

Robotic system for automating loading of machine magazines

The Pearson Model RML-MX Robotic Magazine Loading Cell is the solution for automatically loading the magazines of your packaging machinery. Each RML-MX is designed to your specific project requirements, but they all feature a multi-axis articulated arm robot, which provides the ultimate in flexibility and reliable operation. With fast, pre-programmed changeovers and customizable end-of-arm tooling, the RML-MX can be configured to load an assortment of different packaging machinery magazines, including case erector, tray former, carrier erector and cartoner magazines. Plus, as your needs change, the RML-MX can change with you.

For loading knocked-down cases into a Pearson case erector, pallets of knocked-down bundles of corrugated cases are transferred into the cell. Once in place, the multi-axis robot picks a bundle of knocked-down cases from the pallet and places the bundle in a secondary device that cuts and removes the banding. Once the banding is removed, the bundle is lowered into place on the magazine of the case erector.

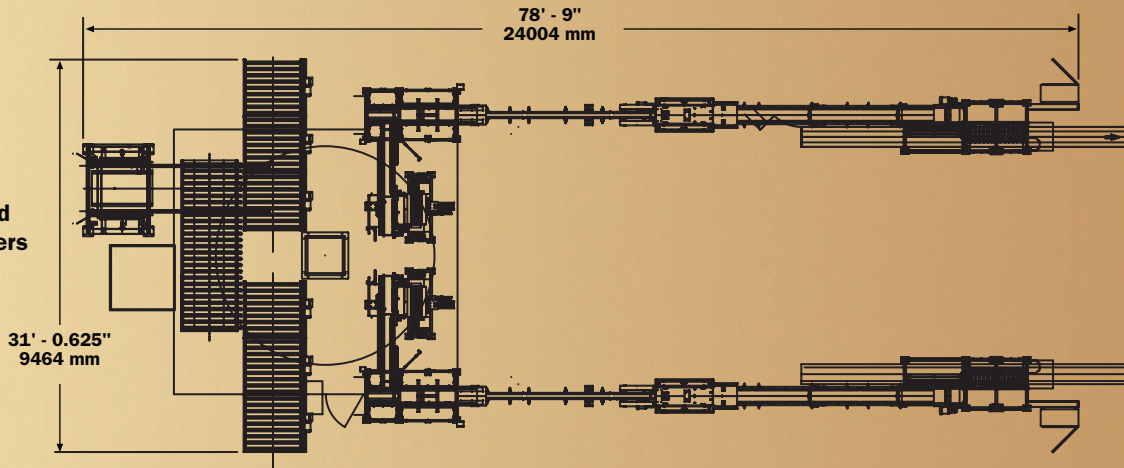
For loading knocked-down carriers or cartons into a magazine, the multi-axis robot picks case of carriers or cartons from the pallet and places it on a secondary device designed by Pearson. The device inverts the case and positions the blanks onto the magazine of the carrier erector or cartoner. Once empty, the case is lifted from the magazine and removed for disposal. The carriers or cartons are then advanced into the machine.

The RML-MX offers the following features:

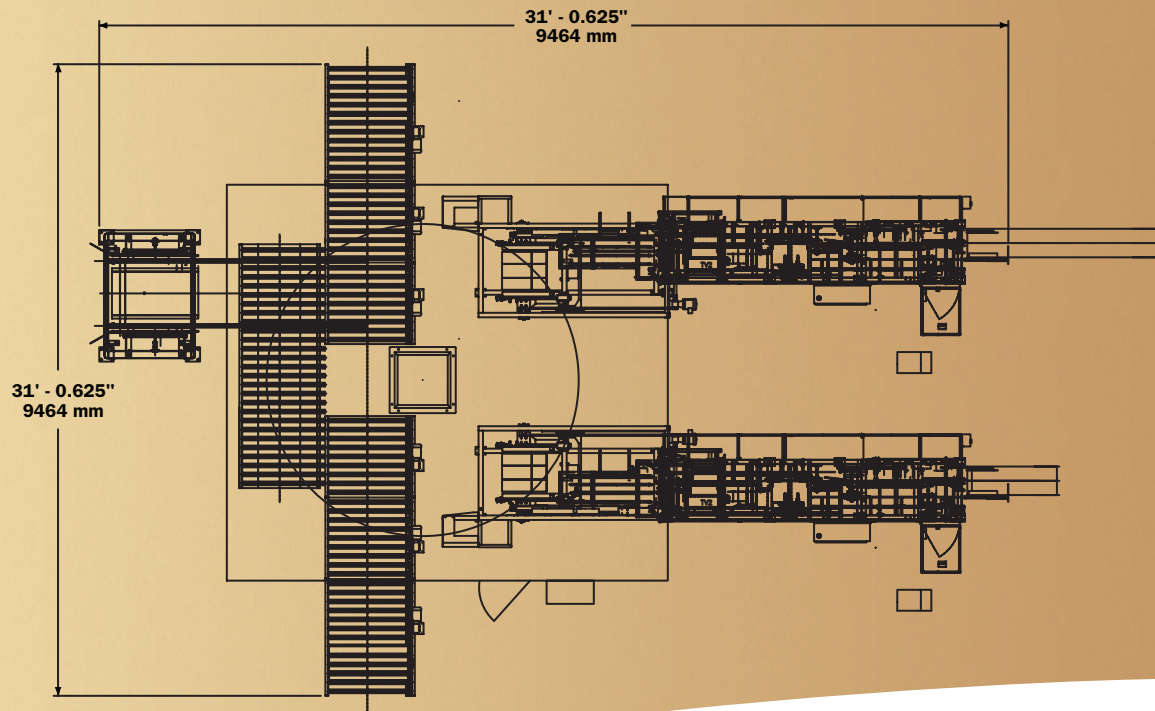
- **Highly reliable robotic arm design with MTBF of over 60,000 hours**
- **Fully-interlocked perimeter guard package**
- **Flexibility to accommodate layout requirements**
- **Fast, pre-programmed changeovers**
- **Customizable end-of-arm tooling**

Like all Pearson products, the RML-MX is backed by Pearson's experienced factory professionals as well as one of the largest teams of PMMI certified regional service technicians in the industry, available 24-hours a day, 7-days a week - worldwide.

**Carrier Erector
Magazine Loading
Cell with 2 BE150
Carrier Erectors and
2 MP50 Multipackers**



**Case Erector
Magazine Loading
Cell with 2 CE70
Case Erectors**



UTILITY REQUIREMENTS RML-MX

Electrical:

230/460V, 3-phase,
60 Hz Std., 5.54 kVA

Pneumatic:

Dependent on project requirements.

Shipping Weight:

Dependent on final configuration.

