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BW Flexible Systems' new Hayssen ISB vertical form-fill-seal machine delivers intelligent sanitary bagging

Next-generation design developed from customer interviews and deep company expertise



The Hayssen ISB vertical form-fill-seal machine debuts at PACK EXPO Connects in November.

DUNCAN, S.C. — Oct. 22, 2020 — BW Flexible Systems' new [Hayssen ISB \(intelligent sanitary bagger\)](#) aims to provide best-in-class sanitary design, modern industrial machine intelligence and intuitive operation for vertical form-fill-seal packaging. This new machine will debut at PACK EXPO Connects, held online November 9 to 13, 2020.

To develop the Hayssen ISB, BW Flexible Systems conducted voice of customer interviews in target markets—including fresh produce, frozen/individual quick freezing (IQF) and cheese—asking about pain points and preferred features.

“What we heard in those conversations was a need for an unparalleled hygienic design that was easy to change over, flexible and intuitive to operate,” said Ed Haarsgaard, BW Flexible Systems' Sales Leader for new machinery. “The Hayssen ISB delivers a powerful sanitary design and modern intelligent systems, made possible by our customer-centered approach and deep flexible-packaging knowledge from decades of experience.”

The entire machine is high-pressure washdown capable, including its human-machine interface (HMI), which would typically require protection due to its sensitive components. This VFFS has earned an IP66 weather-proofing rating and a NEMA 4X rating for enclosures. Other hygienic features include its frame, which is an open-channel design with sloped surfaces built to have no more than one square-inch of surface-to-surface contact between components. Furthermore, the Hayssen ISB uses standoffs and flanged fasteners to eliminate secondary hardware like washers, and the bagger's film rollers are fully removable without tools and come completely sealed with lifetime bearings. In addition, vacuum belts, a potential source for contamination and pathogen growth, have been eliminated in favor of friction belts.

The Hayssen ISB's HMI can be equipped with cellular network capabilities to communicate with tablets for training opportunities without affecting production needs. The VFFS can self-diagnose potential issues in real-time and automatically calculate program values to maximize performance.

Changeovers on the Hayssen ISB are toolless except for the sealing jaws. The machine features passthrough film threading, and its entire unwind and film path has been engineered to provide immediate film tracking adjustments. Film tension is managed and maintained automatically using a laser measuring system.

Live virtual demonstrations of this new bagger are scheduled several times during PACK EXPO Connects, and plant tours also are available at BW Flexible Systems' Duncan headquarters by appointment.

BW Flexible Systems creates flexible packaging solutions by bringing together some of the industry's most trusted and innovative brands, including Hayssen, Rose Forgrove, Sandiacre, Schib, Simionato, SYMACH and others. BW Flexible Systems is one of several Barry-Wehmiller companies represented in [BW Packaging Systems](#), which brings together the collective packaging capabilities of Accraply, BW Flexible Systems, BW Integrated Systems, Pneumatic Scale Angelus and Synerlink.

ABOUT BW FLEXIBLE SYSTEMS

BW Flexible Systems is a global manufacturer of packaging systems that fill and bag thousands of food and non-food products. Our packaging systems are designed and manufactured to maximize the efficiency and lifetime value of our customers' packaging lines. Our range of machinery includes form-fill-seal, feeding, bag filling and sealing, pouch-making equipment, flow-wrap, reclosable packaging solutions, palletizing, stretch-wrapping and more. For more about BW Flexible Systems, a Barry-Wehmiller Packaging Systems company, go to bwflexiblesystems.com.

ABOUT BARRY-WEHMILLER

Barry-Wehmiller is a diversified global supplier of engineering consulting and manufacturing technology for the packaging, corrugating, sheeting and paper-converting industries. By blending people-centric leadership with disciplined operational strategies and purpose-driven growth, Barry-Wehmiller has become a \$3 billion organization with nearly 12,000 team members united by a common belief: to use the power of business to build a better world. CEO Bob Chapman shares the story of the company's transformation in his book, [Everybody Matters: The Extraordinary Power of Caring for Your People Like Family](#). To learn more, go to barrywehmiller.com.