



ASTEC[®] FX

Uniformity Force Measurement for PCR and LTR Tires

- Best Cycle Time and Throughput in the Industry
- Best Measurement Repeatability and Accuracy in the Industry
- Optional Tire Shoulder and Center Grinder Integrations
- Footprint to Replace Older D70 Series Machines or for New Production
- Improved Diagnostics
- Improved HMI Screen Navigation
- Optional TGIS FS Geometry with RadViewer advanced software packages
 - Flexible Scan - fill track and mono track
 - Decoration and Lettering Removal (DLR)
 - Image Storage
- Optional Automatic Rim Change (ARC)
- Mark, Sort, and Balancer Integrations as part of Integrated Tire Measurement System (ITMS)
- Allen-Bradley and Siemens Platform



ASTEC[®] FX



ASTEC[®] FX ARC

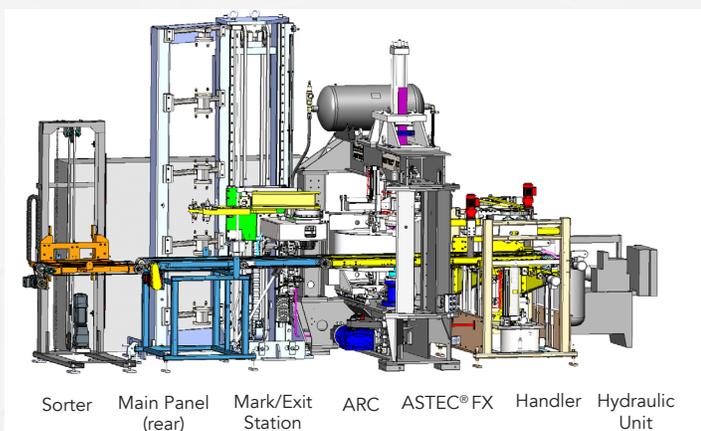


ASTEC[®] FX Automatic Rim Change

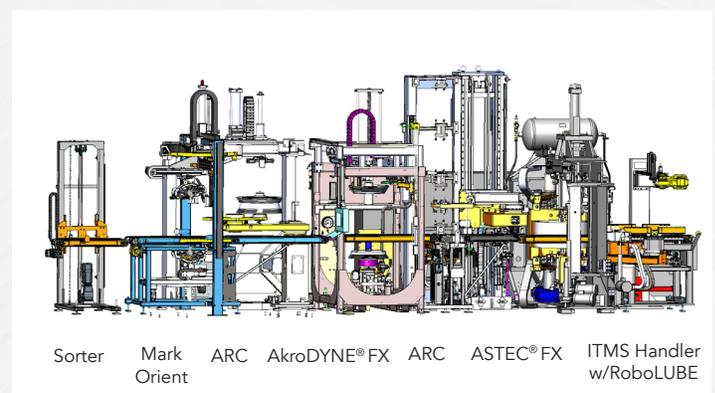
The ASTEC[®] FX Automatic Rim Change (ARC) is specifically designed for use with the ASTEC[®] FX Tire Uniformity System. The ARC performs tooling changes in a quick and efficient manner, without physical lifting or operator intervention. The ARC is capable of both automatic tooling changes, driven by information from the ASTEC[®] FX, and operator assisted tooling changes, managed through the ASTEC[®] FX operator's pendant.

Key Features and Benefits:

- Micro-Poise[®] recommends ARC to prevent injuries to operators from lifting heavy tooling or potential damage to tooling sets from improper handling.
- Cycle time and manufacturing flexibility are key issues for tire manufacturers. The ARC is an efficient tool to use with ASTEC[®] FX to minimize down time when a tooling change is required, enabling tire manufacturers to minimize machine output.
- Easy to install, use and maintain.
- Servo axis for storage and transfer mechanisms. The storage system allows the ASTEC[®] FX to store three rims in the storage rack while an additional rim is being utilized by the test station, enabling the machine to have four unique sets of up to two-step rims.
- Transfer unit designed to handle and enable safe and quick tooling change on ASTEC[®] FX. The transfer unit maneuvers the tooling between the test system and storage system over an optimized transfer path.
- On ITMS, synchronization with AkroDYNE[®] FX ARC for efficiency.



Typical Layout of ASTEC[®] FX with ARC



ASTEC[®] FX Layout as part of Integrated Tire Measurement System (ITMS)

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

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