

# HLP

## High Level Infeed

## HIGH SPEED FLEXIBLE PALLETIZING SOLUTIONS

## Servo Design Creates Fast And Smooth Product Handling

The Currie by Brenton HLP High Level Infeed Palletizer is ideal for packaging operations ranging from 30 to over 100 cases per minute. Currie HLP palletizers can serve one or multiple packaging lines and be remotely located from the packaging operation.

Currie by Brenton 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 notebook computer to the palletizer.



## New hydraulic free design:

- Servo Elevator Hoist
- Servo Row Pusher
- Servo Layer Pusher

## With all the features you are looking for!

- Fully Automatic, runs unattended.
- State-of-the-art safety features (designed in, not added on).
- Modular design provides increased value and safety.
- Control system stores multiple pack patterns and makes changeovers in seconds possible.
- Touch screen pack pattern programming allows for rapid product changeover and makes the operation of the equipment more efficient.
- Heavy duty construction for long service life.
- Multiple configurations available to accommodate a wide variety of plant layouts.
- Multiple accumulation layer improves throughput.
- Machine guarding standard is CAT II safety with CAT III optional.
- Operators manual to access safety, changeover, maintenance, daily operation, and troubleshooting instructions.



## Operation



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



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



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



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

## High Level Infeed (HLP) Conventional Palletizer Specifications

Footprint	14' x 7' or larger depending on configuration
Speed	30 to greater than 100 cases per minute*
Case Size (up to)	24" x 24" x 14"H standard
Pallet Size (up to)	48" x 48"
Load Size (up to)	50" x 50" x 72"H standard; up to 102" optional
Infeed Conveyor Elevation	105" (standard)
Discharge Conveyor Elevation	18"
Electrical Requirements	480V, 3P, 60 hz
Air Requirements	80 PSI @ 7 cfm
Options	<ul style="list-style-type: none"> <li>Differential Speed Belt Case/Tray Turner</li> <li>Auto Load Pallet Dispenser</li> <li>Sheet Feeders</li> <li>Allen-Bradley Remote HMI Panel</li> <li>Allen-Bradley PanelView Plus 1000</li> <li>Formal Training Program</li> </ul>

\*Actual speed determined by pallet pattern and sheet feeders

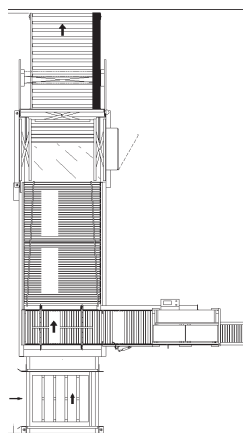
Optional Pallet Dispenser has remote enclosure for operator interface and I/O.

Elevator Safety lock-up secures elevator bed for maintenance.

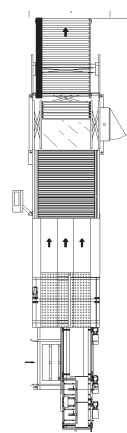


## Configurations

### Right or Left



### Inline



### Parallel or Counter-flow



Optional Layer Sheet Placer: (1) Uses floor level magazine loading and (2) Vacuum picks all 4 corners of slip sheet for accurate placement.



Energy absorbing case turner gently orients case and accurately aligns cases.

Photo below: Dual servo elevator



Making a **DIFFERENCE**  
in the **success** of our  
**CUSTOMERS**



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