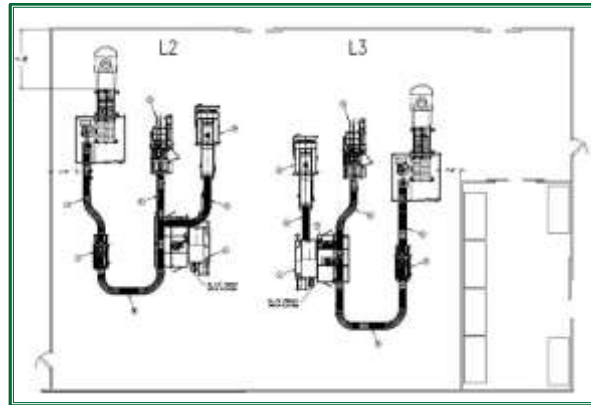


Composite Can Integrated Robotic Packaging Line for Trays/HSC/RSC Containers



A food company with multi NA locations contacted MD Packaging, our representatives in Canada, regarding providing an integrated robotic packaging solution to accumulate composite cans and load them into a Tray, a HSC or a RSC container. MD was able to bring 5 of their principles together under the guidance of Emerald Automation to provide the complete line times two. The challenge was to provide two dough lines in one room. We would accept the cans after the labeler into a vertical stacker to create the proper pack pattern. As a FANUC Authorized Integrator, we chose the M-10iA robot to meet our payload requirements. Since each pattern could be supplied in a tray, HSC or RSC created a simple conveyor design to feed the load cell from either type former. With the cans loaded, they return back around and through a top sealer with pass through for trays and HSC's into a FANUC Robotic Palletizer from Flexicell. Case Formers from Wexar, Trayformer from Boix, Emerald Automation Robotic Case Packer, Highlight Case Sealer, Conveyors by George A. Wright. The raw materials input and palletized finished goods use the same fork lift access.

If you are looking for a simple, reliable integrated system, give us a call at 509-783-1369 and let's talk about it.