

PALLETIZATION EQUIPMENT

LOPAL



VONGAL LOPAL PALLETIZER

The vonGAL Lopal palletizer is automatic, floor-level palletizing 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.

OTHER FEATURES OF THE LOPAL PALLETIZER:

- 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 enter 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 a quick-dump air valve
- Rigid, welded structural steel frame
- Wide range of options, extensive customer training and toll-free service hot line (1-800-553-6652)

GENERAL SPECIFICATIONS

- Speed – Up to 35 CPM depending on case sizes, stacking patterns and configurations
- Electrical Connection – 200, 230/ 460v/3ph/60hz
- Programming – Allen-Bradley SLC 5/03 12K Programmable Controller
- Control Circuits – 115v
- Floor Space – 175 sq. ft. average, exclusive of case conveyors
- Net Weight – Approximately 8,000 lbs.
- Pallets – Handles virtually any type and size up to 48" x 48"
- Patterns – Unlimited on the number of stacking patterns, including interlocking or column stacks overhung or underhung loads
- Pallet Magazine Cap. – 10-12 empty pallets, standard. 20-24 with optional guide extensions
- Stack Heights – 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)

- Push Button Controls – Controls for all machine functions to facilitate maintenance and clearing of machine
- Installation – Fast and simple. No excavation or special foundations required
- Maintenance – All components are accessible for lubrication, adjustment and inspection. For easier cleaning and maintenance, 6"-18" elevating piers are available as options
- Paint – Standard color is gray. Other colors, epoxies or special paints are available

OPTIONS

- Unitizing capabilities
- Slip sheet dispenser
- Glue system
- 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

Available Configurations

