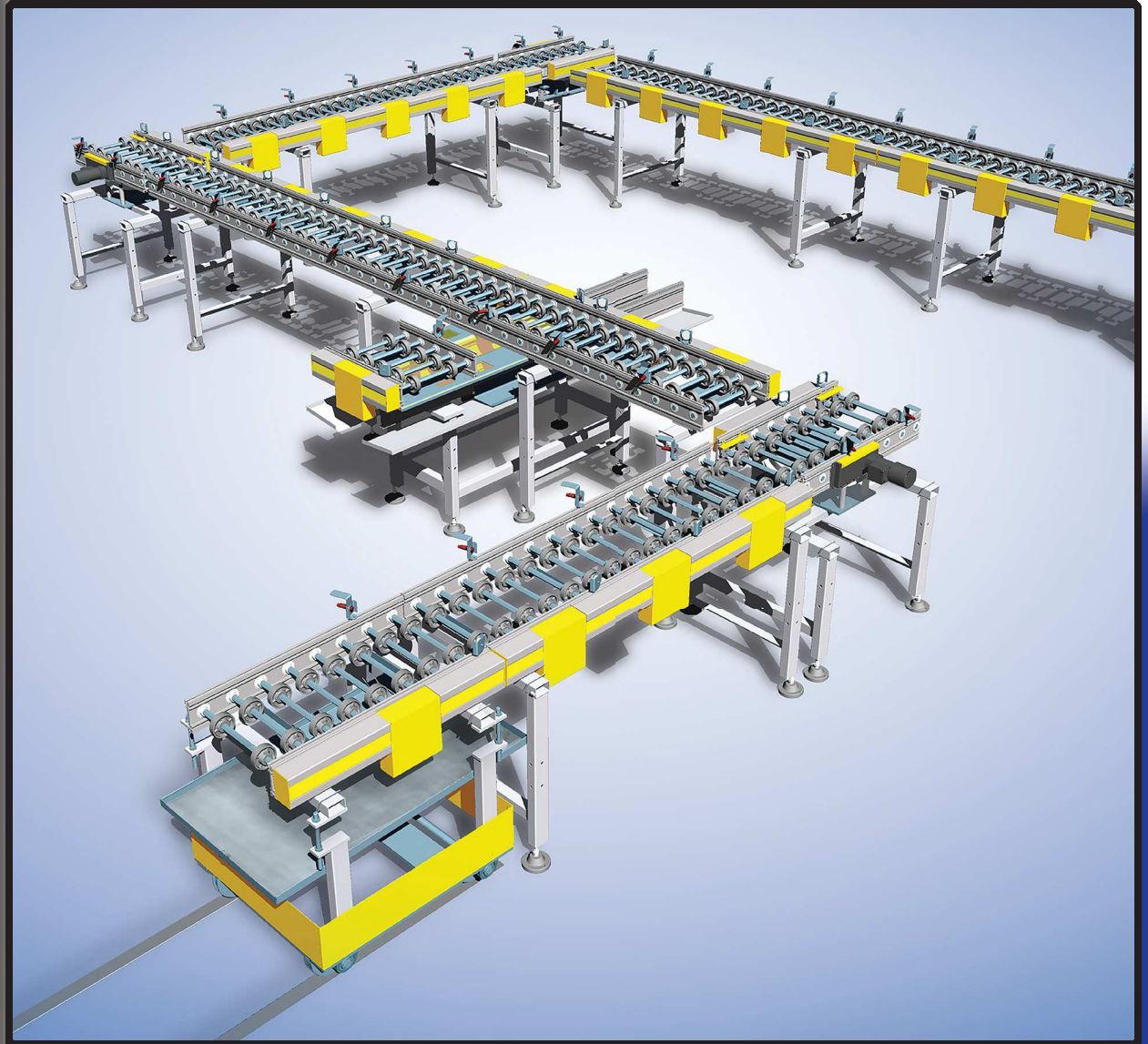


PZR CONVEYOR

POWERED ZONE ROLLER



Automation & Modular Components, Inc.

