

The packer with an eye for detail

17 Mar 2014

AFA Systems' new top load case packer is called the TL-PFG Fanuc Delta 3 Robotic Top Load Case Packer. It uses dual Fanuc M-3iA Pick and Place Robots to top load product into opened cases. And can reach speeds of more than 100ppm. The system can integrate with a wide range of upstream equipment including vertical form fill seal systems, horizontal flow wrappers, as well as bottle and pouch filling systems. Typical product applications include bottles, bags of product, pouches, sachets, cans, and flow wrap packages.

The TL-PFG also integrates with an upstream case erector. The case erector will erect a case and discharge it onto a conveyor in a top load orientation. The TL-PFG uses a flighted conveyor to direct the case into the correct position for top loading. An iRVision system is integrated with an upstream conveyor which detects the position of the product. This essential feature makes sure that the Fanuc M-3iA robots pick the product in the correct position for accurate top loading.

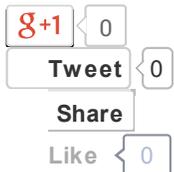
After the case is loaded with its product, it is discharged downstream for further processing.

The TL-PFG uses an Allen Bradley CompactLogix Control System and an Allen Bradley PanelView 700 TouchScreen HMI. The TL-PFG also incorporates a heavy duty frame for 24/7 operation.

AFA Systems is represented in Australia by Process Plant Network in Victoria.

<http://www.youtube.com/watch?v=ahEwEeBBeh0> (<https://www.youtube.com/watch?v=ahEwEeBBeh0&feature=youtu.be>)

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