

Zagis Benefits from High Performance from Blowroom to Ring Spinning



Zagis, a spinning mill in Mexico, boosted productivity and yarn quality by installing a complete Rieter ring spinning system with automation and digital monitoring. The fully integrated setup now delivers consistent premium yarns with less manual effort and low conversion costs.

The Challenge

Zagis set out to boost competitiveness in a demanding market where yarns of multiple blends of natural and man-made fibers must meet high downstream expectations. The mill faced the classic balancing act: increase productivity without compromising quality, improve consistency despite fluctuating raw-material conditions, reduce manual interventions and interruptions, and gain transparency over the spinning process. To stay ahead locally and in export markets, the customer needed a reliable, fully integrated system that would deliver stable performance day after day.

The Solution

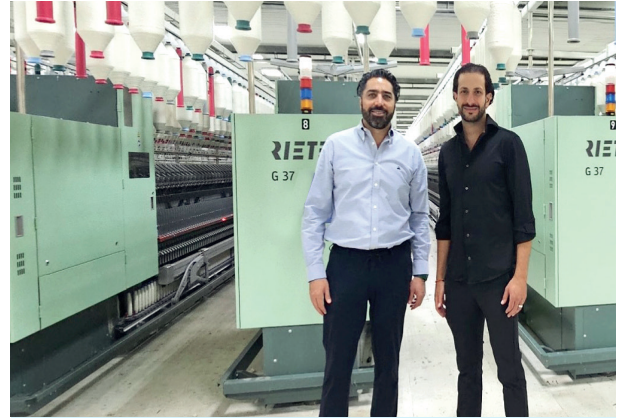
Zagis invested in a complete Rieter ring spinning system, starting with the blowroom line VARIOline for gentle, efficient fiber opening and the card C 80 for high-performance sliver production. The OMEGAlap E 36 and the comber E 90 deliver outstanding combed sliver quality – supported by ROBOlap, which handles lap changes and batt piecing tirelessly and flawlessly. After combing, the autoleveler draw frame RSB-D 26 with two independent machine sides secures precise sliver evenness. The roving frame F 40 combined with the roving bobbin transport system SERVOrail ensures smooth and reliable roving transport. Finally, the ring spinning machine with semi-electronic system transforms the roving into high-quality yarns with excellent strength and evenness. Throughout the mill, ESSENTIALmonitor provides real-time visibility, enabling operators and managers to make smarter, faster decisions.



Complete Rieter ring spinning system for high performance

The Customer's Benefits

Zagis achieves a significant boost in productivity across all process steps while maintaining consistently high yarn quality for both carded and combed yarn. Automation systems such as ROBOlap and SERVOTrail reduce manual effort and minimized downtime, contributing to a more efficient, operator-friendly environment. Yarn sellers and downstream customers particularly appreciate the improved yarn evenness, which strengthens the mill's position in local and export markets. With digital insights from ESSENTIALmonitor and reliable performance from every machine, the customer now enjoys a long-term competitive advantage.



The Customer's Statement

"Investing in the complete Rieter system was a strategic decision that has strengthened our competitiveness in Mexico and our export markets. The improvements in productivity, yarn quality, and operational transparency directly support our long term growth goals. Rieter is a partner that enables us to perform at a higher level and prepare our business for the future."

Rafael Zaga Saba

CEO of Zagis SA de CV.

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Chief Operating Officer at Zagis SA de CV.

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