



PACKAGING SYSTEMS
International Incorporated

FEATURES OF THE PSI AUTOMATIC PALLETIZER

- Motor driven layer squaring side plates and back plate for better control of the positioning of the squaring plates for automatic adjustments
- 14 HP SEW Eurodrive motor and gearbox on the elevator lift
- Variable speed controller for the elevator lift motor to control the speed and provide for a smooth start and stop
- Thin profile load plates for a shorter drop of the bag layer
- Motor driven load plates with variable speed controller for faster and smoother operation
- Heavy-Rail Bearings on Load Plates and Pusher (no linear bearings or shafts)
- HTD Belts in lieu of chains on the load plate drive to eliminate grease and oil and quiet the travel of the plates
- HTD Belts in lieu of chains on the layer pusher drive to eliminate grease and oil and quiet the travel of the pusher
- Variable speed controller for the layer pusher motor to control the speed and provide for a smooth start and stop
- Variable speed controller for the bag turning conveyor motor to control the speed
- Variable speed controller for the layer forming conveyor motor to control the speed
- Variable speed controller for the elevator conveyor motor to control the speed and provide for a smooth start and stop
- All wiring consists of quick disconnect cabling to point I/O junction boxes that reside on a Common Industrial Protocol (CIP) Ethernet network.
- Encoder positioning for critical adjustments ie pusher extend points