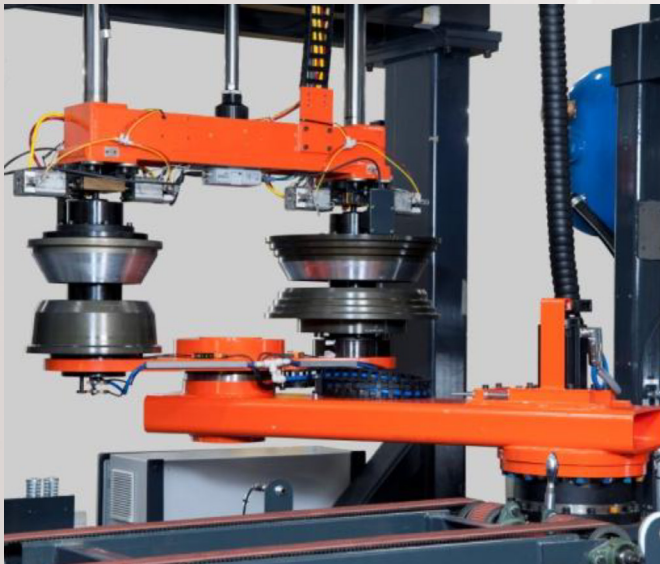


AkroDYNE[®] Automatic Rim Changer

The AkroDYNE[®] Automatic Rim Changer (ARC) is specifically designed for use with the AkroDYNE[®] Dynamic Balance 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 AkroDYNE[®], and operator assisted tooling changes, managed through the AkroDYNE[®] operator's pendant.

Key Features and Benefits:

- **No Lifting Required by personnel.** This is a key safety feature for many tire manufacturers. This also prevents potential damage to tooling sets.
- **Quick and Efficient.** Cycle time and manufacturing flexibility are key issues for tire manufacturers. The ARC is the correct equipment to use with AkroDYNE[®] for minimizing down time when a tooling change is required.
- **Easy to Install, Use and Maintain.** The ARC is provided with onscreen operations, simplifying operator and technician management of any tooling changing process. The AkroDYNE[®] human machine interface (HMI) displays all functions during the ARC process.



AkroDYNE® Automatic Rim Changer

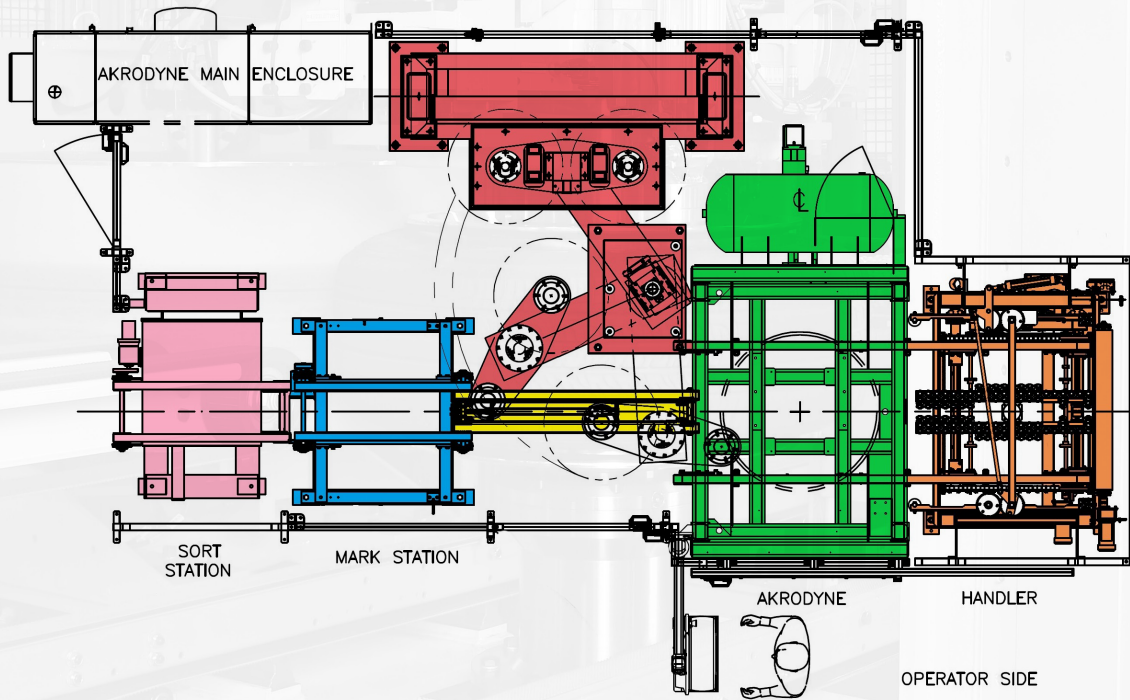
Key Functions

AkroDYNE® ARC performs both full automatic tooling change and operator managed tooling change. All tooling change management is viewed on the AkroDYNE® operator's pendant.

Automatic operation begins by system command based on the tire code identified by the AkroDYNE®.

Key Components

- **Storage System.** The storage system has two positions with the automatic tooling changer and the transfer unit where the new tooling pivots in and old tooling pivots out.
- The system allows automatic change of three unique sets of up to three-step rims.
- **Transfer Unit.** Designed to handle and enable safe and quick tooling change on AkroDYNE®.
- The transfer unit maneuvers the tooling between the test system and storage system.



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MP Korea
Tel: +82-31-888-5259
Fax: +82-31-888-5228

MP China
Tel: +86-20-8384-0122
Fax: +86-20-8384-0123

MP India
Tel: +91-22-6196-8241
Fax: +91-22-2836-3613