EXTRUDED TEXTILE CAP STRIP SYSTEM

Fast • Flexible • Efficient • Automated • Traceable

Born from our world class extruded steel belt production system, the Steelastic Cap Strip System is designed to streamline your manufacturing process. It’s time to rethink the standard, multi-process, high labor, high scrap approach to producing cap strip material. The single, flexible cell eliminates labor and material handling while improving the dimensional characteristics and quality of your tires.

- Greenfield applications and factory expansions
- For PCR, TBR, Aircraft and Motorcycle applications
- For polyester, nylon, fiberglass, aramid, steel, and other cord materials
- Single system capacity of 400,000m to 1,000,000m per day
- Advantages over traditional methods:
  - Eliminates plastic liner contamination
  - Precise strip gauge and width
  - Accurate cord placement
  - Eliminates cut or crossed cords
  - Results in fully encapsulated cords, no exposure to the environment
- Minimizes capital investment without sacrificing productivity or quality
- Eliminates work in process materials and handling
- Single operator per system
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CUSTOMIZATIONS & OPTIONS

- Broken cord detection systems
- Screen changer systems
- Strip gauge and width inspection systems
- Customized wind-up systems
- Automation enhancements
- Data acquisition systems
- Cord tension control systems from creel through process

SPECIFICATIONS

Number of Strips: Available in 8, 12, 16 or 20 windup stations
Line Speed: Up to 40m/min (131ft/min)
Strip Width: 6mm to 25mm
Extruder Size: 3.5 inch (90mm) or 4.5 inch (120mm) smooth barrel (sized for application)
Cord Diameter: 0.25mm - 1.27mm [0.010” - 0.050”]
Extruded Strip Gage: 0.5mm - 1.5mm [0.020” - 0.059”]
Die Head Width: Available in 6” (150mm), 8” (203mm) or 10” (254mm) width. Selection based on size and number of strips to be produced

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