



The TLC™ Top Load  
Cartoning System including  
carton opening and top closing  
system with SCARA robotic  
loader



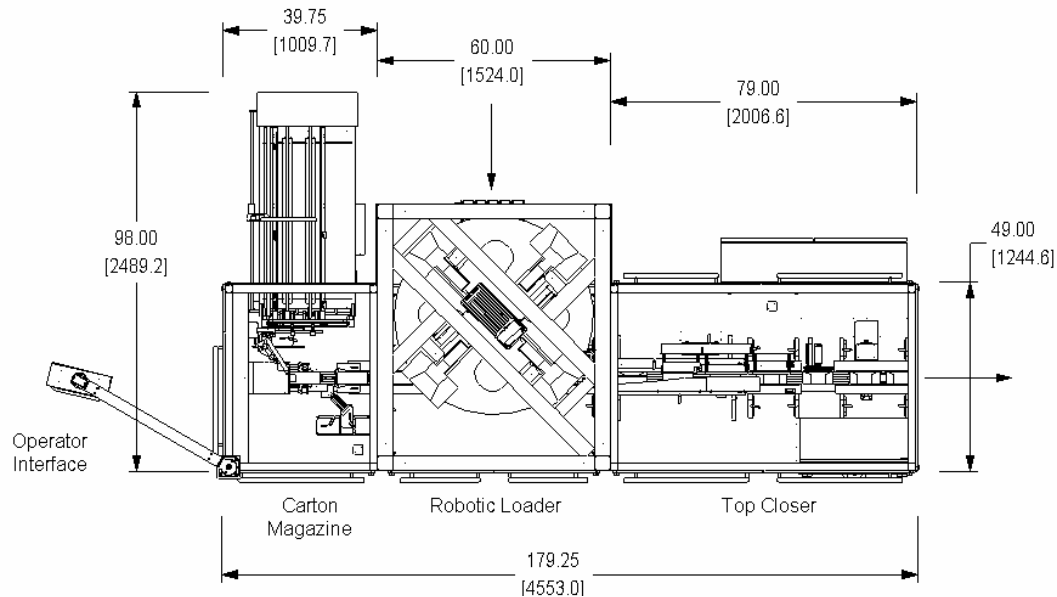
#### FEATURES & BENEFITS:

- Configurable for either auto lock style cartons –or– formed cartons **providing flexibility for growth and cost savings.**
- cGMP design is **suitable for pharmaceutical / health care industry.**
- Modular design allows future modification so it's **flexible to meet your future production requirements.**
- Klean Top™ design eases cleaning and lot batch changeover **saving you time.**
- Servo motion is smooth, accomplished with few components for a simple, robust design for a **long component life and ease of maintenance.**
- Tool-less changeover allows for **fast and accurate changeovers.**
- Ergonomically designed carton magazine is **easy to load limiting operator injury and strain.**
- Complete with the latest ANSI/PMMA B155.1 safeguarding standards ensuring **regulatory compliance and your staff safety.**
- Metric design **meets international standards.**
- Validation assistance included at no extra cost **saves you money and time during start up and commissioning.**

***Suitable for all pharmaceutical, nutraceutical,  
parenteral, kit packaging and dry food applications***



Standard Carton Size Range		
SIZE	L x W x H	SPEEDS
Minimum	2.00 x 1.75 x 2.00 in 50 x 45 x 50 mm	Up to 40 CPM
Maximum	9.00 x 6.00 x 8.00 in 230 x 150 x 200	Up to 30 CPM

**BASE MACHINE:**

- **Carton Setup** Auto lock or flat blank former carton
- **Magazine** Ergonomically designed horizontal powered magazine
- **Guarding** Full height polycarbonate interlocked doors
- **Quick and Accurate Changeover** using Kwik Klip™ magazine masks, drop in plows and guides and no tool adjustments
- **Pharmaceutical Validation Assistance**
- **Motion Control System** Allen-Bradley CompactLogix
- **Operator Interface** HMI touchscreen
- **Power** 230 VAC, 3 Phase, 50-60 Hz
- **Air** 15-25 SCFM @ 80 PSI typical
- **Construction** Design meets cGMP, top deck product containment with welded, painted frame

**OPTIONAL FEATURES:**

- Automatic product loaders (including robotic)
- Insert feeding
- Coding / printing with verification
- Bar code verification
- Batch record data collection
- Remote diagnostics