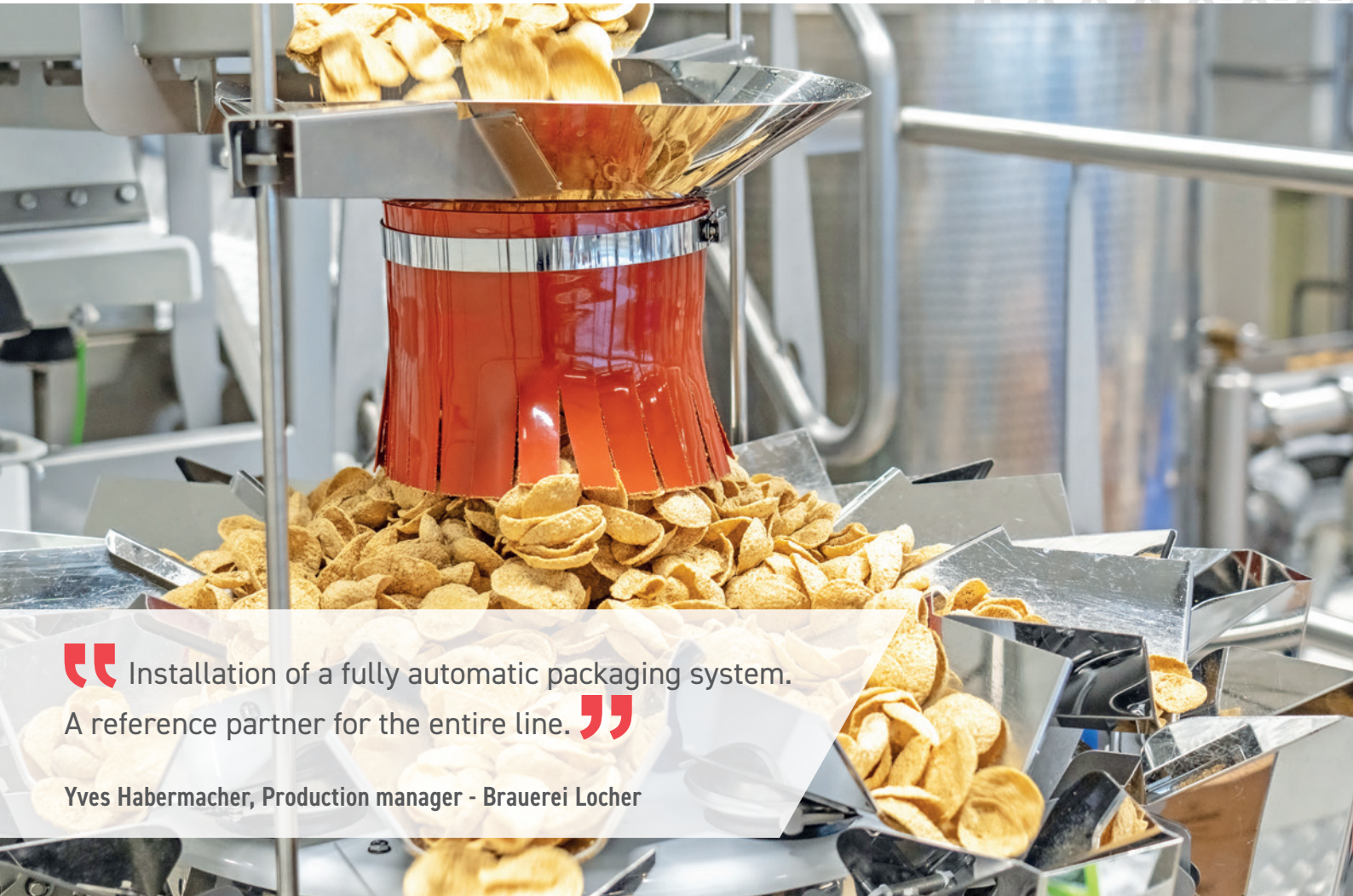


Investing in sustainability

A brewery in the snack business



“ Installation of a fully automatic packaging system.
A reference partner for the entire line. ”

Yves Habermacher, Production manager - Brauerei Locher

CHALLENGE

Meeting the **growing demand** for the product and importing, building an **In-house production and packaging** process, as well as creating a line and process that reflect the **environmentally friendly product**.

SOLUTION

In 2019, Itech AG designed a line consisting of **elevator belts** that convey product up to the **multi-head weigher**, Ishida's **CCW SE3**, positioned on a stainless steel platform. Underneath is placed an **Itech 1520 pillow bag packaging machine**.

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Measuring plays a key role within the packaging line. The “Tschipp” must be put into the bags as quickly and precisely as possible. This task can be performed well with a Multihead Weigher. The manufacturer **Ishida developed the CCW-SE3 series** specifically for automatic weighing of **dry, free-flowing products with small target weights**, such as the Locher brewery processes. The features of the scale include ease of use and its **hygienic design**. The contact parts can be removed without tools for wet cleaning.

The snacks fall from above onto the distribution plate of the ten-head scale, with their supply being automatically regulated by a weighing cell. Through vibrating separately controllable radial grooves, the products are transported evenly to trays, whose flaps are driven

by high-performance stepper motors. A digital weighing signal filtering enables the high accuracy of 0.1 g for the calculation of weight combinations. The scale discharges the correctly measured product portions directly into the tubular bagging machine through a funnel. The Locher brewery currently produces packaging with filling weights of 10 g, 30 g and 90 g. The product changes happen at lightning speed by calling up default settings. In accordance with the format, between **30 and 50 bags are filled per minute**, as the Ishida CCW-SE3 Multihead Weigher in combination with Itech’s 1520 pillow bag packaging machine facilitate the attainment of significantly higher speeds. With regard to accuracy, the performance also corresponds to the specifications, the maximum overfilling is 1.2 g.



Yves Habermacher, Production manager

“ Locher Brewery wants to continue the success story of ‘Tschipp’ in cooperation with Itech ”

BENEFIT FOR CUSTOMERS

- **One partner** for the entire line and beyond
- **Reduction** of product waste
- Designing a line that matches the **company’s ideals**
- **In-house and simplified** production and packaging

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