

# 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.

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

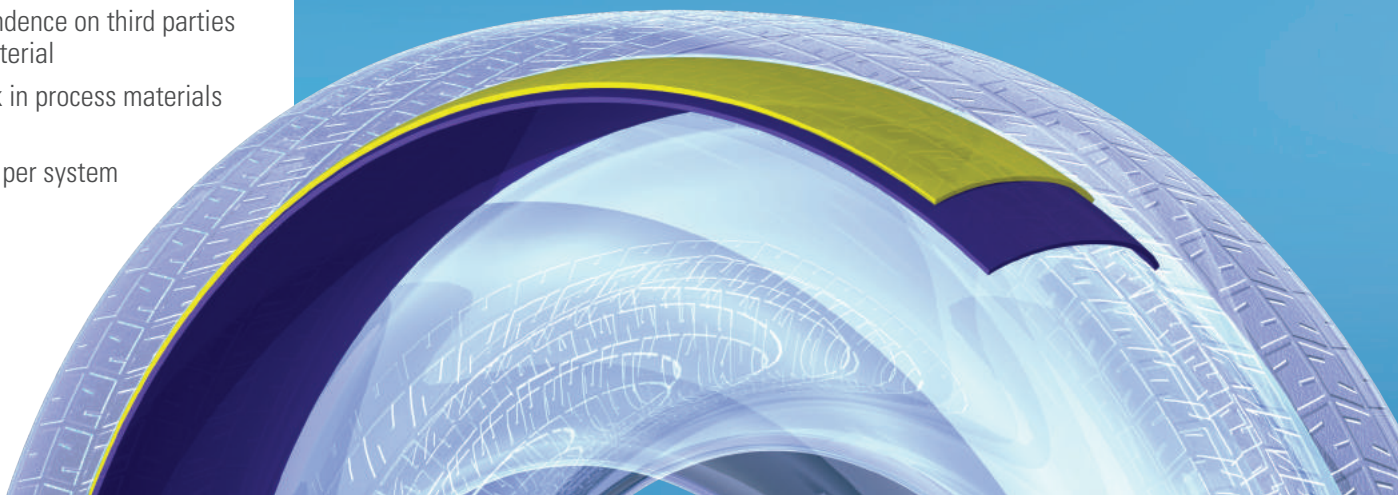
The Steelastec Company is the pioneer of flexible, versatile tire and track component systems. The OTR Extruded Steel Belt system is designed to produce premium quality belt material maximizing product efficiency, and your investment. We remain committed to delivering the best quality machinery to meet your most demanding production and quality requirements.

- Superior tire uniformity
- Ideal for Greenfield applications and factory expansions
- Well suited for OTR, OHT, TRACK and other wide belt applications
- Processes steel, nylon, polyester, fiberglass, aramid
- Superior quality advantages over alternate methods:
  - Precise belt width, gauge and edge straightness
  - Highly accurate splice and belt angle
  - Shortest compound heat history
  - Precise cord placement with NO possibility of crossed wires
- Minimizes capital investment without sacrificing productivity or quality
- Eliminate dependence on third parties for calender material
- Eliminates work in process materials and handling
- Single operator per system

**STEELASTIC®**

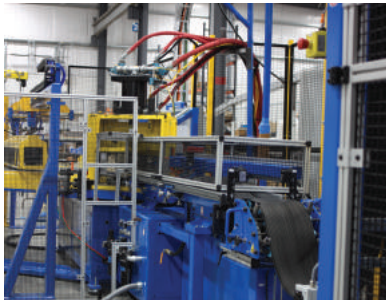
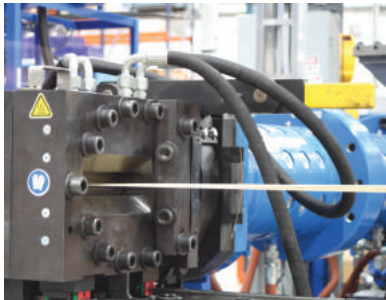
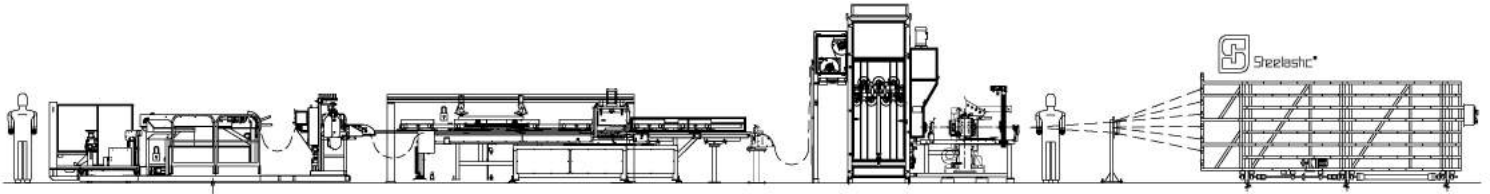
## OTR EXTRUDED STEEL BELT SYSTEM

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





# OTR EXTRUDED STEEL BELT SYSTEM



## SPECIFICATIONS

<b>Wire Diameter:</b>	0.5mm - 2.0mm [0.020" - 0.079"]
<b>Extruded Strip Gauge:</b>	0.75mm - 3.0mm [0.030" - 0.118"] (schedule a consultation for wire/strip sizes outside of these ranges)
<b>Extruded Strip Width:</b>	6" (152.4mm) / 8" (203.2mm) / 10" (254mm)
<b>Angle Range:</b>	18° - 90°
<b>Belt Width:</b>	100mm - 1270mm [4.0" - 50.0"] (Custom OTR applications designed up to 92 inch (2336.8mm))
<b>Cutting Rate (max.):</b>	20/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)

## CUSTOMIZATION & OPTIONS

- Creel Systems
- Creel loading systems
- Screen changer systems
- Feed conveyors and metal detectors
- Extrudate and belt inspection systems
- Accumulators
- Stitching Systems
- Slitter systems
- Hot and Cold gum edge systems
- Wind-up systems
- Automation enhancements
- Data acquisition systems

Method and apparatus covered under U.S. Patent #7,497,241  
Other U.S. and foreign patents pending