BRENTON®

HL SERIES HIGH LEVEL INFEED PALLETIZER

High speed flexible palletizing solutions

The Currie product line High Level Infeed Palletizer (HL Series) can palletize up to 100 cases per minute depending on configuration, serving one or multiple packaging lines.

Currie offers customers the ability to select existing pack patterns or program new pack patterns on the HMI, eliminating the need to use an offline computer or to plug in a computer to the palletizer.

FEATURES AND BENEFITS

- Fully Automatic, runs unattended
- Maintenance Safety – One lever, Elevator Safety lock-up to secures all four corners of elevator bed
- Control system stores multiple pack patterns and enables quick changeovers
- Touch screen pack pattern programming saves time and makes the operation of the equipment more efficient
- Multiple configurations available to accommodate a wide variety of plant layouts and project requirements
- CAT II Safety machine guarding is standard; CAT III is optional
- Heavy duty construction for long service life

TYPICAL PRODUCT SPECIFICATIONS

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Footprint	14' x 7' or larger depending on configuration	**Infeed Conveyor Elevation (Standard)**	110"
Speed	30 to greater than 100 cases per minute*	**Discharge Conveyor Elevation (Standard)**	18"
Case Size	24" x 24" x 14" H**	**Electrical Requirements**	60 Amp @ 230 V; 30 Amp @ 460 V
Pallet Size (Standard)	Variety of pallet sizes available	**Air Requirements**	80 PSI @ 7 CFM
Load Size (Up To)	50" x 50" x 72" H standard; up to 102"	**Options**	• Differential Speed Belt Case/Tray Turner • Auto Load Pallet Dispenser • Sheet Feeders • Formal Training Program
Design Load Weight	4,000 lbs.		

Actual speed determined by pallet pattern and sheet feeders
**Other case ranges available*

PRODUCT OPERATION
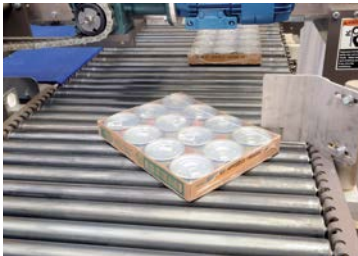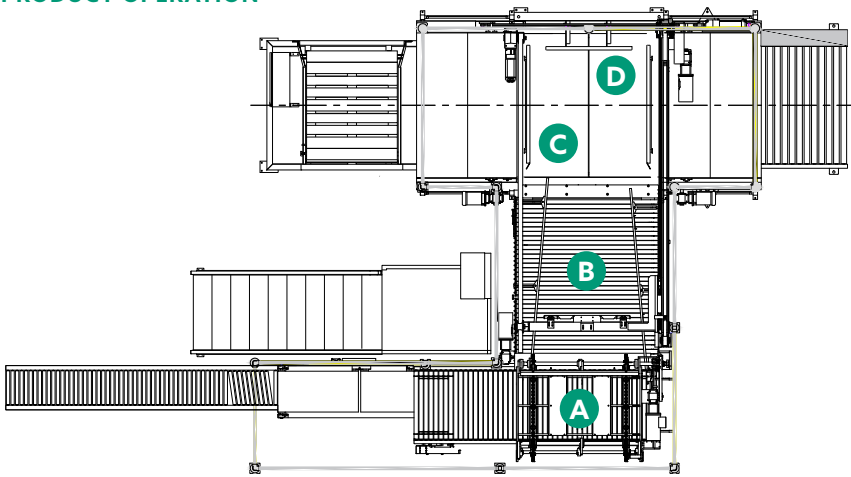
A. CASE FEEDING

Cases are fed to metering and gapping belts. The case/tray turner and case stops help form the desired row pattern.
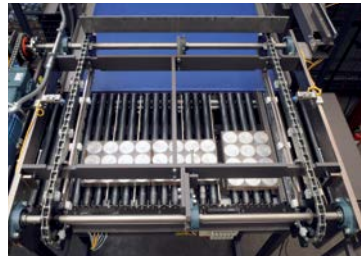
B. ROW FORMING

Cases convey into the row forming area where each layer is formed one row at a time.

C. LAYER ARRANGEMENT

The layer pusher-with-lift pushes each layer onto the bi-parting stripper plates or transpositor plate.

D. LAYERING ON PALLET

The stripper plate(s) retract allowing the layer to settle on top of the load.