POWERED ZONE ROLLER CONVEYOR

Powered Zone Roller Conveyor (PZR) is a modular handling solution that allows parts to accumulate without contacting one another. Standard PZR conveyors are arranged in a series of "zones." Each zone is driven by a bi-directional motor. Parts are driven out of a zone only when the next zone is vacant, so parts can accumulate without the need for pallets.

Flexibility of application distinguishes Powered Zone Roller systems from conventional floor conveyors. PZR conveyors come in standard lengths, allowing a floor layout to be assembled more quickly. Application engineers can place PZR modules into layouts without lengthening and shortening every unit, as is required with most conveyor solutions. The PZR conveyor's tread and drive concepts are inherited by other members of the PZR family (turntables, shuttles, rail-guided vehicles.)

This commonality of design simplifies planning and reduces the number of unique spare parts that must be stocked.

Handling Applications

- Non-Palletized Parts
- Parts on Pallets
- Automotive Parts (i.e. Cylinder Blocks, Cylinder Heads)
- Aerospace Components
- Crates, Boxes, etc.

Roller Styles

- Steel
- Steel (Clear Zinc)
- Steel (Chrome)
- Friction
- Plastic

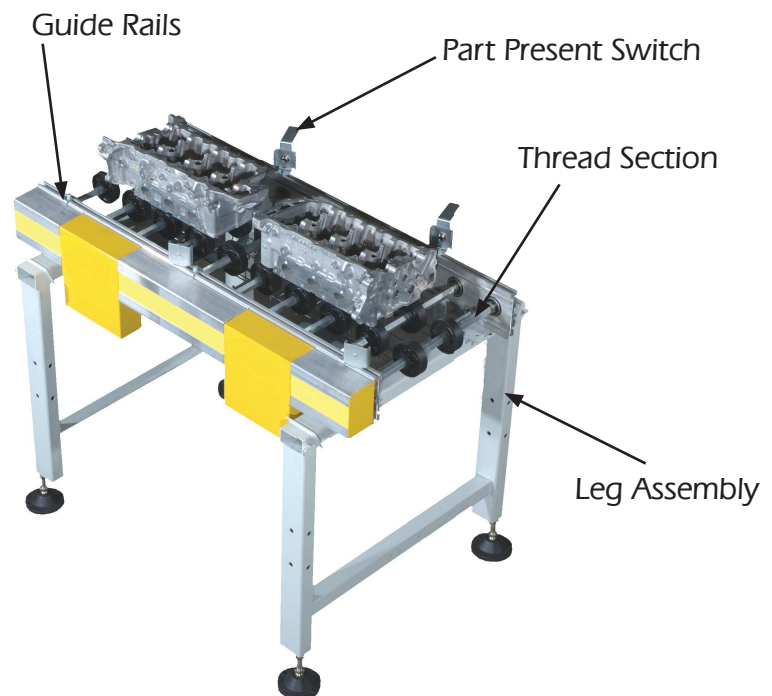
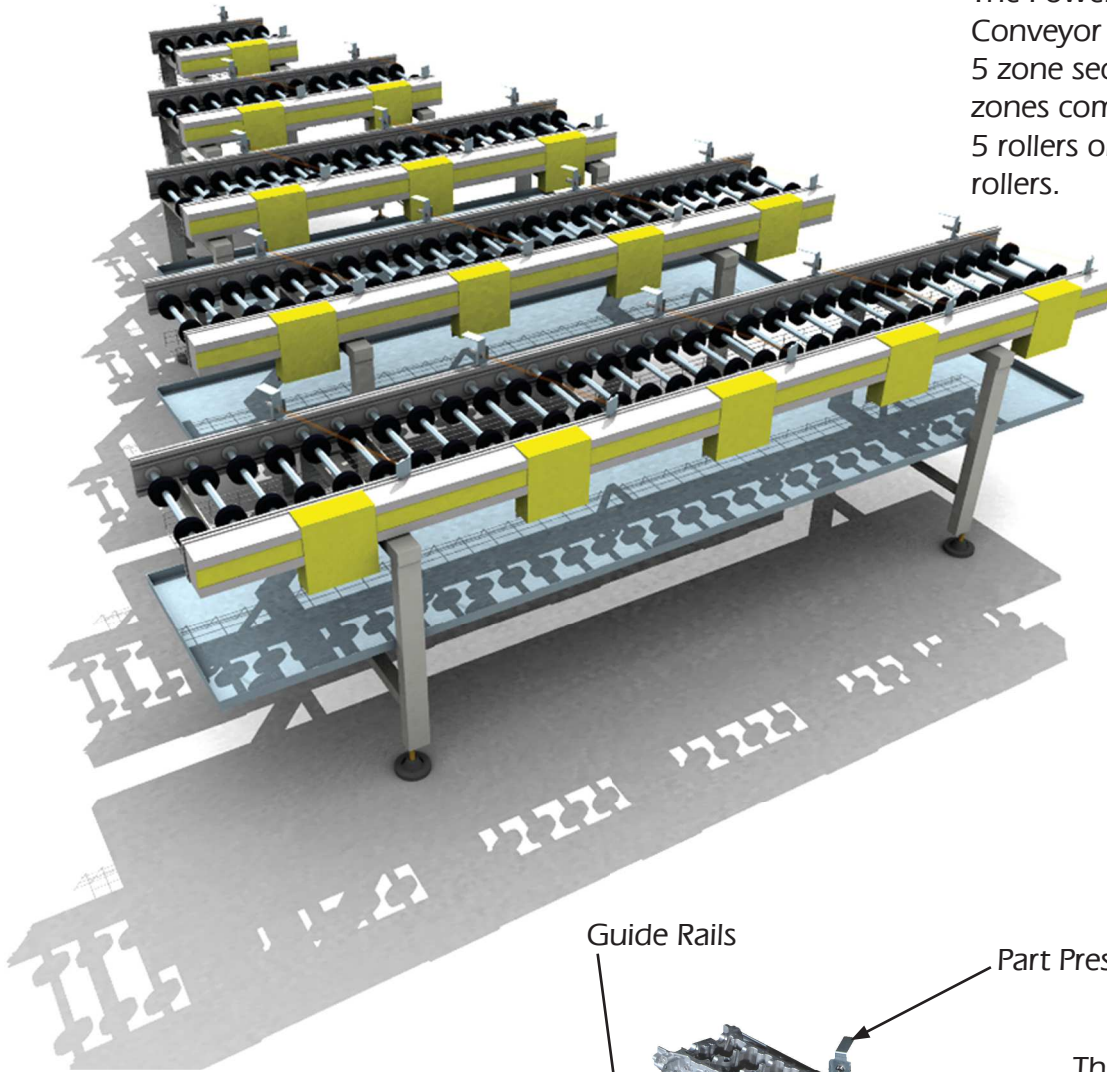


No Pallet Required

MEDIUM DUTY				HEAVY DUTY				
ZONES ALLOWED	ZONE LENGTH	PART LENGTH	MAX. WEIGHT	ZONES ALLOWED	ZONE LENGTH	CENTER RAIL	PART LENGTH	MAX. WEIGHT
1-5	25"	3-18"W x 15-20"L	350LBS	1-3	50"	No	3-21"W x 20-44"L	700LBS
1-5	30"	3-18"W x 15-25"L	350LBS	1-3	50"	YES	3-21"W x 20-44"L	1000LBS

POWERED ZONE ROLLER CONVEYOR

The Powered Zone Roller Conveyor is available in 1 to 5 zone sections. Standard size zones come in 25 inches with 5 rollers or 30 inches with 6 rollers.



