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# CONVENTIONAL PALLETIZERS

Lopal



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The Lopal palletizer is an automatic, floor-level palletizer for applications where high-level case conveyors, incline conveyors and platforms are neither feasible nor desired. Its rugged, unitized frame is designed and built to the same exacting standards as the high-level infeed series. The Lopal palletizer can be off-loaded, moved into position and

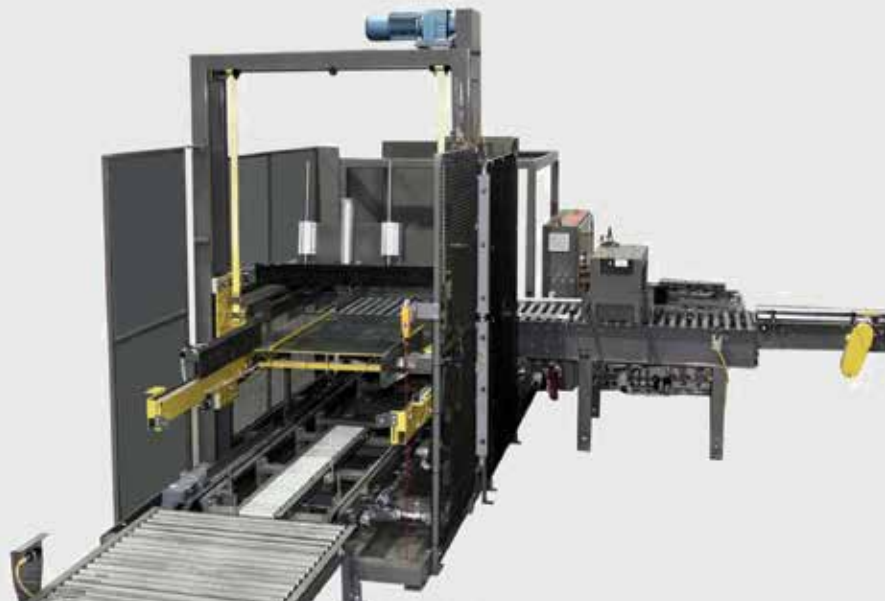
mechanically installed by the owner's personnel with less than a single shift effort. Energy efficient, it unitizes pneumatic and electrical power, producing an exceptionally quiet design. The Lopal is engineered to be user-friendly, and allows ready access for adjustment and maintenance of components at floor level.

## Features and benefits

- Product infeed is available in one of four standard configurations. Design case infeed elevation is 3'-0". A two-piece, rough-top belt is also included.
- Automatic pallet handling. Pallets of up to 48" x 48" in size are standard.
- Floor-level design provides ease of maintenance. All case and pallet handling can be viewed at floor level.
- Layer-forming system accepts rows of product and forms layers directly onto the slide plate. This plate, which elevates or lowers, shuttles into position and gently strips layers onto the pallet
- The slide plate and related adjustable guides accurately center layers to provide square, closely stacked loads. An optional two or four-way layer compression feature is available
- Comprehensive safety features include emergency stop button(s), photo cell interlocks, warning signs, guards, automatic locking brakes on layer elevator, and multi-beam safety devices.
- Rigid, welded structural steel frame
- Wide range of options

## Options

- Unitizing capabilities
- Slip sheet dispenser or Tier sheet dispenser
- Full load discharge conveyor (powered 2-strand chain, powered roller or gravity roller)
- Two or four way compression
- Manual pallet handling-pallet on skid plate at load position
- Removal of load with simple hand truck
- Side infeed case conveyor
- PLC upgrades



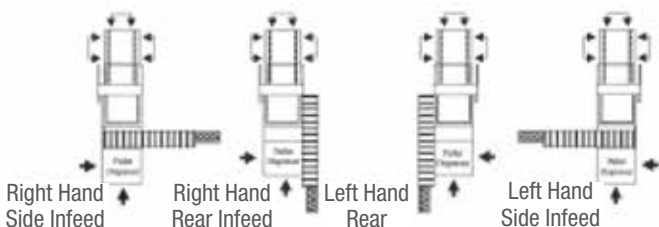
## Production rate

Up to 35 CPM depending on case sizes, stacking patterns and configurations

## Technical data

<b>Electrical Connection:</b> .....	230/460v/3ph/60hz
<b>Programming:</b> .....	Allen-Bradley Compact Logix L32E Programmable Controller with Ethernet
<b>Control Circuits:</b> .....	24 VDC
<b>Floor Space:</b> .....	175 sq. ft. average, exclusive of case conveyors
<b>Net Weight:</b> .....	Approximately 8,000 lbs.
<b>Pallets:</b> .....	Handles virtually any type and size up to 48" x 48"
<b>Patterns:</b> .....	Unlimited on the number of stacking patterns, including interlocking or column stacks, overhung or underhung loads
<b>Pallet Magazine Cap:</b> .....	10-12 empty pallets, standard. 20-25 with optional guide extensions
<b>Stack Heights:</b> .....	Operator interface for quick change of layers per load. 82" plus one layer height (using pallet skid), 70" plus one layer height (using pallet handling) and 70" plus only layer height (for unitizing)
<b>HMI Controls:</b> .....	Controls for all machine functions to facilitate maintenance and clearing of machine – Allen Bradley Touchscreen
<b>Installation:</b> .....	Fast and simple. No excavation or special foundations required
<b>Maintenance:</b> .....	All bearings are lubricated for life, and all components are accessible for lubrication, adjustment and inspection, for easier cleaning and maintenance.
<b>Paint:</b> .....	Standard color is gray. Other colors, epoxies or special paints are available.

## Available configurations



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