

PRESS RELEASE

For immediate release.

New Modular Robotic Case Erector and Case Closer/Sealer

June 2017, Blacksburg, VA — ESS designed the new Model CE15 Robotic Case Erector and CS15 Modular Case Sealer to integrate easily with existing case packing lines. This allows manufacturers to automate their manual case erecting and case closing processes. Both the case erecting and case sealing modules offer a compact footprint to reduce the required factory floor space. ESS can design the system to facilitate either manual or automated case loading. The CE15/CS15 Case Erector/Case Closer are ideal for use in packaging pharmaceuticals, nutraceuticals, cosmetics, and consumer goods, offering small and mid-sized packaging facilities a cost-effective, space-saving solution for automated case erecting and sealing.

The CE15 Robotic Case Erector integrates a FANUC M-10iA robot with custom, ESS-designed end-of-arm tooling (EOAT) to create a compact case erector that produces up to 15 cases per minute. The robot picks a case from the ergonomically designed case magazine and uses the special EOAT to square the case sides. The robot then runs the case across a bottom closer and sealer before placing it on the case transport conveyor. Case bottoms may be secured with 2" tape (standard) or hot melt glue (optional). The case then conveys to a manual or automated loading station, or the CE15 may be integrated with new or existing case loading systems. The CE15 robotic case erector is ideal for heavy duty cases and provides excellent repeatability while offering long term durability and unprecedented MTBF statistics. Few moving parts and simple tool-less changeover enhance productivity and up-time.



After loading, cases convey to the CS15 Case Closer and Sealer module. The top flaps of the case are closed and the top is sealed with 2" tape (standard) or hot melt glue (optional). The CS15 easily integrates with the case loading system as well as labelers, shrink wrappers, case check-weighers, and robotic palletizing systems to create a complete case packaging line. Both systems use Allen Bradley controls and include a color, touchscreen HMI.



To meet serialization requirements for pharmaceutical manufacturers, ESS works with serialization system OEMs to seamlessly integrate coders, labelers, and inspection systems to create a solution for track-and-trace case packing applications. ESS has installed dozens of serialization-enabled case packers in North America and

has worked with all industry leaders in serialization systems. ESS now offers 3-5 months shipment of our serialized cartoners, case packers, and robotic pallet cells, depending on the machine and application.

About ESS Technologies, Inc.

ESS Technologies, Inc., founded in 1993, specializes in complete packaging line design, manufacture, and integration. Our product expertise includes monoblock fillers/cappers, robotic palletizing systems, automatic cartoners, robotic case packers, wrap around case packers, and TaskMate[®] robotic systems for loading, unloading, pick-and-place and assembly applications. ESS works closely with all major OEMs of serialization systems to assure seamless integration with our line of packaging machinery and has installed track-and-

trace-ready cartoners, case packers and palletizers in a number of pharmaceutical manufacturing facilities. Engineered for reliability and efficiency, ESS provides innovative packaging machinery.

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