

Extruded Textile Cap Strip System

Small Investments. Big Paybacks.

Steelastic continues pushing tire component manufacturing technology forward! Our wide range of machinery options enables your current in-service equipment to keep pace with the advancing demands of quick turn, small scale manufacturing cells.

- **Improve Automation:** Cut labor costs.
- **Speed Changeovers:** Add manufacturing flexibility.
- **Improve Quality:** Document accuracy for OEMs during the build process.
- **Cut Costs:** Increased quality reduces scrap-out costs to save you money.
- **Build Productivity:** Run faster with less downtime.

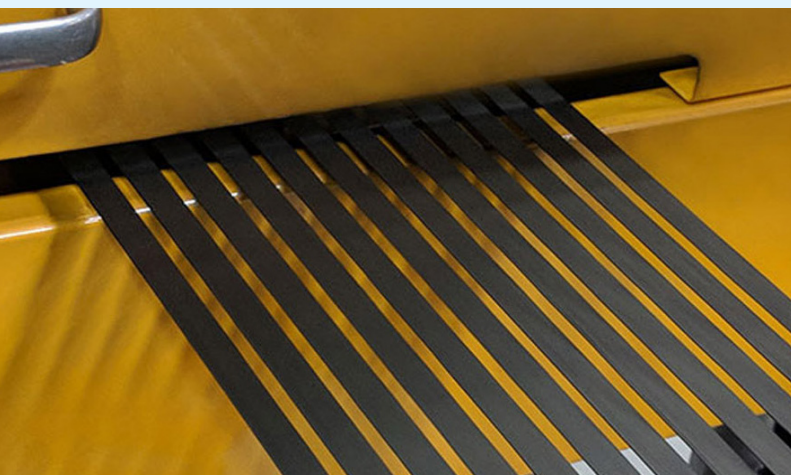


Streamline your manufacturing process with a single, flexible cell that eliminates labor and material handling, while improving dimensional characteristics and quality of your tires.

With Steelastic's extruded textile cap strip system, you can rethink the traditional multi-process, high-labor, high-scrap approach to producing cap strip material.

Born from our world-class extruded steel belt production system, the Steelastic cap strip system can streamline your manufacturing process. Now you can minimize capital investment without sacrificing productivity or quality.

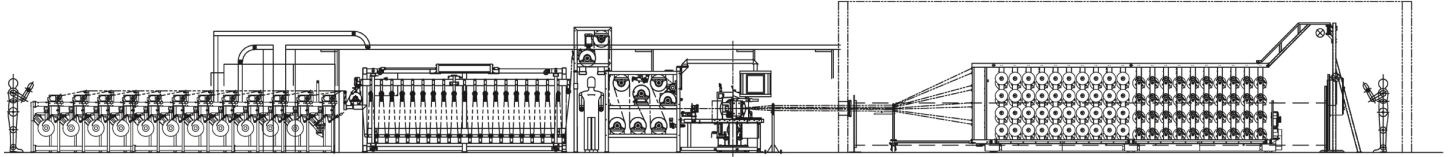
- Ideal for greenfield applications and factory expansions
- PCR, TBR, aircraft and motorcycle applications
- Compatible with polyester, nylon, fiberglass, aramid, steel and other cord materials
- Single-system capacity of 400,000 meters to 1 million meters per day



Extruded Textile Cap Strip System

Advantages over traditional methods

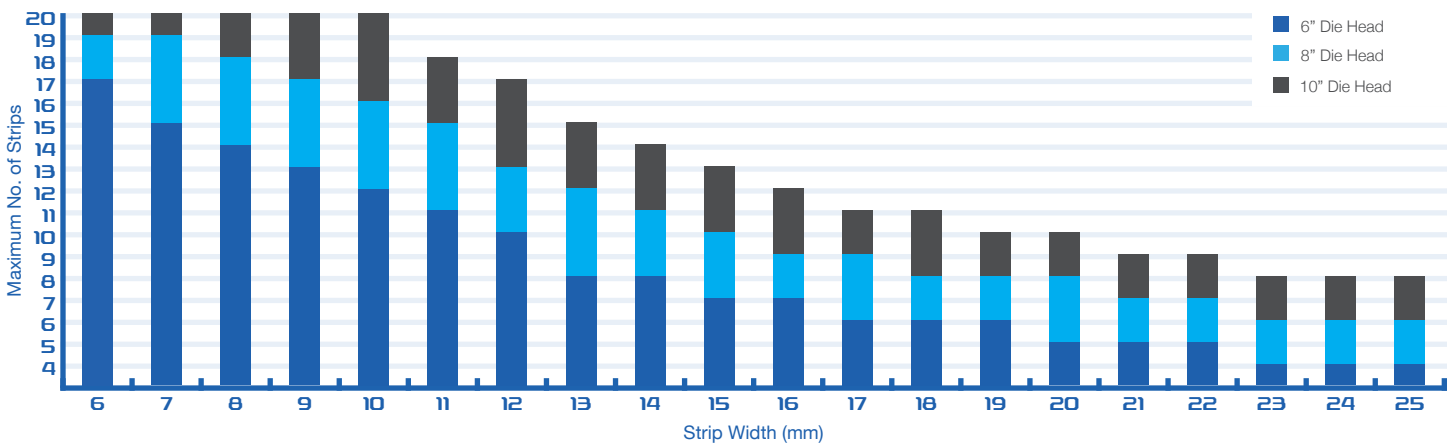
- Eliminates plastic liner contamination
- Ensures precise strip gauge and width
- Accurately places cord
- Eliminates cut or crossed cords
- Fully encapsulates cords
- Significantly reduces capital investment compared to calendering and slitting process
- Eliminates work-in-process materials and handling
- Requires only one operator per cap strip system



Specifications

Number of Strips:	Available in 8, 12, 16 or 20 wind-up stations
Line Speed:	Up to 40m/min (131ft/min)
Strip Width:	6mm to 25mm
Extruder Size:	3.5" (90mm) or 4.5" (120mm) smooth barrel (sized for application)
Cord Diameter:	0.25mm - 1.27mm [0.010" - 0.050"]
Extruded Strip Gauge:	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.

(*Extruder size depends on strip width, ply gauge and overall production needs.)



Customization and Options

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

(*Global Patent Applications Pending)