KSL PC - line

KSL PC line is a **weight control automatic horizontal slicer** capable of dynamically adjusting slice thickness through blade positioning to obtain **equal weight portions of slices**. This is achieved by an innovative dynamic control that determines individual slice weights adding up to reach the desired target, while optimizing the use of the incoming portions, thus **minimizing both waste and give away**.

Our highly automated, high yield system processes the input data (weight, volume and position of the meat portion) and calculates the cutting parameters (blade spacing) for the slicing blades module, allowing for slices of equal weight with **unparalleled precision**.

The KSL PC line guarantees **high productivity, minimum giveaway (less than 2%)** and a quick and easy **return on** our customers' **investment**.

The new KSL PC line reflects Grasselli's pursue for **innovation and complete automation**, as a way not only to reduce labor costs but also to increase food safety and traceability and to significantly reduce risk of contamination and product damage by avoiding high exposure to manual handling.

Safeguarding health

Grasselli's KSL PC line guarantees minimum handling by the operator, thus reducing risk of contamination and product damage by avoiding exposure to bacteria.

Flexibility to suit every processing need

Our KSL PC line is developed to match our customers' processing requirements, allowing the customer to select among different slicing functionalities:
1) Same weight slices + trim;
2) Same thickness slices + trim;
3) Same weight slices with no trim;
4) Same thickness slices with no trim;
5) Slices of different, pre-determined, weight and thickness.

Product calibration

The KSL PC line allows to exclude the product not coherent with the selected recipe before the slicing process in order to better value them in alternative processes/recipes.

Automatic Fine-Tuning to minimize give away

KSL PC line has the option to integrate with the end-of-line data flow to automatically fine tune the system's weight settings in order to minimize the overall give away.