POWERED ZONE ROLLER CONVEYOR

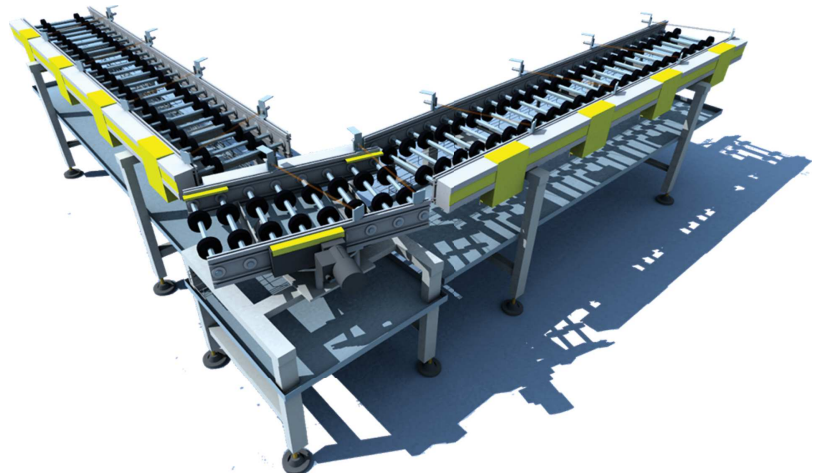
PZR Standard Rotate

The standard PZR Rotate allows you to change the direction of product flow by 90°. (180° and 270° available)

Its integrated tread section is made up of the same subcomponents as a standard PZR Conveyor, which reduces the number of unique spare parts that need to be stocked.

Common Uses:

- Divert Pallet Flow
- Reject Parts
- Make Turns and Corners
- Change Part Orientation



PZR Shuttle - Lane Blending & Inspection

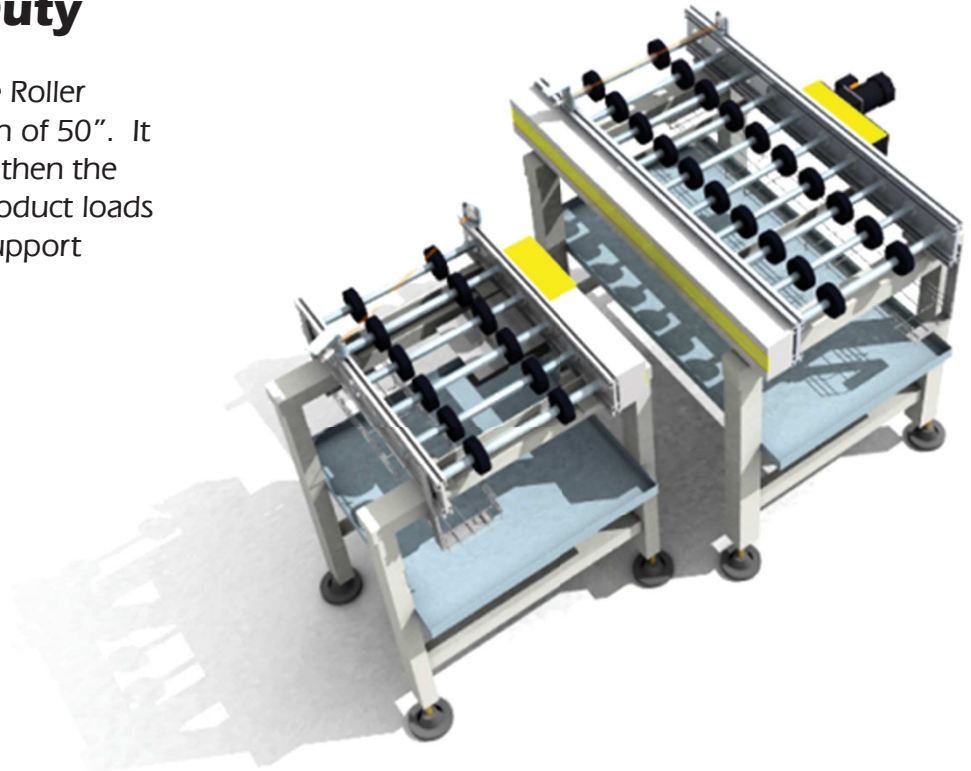
Powered Zone Roller Shuttle technology was designed to serve as an inspection station for quality control. It can be used for a variety of other applications as well. For instance, a PZR Shuttle can be used to consolidate two conveyor lines into one line or vice versa.

The shuttle can dynamically reposition its two PZR tread sections to direct parts into alternative destination lanes.

POWERED ZONE ROLLER CONVEYOR

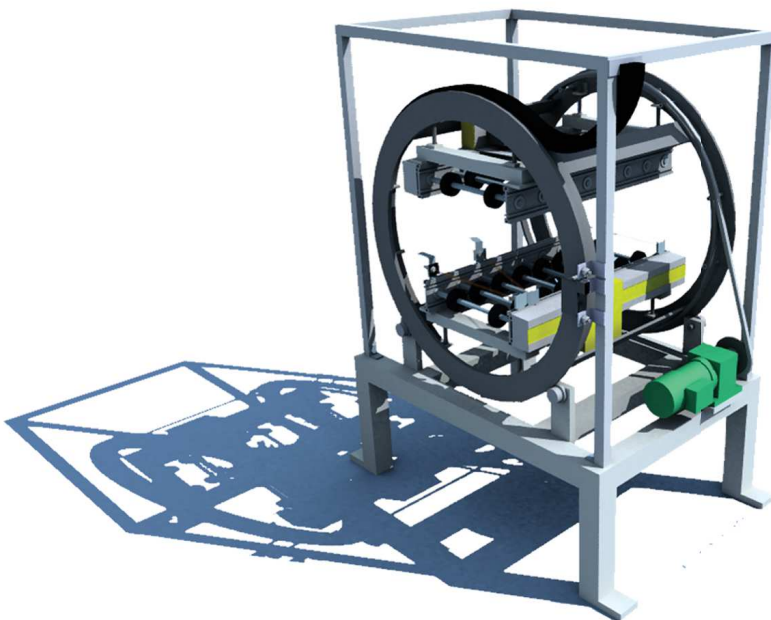
PZR HD - Heavy Duty

The Heavy Duty Powered Zone Roller Conveyor has a standard length of 50". It is used for larger, heavier parts than the standard PZR. It can handle product loads up to 1,000 Lbs. with center support bearings.



PZR Roll Over

- Part Inversion for Inspection, Testing, Assembly, and Washing
- Manual or Powered
- Accumulating Friction Rollers to Eliminate Product Marking
- Washer Applications



POWERED ZONE ROLLER CONVEYOR

PZR Overhead Guided Vehicle (OGV)



The Overhead Guided Vehicle (OGV) transfers parts across maintenance and pedestrian aisles. Light curtains allow traffic to continue without shutting down the system.

PZR Rail Guided Vehicle - Aisle Crossings



Rail Guided Vehicles (RGV) are a flexible and economical solution for transferring parts across pedestrian and maintenance aisles. A VFD variable speed gear motor powers the cart movement along the track. Tracks can be purchased to span most aisles.

An optional overhead wireway assembly can be purchased to guide cabling around the RGV and aisle.

POWERED ZONE ROLLER CONVEYOR



**Reversing
Inspection
Stations**



**PZR
Modules**

BENEFITS OF

PZR CONVEYOR

- Unlimited accumulation without shock-absorbing escapements or stops.
- Parts/Pallets do not touch during accumulation which means fewer pinch points and finger traps.
- Operates only when part/pallet is present which reduces environmental noise, conserves energy, and decreases power consumption.
- Handles non-palletized parts, parts on pallets, automotive parts (cylinder blocks, cylinder heads), aerospace components, crates, boxes, etc.
- 115V motor on tread section connects via standard 5-pin socket/cable and has sealed gear head. Requires no lubrication.
- Aluminum extruded side rails, aluminum chain guard, zinc-plated metal components, scratch-resistant powder coated leg.
- Common components throughout PZR family.

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OF INDUSTRIAL AUTOMATION SOLUTIONS, DRIVEN BY A COMMITMENT
TO FAITH, INTEGRITY, AND CUSTOMER FOCUSED VALUE.**



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