

APPLICATION SOLUTION: Tire Diverting & Sorting



Product Family: Pneumatic
Product Used: MXP63P Rodless Band
Cylinder with Profiled Rail Bearing
Product Type: Standard



Application Description:

Diverting and sorting various size auto and truck tires during manufacturing.

Challenge:

A tire manufacturer had used pneumatic units from three competitors, each failed because of carrier moment loading issues. This resulted in unscheduled downtime, overtime expense, and re-work. The units were not durable enough to withstand the 24/7 application demands of diverting and sorting various size tires (including large truck tires.)

Tolomatic Solution:

The MXP63P rodless band cylinder with profiled rail bearing proved to be a robust solution and provided more machine flexibility for various tire sizes. Tolomatic profiled rail rodless band cylinders have been in continuous operation for several years without any issues.

Customer Benefit:

- Eliminated costs of unscheduled downtime, overtime, and re-work
- Significantly reduced electric utility costs and increased efficiency
- Improved machine flexibility to handle a variety of tire sizes without manual changeover