

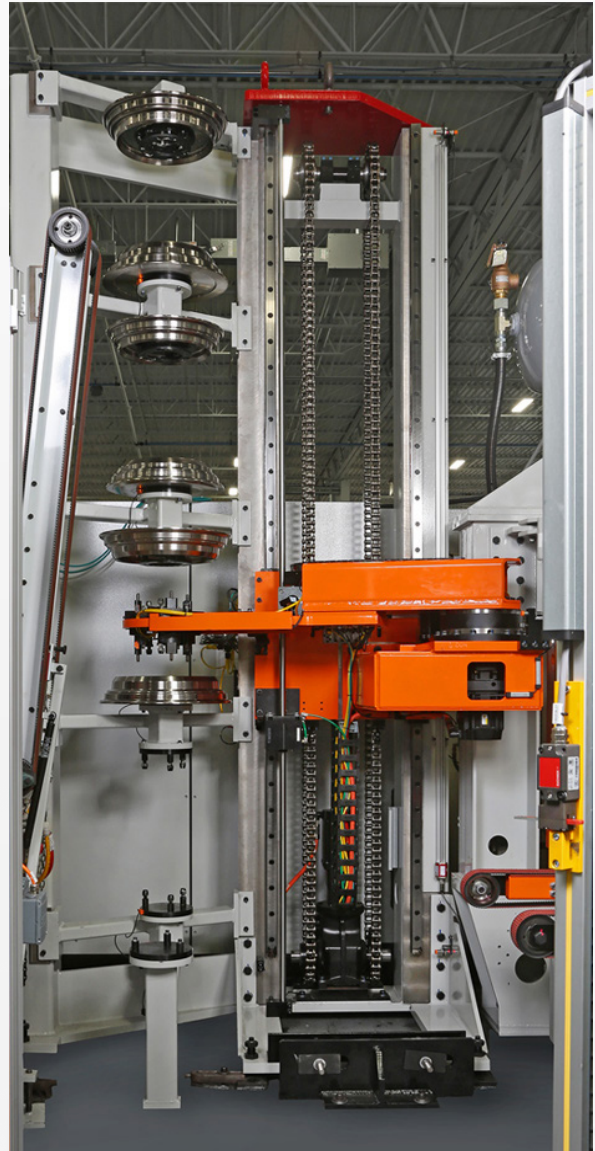


## ASTECC<sup>®</sup> FX Automatic Rim Changer

The ASTEC<sup>®</sup> FX Automatic Rim Changer (ARC) is specifically designed for use with the ASTEC<sup>®</sup> FX Tire Uniformity System. The ARC performs tooling changes quickly and efficiently, without physical lifting or operator intervention. The ARC is capable of both automatic tooling changes, driven by information from the ASTEC<sup>®</sup> FX, and operator-assisted tooling changes managed through the ASTEC<sup>®</sup> FX operator's pendant.

### Key Features and Benefits:

- **No Lifting Required by Personnel:**  
A crucial safety feature for many tire manufacturers. The ARC prevents potential damage to tooling sets and injuries to operators.
- **Quick and Efficient:** Cycle time and manufacturing flexibility are critical issues for tire manufacturers. The ARC is the correct equipment to use with ASTEC<sup>®</sup> FX for minimizing downtime when a tooling change is required.
- **Easy to Install, Use, and Maintain:**  
The ASTEC<sup>®</sup> FX human-machine interface (HMI) displays all functions during the rim change process and simplifies operator management of any tooling changing process.





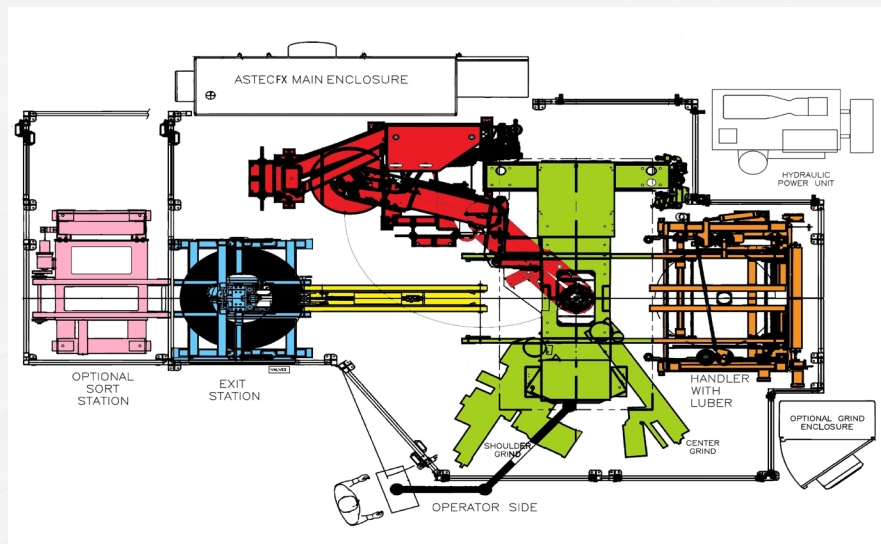
## ASTEC<sup>®</sup> FX Automatic Rim Changer

### Key Functions

ASTEC<sup>®</sup> FX ARC performs both full automatic tooling change and operator managed tooling change. All tooling change management is viewed on the ASTEC<sup>®</sup> FX operator's pendant. Automatic operation begins by system command based on the tire code identified by the ASTEC<sup>®</sup> FX.

### Key Components

- Servo vertical and rotational axis
- Precision upper and lower rim lock
- Optimized robotic rim transfer paths
- Simplified operator displays on ASTEC<sup>®</sup> FX operator interface
- ARC frame and alignment fixture
- Controls use ASTEC<sup>®</sup> FX PLC
- Separate ARC electrical cabinet not required
- On ITMS or MTMS FX, synchronization with AkroDYNE<sup>®</sup> FX ARC for efficiency



With more than 105 years of innovation behind us,  
we continue pushing leading-edge tire measurement systems forward.  
Micro-Poise<sup>®</sup>. Better by every measure.

ASTEC FX ARC: 12/2023

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