Upgrades and Retrofits

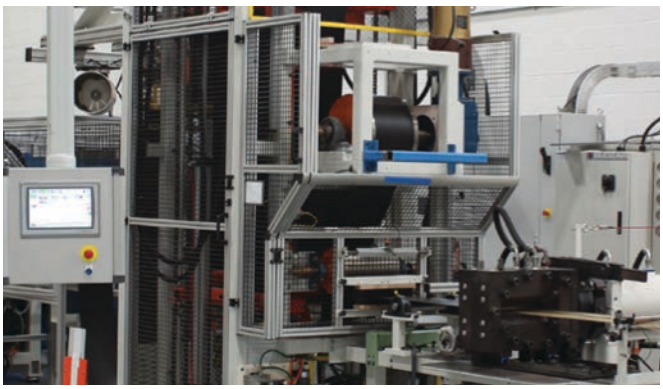
Small Investments. Big Paybacks.

Aftermarket upgrades, retrofits and rebuilds extend the lifespan of in-service tire component equipment, providing a big payoff with a small investment. These options enhance machine flexibility, automation, traceability and efficiency.

- **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.

Steelastic Strip Gauge Monitoring System

A single-point laser measurement system offers continuous, self-calibrating inspection of material gauge. An audible and visual alarm sounds if product is out of specification. Available in pneumatic or servo-controlled positioning, the monitoring system integrates with your existing equipment.



Steelastic Cooling Drum Accumulator

The cooling drum accumulator improves efficiency and reduces downtime by allowing spool or tool changes without pausing the extruder. A direct replacement for our standard drum, the cooling drum accumulator stays running while you complete operations downstream.

Upgrades and Retrofits

Automatic Belt Width Adjustment Tooling

A direct upgrade for your existing standard vacuum foot top plate, this automatic belt width adjustment tooling limits vacuum loss and maintains high holding force near the cut edge, allowing for belt-width changes in just five seconds.

Steelastic Pressure Follower Controller

A digital upgrade to our pressure follower controller system, this touchscreen unit uses PLC technology to control extruder screw speed in order to maintain pressure with a PID control loop. The pressure follower controller interfaces with existing PLC controls and features an auto tune optimization for minimizing pressure deviation and instant auto mode to free operators from manually controlling extruder speed when building pressure.

360-Degree Bead Apex Inspection System

Adapting to any existing system, the 360-Degree Bead Apex Inspection System uses dual-sided laser vision technology to identify and log apexed beads in real time, preventing them from reaching the tire building process. Free operators from visual inspections while maintaining 100% product inspection. Use inline or standalone to detect dogears, foreign objects, bead overlaps, splice bulges, heavy stitches and more.

Customized Solutions

With so many variables affecting the lifecycle of your systems, determining the best enhancements to productivity and efficiency can be a lot of work. Steelastic offers customized solutions to your specific needs, whether you're looking for a retrofit for a single module or a full system rebuild. We conduct line audits to root out inefficiencies and identify improvements for output, recommending enhancements as applicable. Contact us for a consultation.

STEELASTIC®
TIRE TECHNOLOGY MOVING YOU FORWARD

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