

# Think Small.

Tire manufacturers are building smaller more flexible plants. Our "Think Small" R&D program is developing tire component machines to lead the way:

- Faster.
- More flexible.
- More efficient.
- Highly automated.
- Smaller footprint.

Steelastic is enabling modern tire makers to "go small."

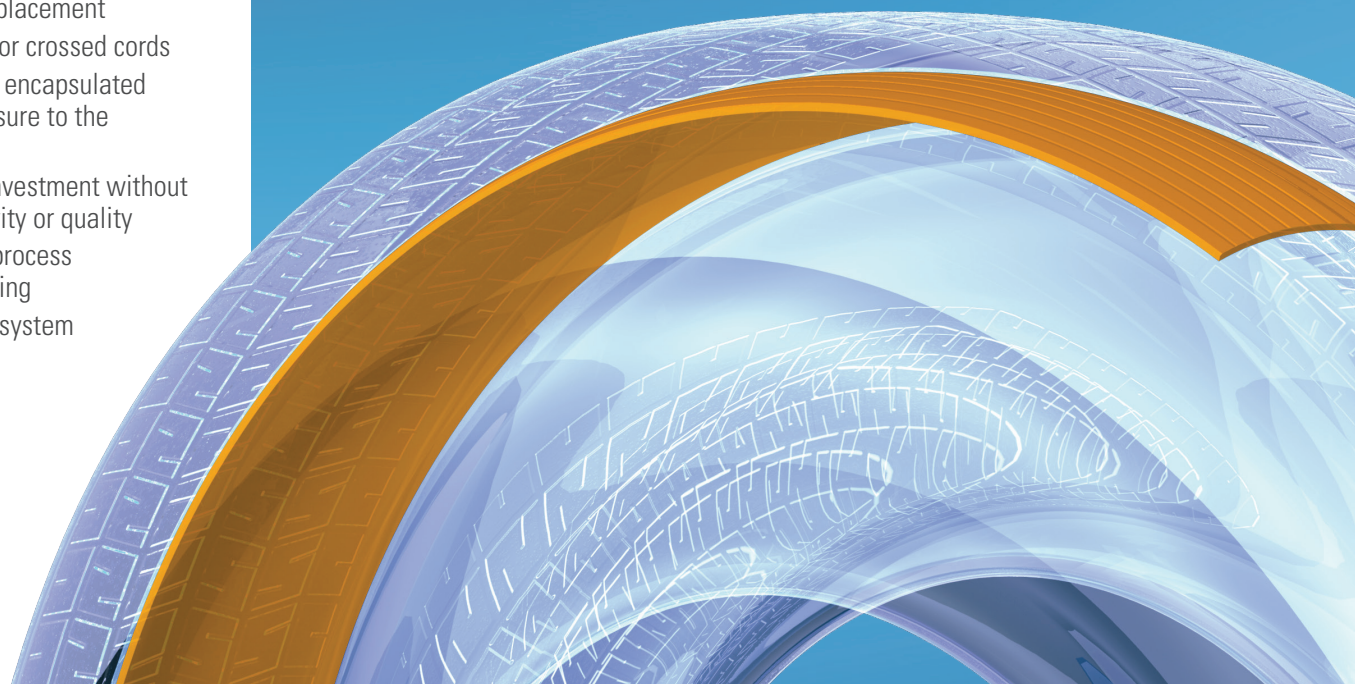
Born from our world class extruded steel belt production system, the Steelastic Cap Strip System is designed to streamline your manufacturing process. It's time to rethink the standard, multi-process, high labor, high scrap approach to producing cap strip material. The single, flexible cell eliminates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

**STEELASTIC®**

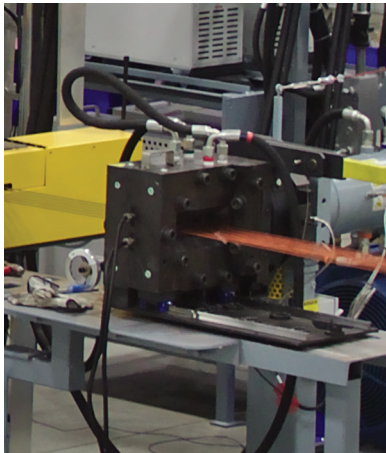
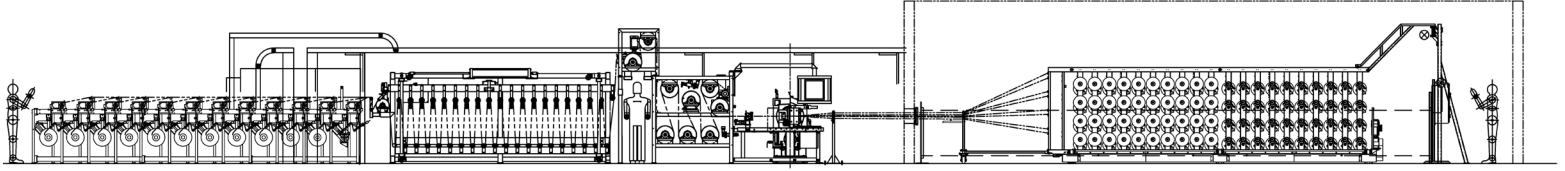
## EXTRUDED TEXTILE CAP STRIP SYSTEM

**Fast • Flexible • Efficient • Automated • Traceable**



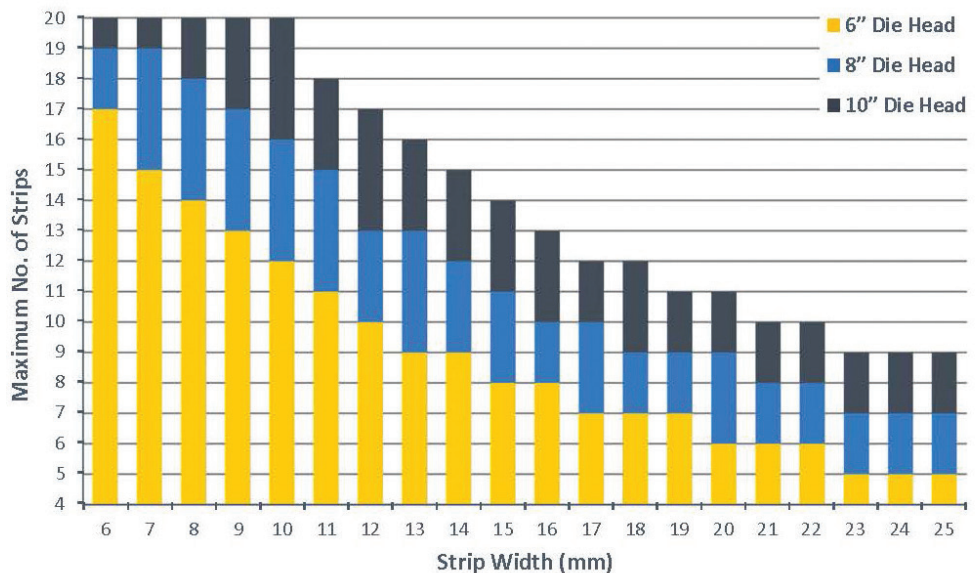


# EXTRUDED TEXTILE CAP STRIP SYSTEM



## SPECIFICATIONS

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



## 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