

## NEW IN 2018

A changing set of market requirements and a focused R&D program has led us to develop faster, more nimble, more efficient, and highly automated tire component preparation machinery for the modern tire manufacturer.

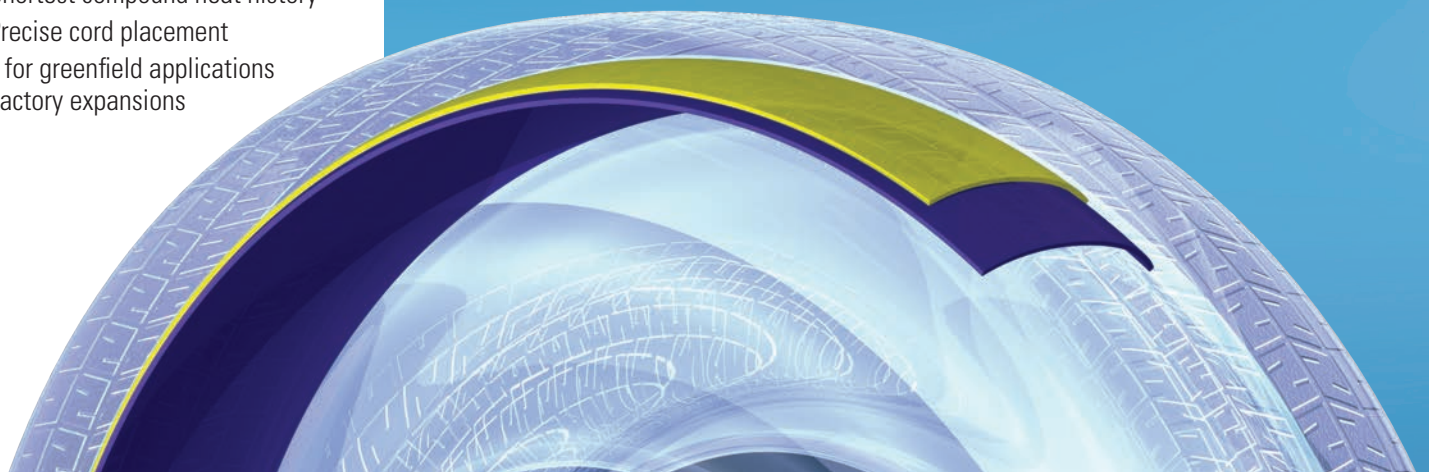
The latest Steelastic extruded belt systems make it possible to produce passenger, OTR, and specialty tires without calendaring. Closed-loop automation minimizes operator involvement through the use of the very latest measurement technologies and closed-loop control. 3D cameras and laser inspection automatically locate and rapidly correct imperfections. The result is a reliable, quality-spliced product backed by empirical data. Changeovers take minutes versus the extended outages required with calendaring equipment.

- Well-suited to modern PCR, TBR, OTR, and motorcycle applications
- Minimizes capital investment with high productivity and quality
- Ultra-fast changeover with automatic knife angle adjustment
- Single operator operation
- Reduced footprint with fixed parallel flow design
- Closed-loop automation locates and corrects imperfections - fast
- Capacity: up to 8,000 tires per day
- Processes steel cord with no possibility of crossed wires
  - Superior quality: precise width, gauge, and edge straightness
  - Laser precision splice and belt angle
  - Shortest compound heat history
  - Precise cord placement
- Ideal for greenfield applications and factory expansions

**STEEELASTIC®**  
TECHNOLOGY FOR THE TIRE INDUSTRY

# EXTRUDED STEEL BELT SYSTEM

Fast • Flexible • Efficient • Automated • Traceable



# EXTRUDED STEEL BELT SYSTEM



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## SPECIFICATIONS

<b>Typical System Footprint:</b>	4 m x 28 m [13' x 90'] (versus legacy 12.7 m x 28 m [42' x 90'])
<b>Wire Diameter:</b>	0.25mm - 1.83mm [0.010" - 0.072"]
<b>Extruded Strip Gauge:</b>	0.5mm - 2.0mm [0.020" - 0.079"]
<b>Extruded Strip Width:</b>	200mm [8.0"] or 250mm [10.0"]
<b>Belt Angle Range:</b>	18° - 23° (200mm [8.0"] strip) 23° - 90° (250mm [10.0"] strip)
<b>Belt Width Range:</b>	100mm - 500mm [4.0" - 20.0"]
<b>Cutting Rate (max.):</b>	40/minute
<b>Extruder Size:</b>	90mm [3.5"], 120mm [4.5"], or 150mm [6.0"] smooth barrel (Extruder size depends on strip width, belt gauge, and overall production needs)

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## CUSTOMIZATION & OPTIONS

- Creel systems
- Creel loading systems
- Screen changer systems
- Feed conveyors and metal detectors
- Strip gage inspection systems
- Accumulators
- Slitter systems
- Hot and cold gum edging systems
- Wind-up systems
- Data acquisition systems
- Upgrade your legacy Steelastic system

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Global Patent Applications Pending