

TR-QCP - Transrector™ Series Robotic Case Packer

The TR-QCP features a case transporting system never before seen in the case packing industry. The TR-QCP does not require lugs and chains to complete the case erection, loading, gluing and sealing process. A gantry robot is used to pick and erect the case. The gantry robot then transfers the case through the loading, sealing and discharge station. Through this process, the case is secured by the gantry robot's end effector. This feature eliminates the typical lug and chain arrangement on the case transporting system. In addition, end users incur numerous benefits including reduction of machinery components (chains, motors, etc), fully automatic changeover, and simpler maintenance. All these features will help maximize your overall operating efficiencies.

Features

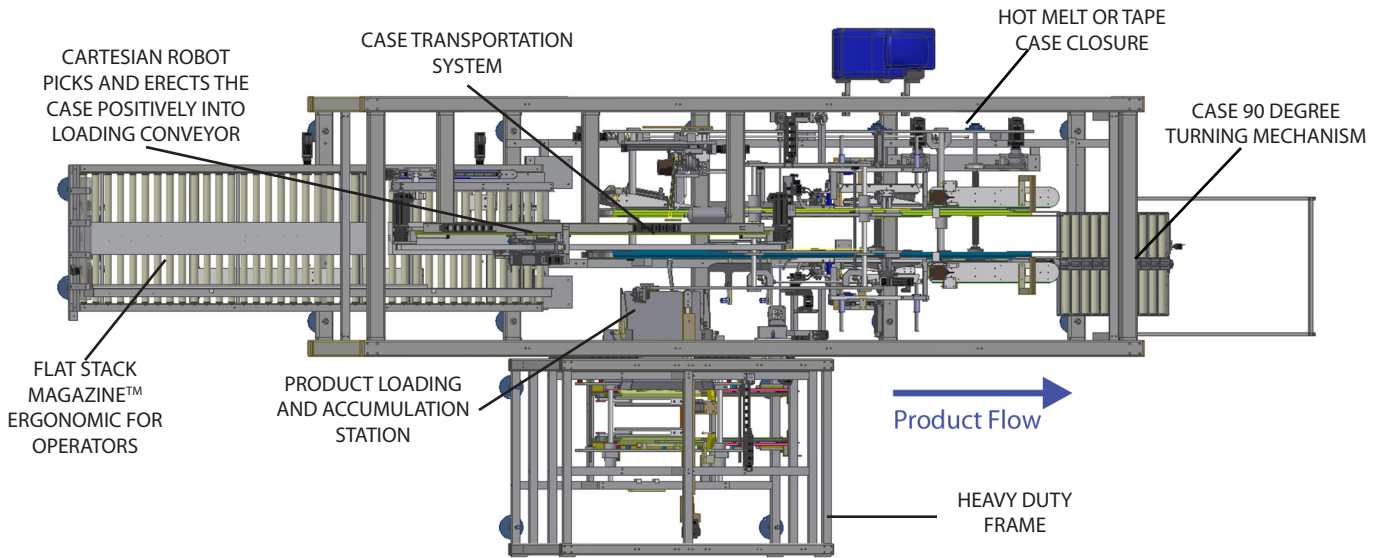
- » Fully electronic changeover is completed in minutes with no operator intervention
- » On-screen programming allows for the addition or modification of loading patterns and product sizes
- » Above picture shown with tape closure. Can be set up for glue closures.
- » Furnished to comply with Nema 12 ratings
- » Option of dual gantry robot case erector to increase case packing speed
- » Heavy duty frame ensures non-stop operation
- » Full guarding with safety interlocks



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Typical Floor Plan



Key Components



Case loading and collating system on one gantry robot. This ensures a reduction in mechanical components resulting in savings in spare parts and maintenance.



No chains or lugs required on the case transportation system ensuring minimal case damage, faster changeover times, and reduction in spare parts and maintenance costs



Flat Stack Magazine™ and Cartesian Case Erecting eliminates tabs and pins on the magazine for fast repeatable changeover with no tweaking or adjustments

Case Size Range

Standard		L	W	D
Size Ranges (Inches)	min.	6	6	6
	max.	20	20	20

* If size outside case size range please check with AFA Representative



Process

