

MZPA Conveyors

Motorized Zero Pressure Accumulation

Control Features:

- **Allen Bradley Micro PLC controlled system**
- **Pre-programmed and factory tested prior to shipment**
- **Expandable**
 - Additional conveyors and devices can be added
 - Free Software
 - Unit programmable using Rockwell Automation's Connected Components Workbench software
 - Downloadable directly from Allen Bradley Web site
- **Customer access to software and processor allows for future system change flexibility without expensive service call.**
 - Easy to program
- **Standard USB programming connectivity**
- **Standard Modbus communication**
- **Optional Ethernet capability allows for communications with other systems**
- **Plug and Play cabling configuration**
 - Reduces installation time and maintenance
- **No proprietary components**
 - Commercially available off the shelf components
 - Parts and service available globally from any Allen Bradley distributor
- **24V DC control voltage**



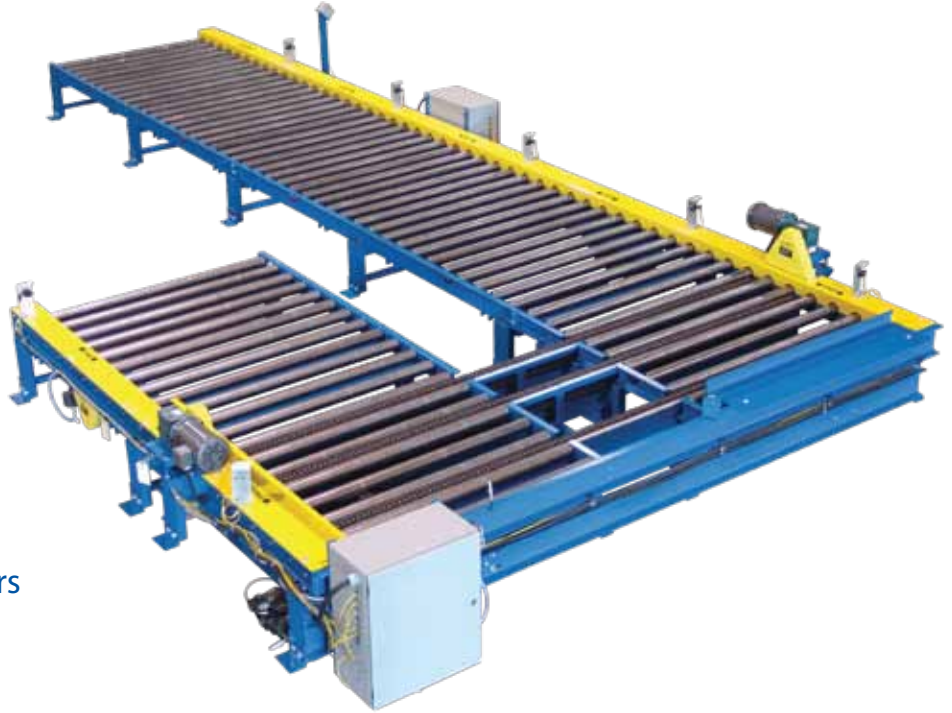
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Individually Motor Driven Zero Pressure Accumulation (MZPA) Controls are available on all Alba conveyors. Each accumulation zone is individually motor driven. The system includes all the controls and devices pre-mounted, wired and programmed for basic Plug and Play zero pressure indexing accumulation of product.

Benefits:

- Utilized in a wide range of applications
- Increased reliability and performance
- Low cost of ownership
- Reduced installation time
- **No pneumatic clutches or associated components**
 - Easy to understand and less required maintenance
- **Flexibility**
 - Control a wide range of conveyors
 - Chain Driven Live Roller, Drag Chain, 90° Chain Transfer and Turntable Units
 - Applications can include operator work stations, load / unload zones and integration with other equipment
 - Lower conveyor elevations possible compared to traditional clutch style accumulation systems
- **No continuous running motors, zone motors only operate when movement of product is required**
 - Energy efficient
 - Quiet operation
 - Less wear on mechanical components
- **Photo-eyes used to sense product location**
 - Free of mechanical devices to sense product location
 - No sensor rollers or pneumatic valves



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