

## PRESS RELEASE

For immediate release.

### ***New Case Packer/Palletizer Combination Creates High Speed Solution with a Very Small Footprint***

May 2009, Blacksburg, VA — ESS Technologies, Inc., has integrated the Bergami Model K 15 Horizontal Case Packer with the ESS Robotic Mini Palletizer Cell to create a high speed solution for case packing and palletizing cartons, bundles, trays, pouches, etc. for the pharmaceutical, nutraceutical, cosmetics and consumer goods industries. The space-saving design requires an area only 17'-1" x 7'-7" and features a



FANUC M-20iA robot standard but may incorporate a number of models, depending on the payload and reach requirements of the application. The K 15 is capable of packing up to 15 cases per minute, while the integrated robotic pallet cell handles up to 30 cases per minute. Fast changeover (15-20 minutes typical) and touch screen controls make the system operator friendly.

Designed for packaging facilities where floor space is at a premium, the case packer/palletizer combination brings high performance to any end-of-line packaging application. The K 15 Case Packer uses high accuracy mechanics and incorporates a true “Balcony” design, which includes a rear drive and meets cGMP standards, allowing complete access for product changeover, inspection, and maintenance. Product enters the K 15 infeed in single file. It is collated and sent to the servo driven down-stacker to form the complete pack pattern. Case blanks are pulled from a magazine, erected, and placed in a servo driven lug chain. Full cases are closed using either self-adhesive tape or hot melt glue. The K 15 case discharge conveyor integrates directly into the infeed of the ESS Robotic Mini Palletizer Cell, where a FANUC robot with ESS-designed vacuum or gripper style end-of-arm tooling (EOAT) picks one or more cases from the conveyor and places them on the pallet in a pre-programmed pattern. Because the palletizer is robotic, no case accumulation is required at the palletizer infeed, further reducing cost and required floor space. The palletizer cell can be configured to include automatic pallet dispensers, pallet discharge conveyors, and tier sheet dispensers.

#### **About ESS Technologies, Inc.**

ESS Technologies, Inc., founded in 1993, specializes in complete packaging line design, equipment manufacturing, and integration. Our expertise includes filling/capping equipment, robotic palletizing systems, horizontal/vertical cartoners, horizontal/vertical case packers, tube fillers, overwrappers, custom designed solutions for medical device assembly and pharmaceutical packaging, and integrated robotics. ESS Technologies, Inc. is a U.S. distributor of Bergami packaging machinery as well as a FANUC Robotics authorized system integrator and strategic partner for the secondary packaging and palletizing of pharmaceuticals and cosmetics. Engineered for reliability and efficiency, ESS Technologies’ innovative solutions offer you tomorrow’s packaging technology today.