



PROCESS INTEGRATION

INTEGRATORS AND MANUFACTURERS OF AUTOMATED SYSTEMS

MINIPAL Palletizing System

- **Minipal** is the Palletizing System offered by Process Integration to all of those companies that need to enclose the end of line activities within a limited area.
- The machine is formed of a Cartesian centerpiece system made up of three linear axis and a circular axis for product rotation. This structure has the advantage to have considerably smaller overall dimension than the traditional Cartesian portal palletizers, and allows for substantial performance improvements. Lifting can be done by either grippers or suction cups, depending on the product to be palletized.
- **Minipal** can be employed with more pallets and different feeding lines simultaneously, so it can be used for multiple stacking applications.
- The standard system is made up of a single feeding conveyor, while the empty pallet's positioning and removal of the filled one is made by an operator. It is possible to increase the machine productivity by providing a completely automatic pallet feeding and removal system that includes a pallet magazine for about 10 units thus reducing load and discharge times.



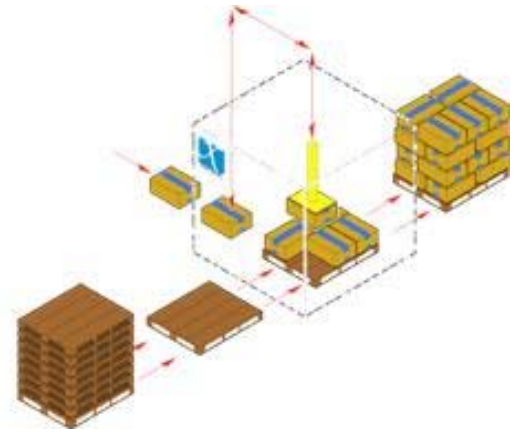
MINIPAL Palletizing System

Technical Data

- The number of bays is customizable.
- Speed: Max. 13 cycles/min for the single bay system
- Max. box dimensions: up to 600x600x600h mm
- Max. box weight: 30kg/66lbs
- Max. pallet height: 1800-2400-3000mm
- Options available:
 - Automatic system for layer pads picking and placing
 - Automatic system for empty pallets picking
 - Insertion of catenaries or roller conveyors for empty or full pallets



*Proven products
and applications ...*



... and more!


PROCESS INTEGRATION
INTEGRATORS AND MANUFACTURERS OF AUTOMATED SYSTEMS

**501B E Pine St
Delmar, MD 21875**

Tel: (800) 800-4336

Fax: (410) 896-3934

www.ProcessIntegrationInc.com