



GLADIATOR SERIES

Low Level Case Palletizers



BW Integrated Systems' Gladiator Series Low Level Case Palletizers are designed to maximize output, while offering flexibility to run a wide variety of patterns. Variable-frequency drives ensure precise motion control for handling corrugated cases, cartons, plastic or corrugate trays, bundles, or film-based formats. With product infeed at floor-level, operators can monitor the palletizer while performing other tasks, maximizing return on investment.

Gladiator Series Low Level Case Palletizers

Description of Operation

Case infeed can be configured in many ways to best handle the product efficiently and integrate into customer's facility. Products are patterned into rows or layers depending on speed/case pattern requirements and presented to the apron plate. The apron plate carriage then positions itself above the top of the pallet load. The layer of product is then stripped off and placed upon the pallet.

Multiple system configurations, features, and infeed heights are available. [Contact](#) our experienced sales teams today for a comprehensive review of your application(s) and to see how our Gladiator Series of Low Level Case Palletizers can benefit your company.

FEATURES

- Gladiator 325 - case speeds range up to 25 cases per minute
- Gladiator 340 - case speeds range up to 40 cases per minute
- Row former utilizes case turning design, along with undermounted case stops between roller
- Belt-driven apron plate allows for positive response, reduced downtime, and maintenance
- Four-point hoist provides stable and reliable lifting of loads
- Hoist equipped with auto service stops that automatically engage when power or air pressure is lost
- Three-strand chain pallet conveyor design allows equal distribution of loads throughout pallet transport
- Our pallet dispenser is the most versatile unit on the market utilizing an open architecture for multiple configurations, pallet sizes, and bad pallet quality forgiveness – options allow for fork truck or conveyor loading
- Light curtains are located at empty pallet loading and full pallet discharge with personnel access points located through interlocked gates
- Pneumatics are centrally located, easily accessible, and are a unique plug-and-play design
- PLC-based controls that conform to client's needs
- Standard PLC port and electrical receptacle on panel door for access to program without having to open panel door
- Operator interface can be mounted in a number of locations to provide the best view of machine function



Layer of product being patterned



Filled trays of product on a pallet



Full pallet of cases ready for discharge