Kiremko has developed an advanced system for dosing and weighing flavourings and additives; the Kiremko WeighGuard®. This system consists of combined units: the Loss In Weight system (WeighGuard® LIW) and the Weighing belt (WeighGuard® WB). The Kiremko Loss In Weight system ensures extremely accurate dosing of salt, dextrose or other flavourings as an addition to your product. By placing a weighing belt, which controls the dosing units, you are guaranteed of an even and uniform dosage - even with a fluctuating line capacity. The Kiremko WeighGuard® prevents over or under-dosing meaning a higher return. The end product is always uniform and consistently flavoured.

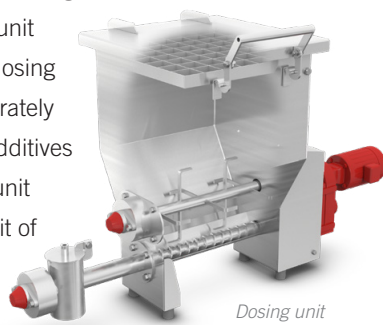




WeighGuard® WB

Accurate dosing

The basis of the Kiremko WeighGuard® LIW consists of a weighing unit which is coupled to a dosing unit. The weigher accurately measures how many additives or flavours the dosing unit has to dispense per unit of time. This is done by measuring the weight reduction of the dosing unit. The Kiremko dosing units come in several different types, for example, one adding additives in larger quantities and one for adding flavourings in very small quantities.



Dosing unit

Up to four LIW weighers with dosing units can be linked to one weighing belt.

Advanced weighing

The advanced weighing belt of the Kiremko WeighGuard® WB can weigh a continuous flow of products. The weigh unit located in the middle of the belt, controls the capacity of your production line and based on this information can control other units. The Kiremko WeighGuard® WB is multi-functional and communicate in several different ways with the management and control units of your processing line.

Weighing and dosing

The Kiremko WeighGuard® LIW, together with the dosing unit, works in conjunction with the Kiremko WeighGuard® WB

so that the correct quantity is always dosed. This self-correcting system ensures the correct dosing, even with a fluctuating line capacity. This will save on expensive additives and other specific ingredients. The ingredients are carefully weighed and added to the product, based on the information provided by the weighing belt. The speed of the dosing unit is controlled on the basis of the decrease in weight.

Self-learning operation

In the event of any vibrations or abnormal movements which may occur, for example when replenishing the dosing hopper, the dosing unit automatically switches from gravimetric to volumetric dosing. The system is self-learning and automatically creates a trend line of the speed of the screw so that it continues to work accurately for volumetric dosing.

Applications

These weighing and dosing systems are used in a variety of applications, from flavourings in potato chips and process lines for snacks to adding ingredients in mashed potatoes and rösti products. This innovative system is distinguished by a robustness that contributes to the stability of the measuring instruments and consequently, the accuracy of the dosage.



Dosing unit

Destoning
Washing
Peeling
Cutting
Blanching
Cooking
Drying
Forming
Frying
Cooling
Freezing
Pasteurising
Sorting
Packaging
Handling



Food Processing Equipment



Waardsedijk Oost 28, P.O. Box 5, 3417 ZG Montfoort, The Netherlands

+31 (0)348 47 94 00, kiremko@kiremko.com, www.kiremko.com

No part of this brochure may be reproduced: stored in a database or retrieval system, or published, in any form or in any way, without written permission of Kiremko B.V.
The data published in this brochure, answers to the most recent information at the moment of publishing and are subject to future modification. Kiremko reserves the right to modify the construction and execution of their products at any time without any obligation on their part to modify any equipment delivered before accordingly.