



Ideal Ergonomic Positioning Speeds Case Picking

Boost pick rates, reduce injuries, and minimize downtime with Ergo Cell separator and hydraulic lift table.

Pallet flow systems equipped with the Ergo Cell pallet separator and hydraulic lift table boost case-picking productivity. The pneumatic pop-up separators hold back rear pallets, isolating the front pallet on the lift table. Operators can raise pallets to an ergonomic height for easier, less strenuous case picking. Once the table is lowered and the empty pallet is removed, the separators release the next pallet with a push of a button.

Pallet Flow Configuration

- Pneumatic pop-up cylinders
- Stopper rails
- Control box (or hand-held remote)
- Hydraulic lift table & foot pedal



Pneumatic Cylinder



Stopper Rails



Control Stand



Lift Table



See installation instructions on page 2.

Installation & Calibration Instructions

See installation drawings for details related to your specific system design.

Setup:

- Ergo Cell pneumatic assemblies arrive fully assembled.
- Pop-ups & control box are 100% pneumatically operated – No voltage required.
- Air pressure input 80-100PSI
- Air flow rate: 4 SCFM* at startup & less than one SCFM* per cycle
- Install flow rails according to installation drawings supplied with materials.
- Lift tables supplied by Mallard require a standard 110-volt service.
- Conveniently position the control stand adjacent to the lane.

*SCFM - standard cubic foot per minute

Calibration:

The control box arrives with a preset firing delay. To adjust the delay, access the timer unit inside the control box.



Watch the Ergo Cell pallet separator with lift table in action:

