

PZR Conveyor Automation

- Unlimited accumulation without shock-absorbing escapements or stops
- Parts/Pallets do not touch during accumulation—fewer pinch points or finger traps
- PZR operates only when part/pallet is present—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.
- 115 volt motor on tread section connects via standard 5-pin socket/cable and has sealed gearhead—requires no lubrication (is “lubed for life”)
- 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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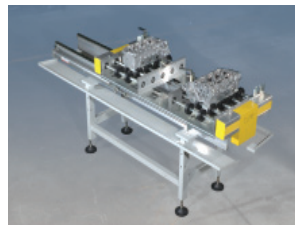
PZR Product Family



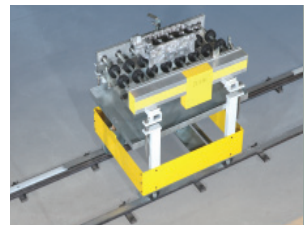
Conveyor Module



Pneumatic Turntable



Pneumatic Shuttle

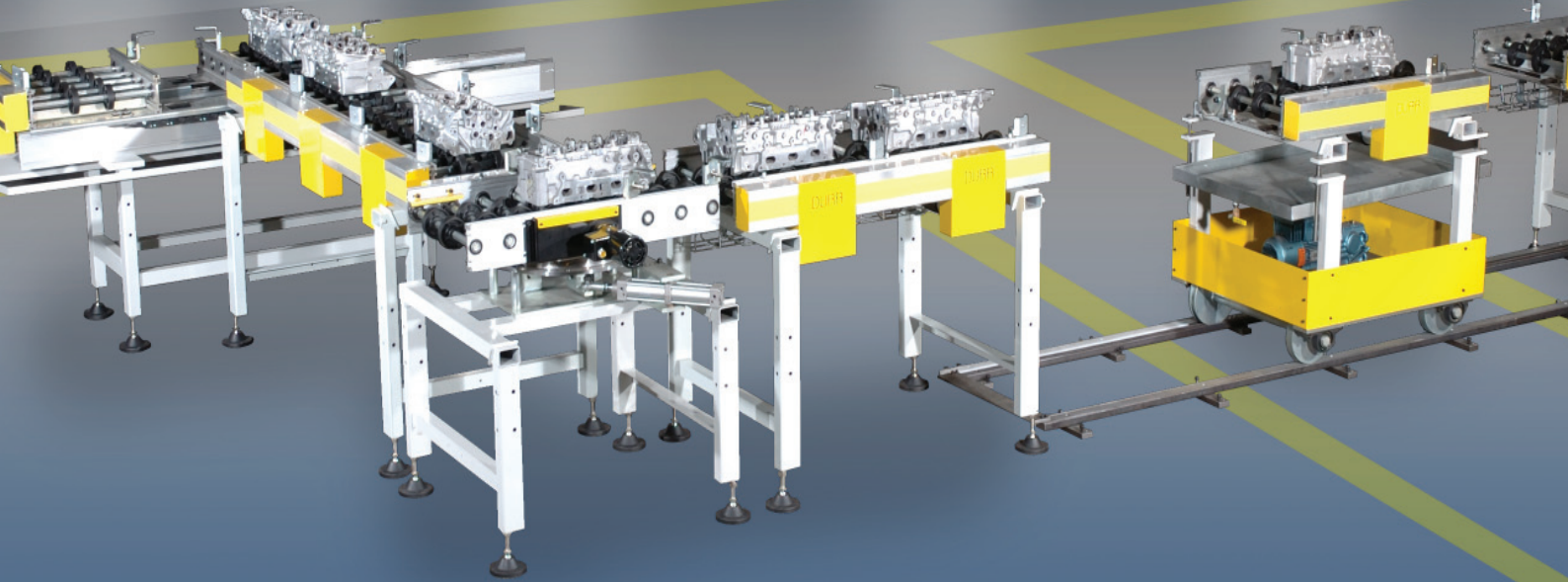


Rail Guided Vehicle



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PZR Conveyor Automation

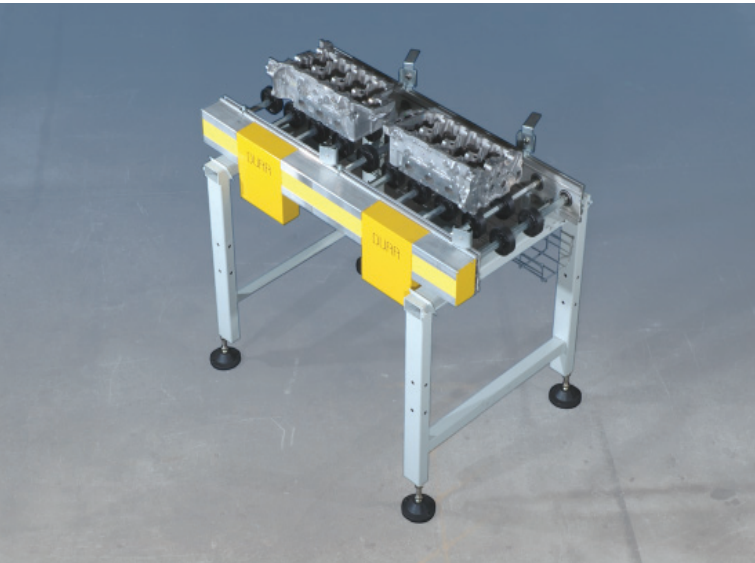


Ecoclean PZR



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In-line process



PZR Conveyor requires no pallet (2-zone module)

PZR Conveyor

Powered Zone Roller Conveyor (PZR) allows parts to accumulate without contacting one another. PZR can be purchased as a single zone conveyor, or in multi-zone modules having between two- and five-zones each. PZR's modular design simplifies layout planning and system integration.

Unlike traditional conveyors which run continuously, each PZR zone operates only when a part enters or exits its zone. Reduced operating time results in less wear and tear, lower environmental noise, and reduced power consumption. PZR also eliminates numerous pinch points and finger traps found on part-to-part accumulating systems. 


Turns, corners



PZR Pneumatic Turntable executes 90-degree turns

PZR Turntable


Powered Zone Roller Turntables are used to change the direction of product flow within your system. The standard pneumatic turntable executes 90-degree turns.

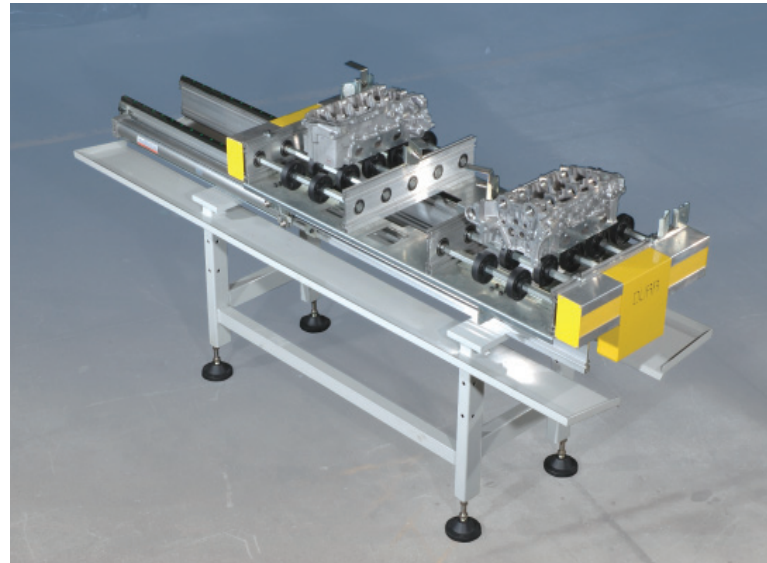
PZR Turntable's integrated tread section is made up of the same subcomponents as a standard PZR Conveyor, which reduces the number of unique spare parts that must be stocked. 

Lane blending, inspection

PZR Shuttle

Powered Zone Roller Shuttle technology was designed to serve as an inspection station for QC (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. 




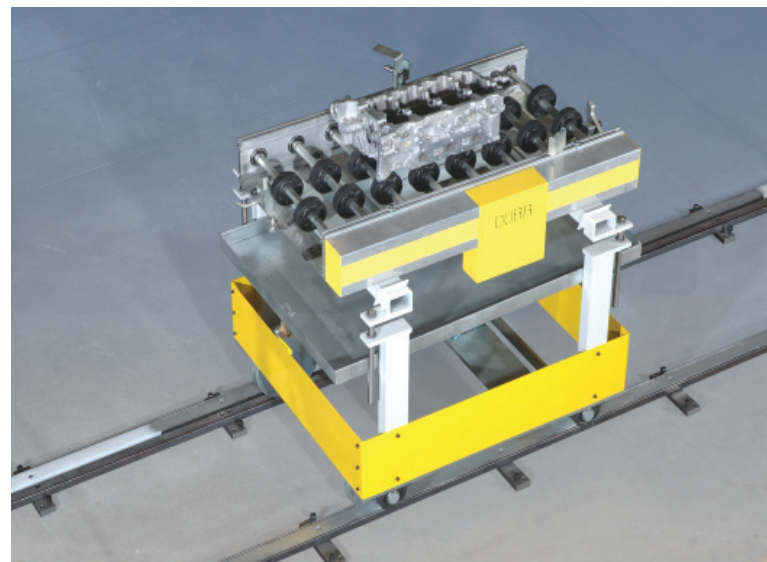
PZR Pneumatic Shuttle diverts parallel part flow

Aisle crossings

PZR Rail Guided Vehicle (RGV)

RGVs 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. 



RGV carries parts across an aisle