

Bead Apexing Lines for TBR/MRT tires 17.5" - 24.5"

Fully Automatic Bead Apexing Lines 17,5" - 24,5" for TBR tires

This latest generation Bead Filler Line 17,5" - 24,5" was designed and built by INTEREUROPEAN based on the many years of production experience in different tire factories and with different rubber compounds.

The main strong points of this line are:

- Fully automated operation with KUKA/FANUC robots for beads and separator rings handling
- Duplex 90+90 mm Cold Feed Extruder with increased output for producing wider profiles
- Constant speed extruder operation for getting constant apex profile
- Special design Air-Cooling System with automatically adjustable pre-set temperature
- High capacity free loop with optional automatic cutting to length station for slabs
- Beads feeding directly from an integrated bead winding line, or from bead trucks with automatic carousel type feeder
- Fully synchronized robust automatic apex splicing system
- Adjustable splicing fingers for maximum splice quality and uniformity
- Automatic rubber side strip application from bobbin or by using a Triplex Extruder
- Automatic Fabric Flipper application and turn-up
- Optional online Apex height and splice quality control systems with statistics data processing
- Latest generation Allen Bradley/Siemens PLC based control system with optional remote access for troubleshooting and level 2 factory control system integration
- Automated size change based on the recipe settings
- High reliability and constant quality of application

Overall dimensions: 25 m x 9.5 m

Cycle time: 15 sec./bead

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Apex and Flipper Application Station with KUKA/FANUC Robots



Duplex/Triplex Cold Feed Extruders, Air Cooling System, Strip Preassembling