

HANDCRAFTED IN FORT WORTH, TEXAS SINCE 1958, KISABETH CREATES LONG LASTING FURNISHINGS AND MILLWORK KNOWN FOR THEIR SUPERIOR QUALITY.

ABOUT KISABETH FURNITURE. For over half a century Kisabeth Furniture has maintained a reputation for crafting durable, beautiful furnishings by hand. Each piece is made start to finish in Fort Worth, Texas by a dedicated and experienced team. All products are made in one location, through traditional methods, allowing them to achieve a high level of customization and personalized experience for their clientele. Engineered for everyday use, they are not only an expression of personal style, but an investment as an heirloom product and a sustainable solution to minimizing use of natural resources and environmental impact. A high level of wood framing supports the ability to reupholster furnishings for generations and eliminates negative environmental impacts compared to typical disposable furnishings.

THE CHALLENGE. Kisabeth has a long history of exceeding customer expectations on their journey for continuous improvement. As a leader in its industry, Kisabeth also values its unique ability to preserve and protect the planet's resources while producing heirloom furnishings. Kisabeth was interested in learning more about how applying Lean manufacturing principles could improve its ability to deliver its custom furnishings and millwork to its customers. Kisabeth contacted Lynn Tomaszewski with TMAC, part of the MEP National Network™, to schedule a site visit to walk the production floor and discuss opportunities for improvement.

MEP CENTER'S ROLE. TMAC began by working with a core team of department supervisors on the principles of lean manufacturing including identification of value and non-value-added activities. The team identified the importance of maintaining its high level of craftsmanship in building its products and was interested in improving its efficiencies to get projects completed for its customers. The training by TMAC helped the Kisabeth team to see its activities from a different perspective. Lean efforts stressed the importance of performing tasks to construct and assemble its furnishings and less efforts in walking, moving, adjusting and getting ready to perform an operation. TMAC training also focused on teaching the team how to keep its projects moving throughout its assembly process and eliminate bottlenecks. The Kisabeth team immediately addressed the issues they had discovered and were excited that within one month they were now able to increase its production throughput by more than 40%. The team also identified a bottleneck in their sewing department and were able to determine how to increase their sewing efficiency by installing new motor controls.

"It was really great to have another set of well-trained eyes come into our facility to help us identify these opportunities. We are looking forward to our continued partnership with TMAC and our efforts to make positive changes to advance our ability to meet the needs of our customers."

-Keith Webster, CEO

RESULTS



40% increase in monthly throughput



Increased recycling by **34** tons annually



25,800 kWh electrical compressed air savings



Reduced CO₂e Emissions by **23.5** Metric tons



Each long life Kisabeth sofa reduces landfill impact by **900** pounds

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