

SIG launches automated plants with next-generation robotic sleeve magazine

27 July 2021 | News

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Helps food and beverage manufacturers develop fully automated filling plants with digital upgrading

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Consequently, this means manufacturers can easier develop fully automated filling plants – and keep up with growing consumer demands and advances within connectivity and digitalisation.

In an ongoing bid to help manufacturers stay competitive and keep up with a constantly evolving industry, SIG is committed to designing and building filling machines that streamline every stage of their production process. R-CAM 2 is one of SIG's solutions that enables the company to meet this demand in the market.

Stefan Mergel, Senior Product Manager Equipment at SIG: "With this next-generation sleeve magazine, SIG created a highly robust, stable and reliable solution that is designed to cater to all filling machines in our current machine portfolio, making it a key component in building the fully automated filling lines of the future – and helping manufacturers save time and costs in the process."

R-CAM 2 is a robotic sleeve magazine that consists of two parts: a pallet magazine and an unpacking station, with the former offering space for two Euro pallets or industrial pallets. SIG's latest sleeve magazine is designed to automatically remove shipping boxes from the pallet, open them, and then load the filling machine with carton sleeves. This allows customers to operate an end-to-end filling line with one operator.

R-CAM 2 is also loaded with other time-saving features: from being able to run continuously for up to 2.5 hours without the need to change a pallet, to an ability to compress and pack empty shipping boxes – among many other things.

All of this has led to SIG customer Arla Foods acquiring the first R-CAM 2. Already familiar with the first iteration of SIG's robotic sleeve magazine – again as the first manufacturer to acquire one, back in 2015 – Arla Foods wanted to achieve even greater levels of efficiency.

With its dedicated Smart Factory platform, SIG is committed to helping food and beverage manufacturers develop smarter and more connected factories.