URMI GROUP

CUSTOMER STORY

LECTRA®

THE URMI GROUP OPTIMIZES FABRIC CONSUMPTION AND IMPROVES PRODUCTIVITY WITH A CONNECTED CUTTING ROOM

One of Bangladesh's leading ready-made garment manufacturers preserves its commitment to continuous improvement with Modaris, Flex Offer and Vector.

Lectra solutions

MODARIS.

FLEX OFFER
by **LECTRA.**

VECTOR.

Challenge

Urmi Group produces active wear, nightwear and formal wear for some of the world's largest brands. However, the company's manual patternmaking, nesting and cutting processes were making it difficult to keep up with demand.

Solution

To help the Urmi Group overcome productivity, quality and material consumption challenges, Lectra recommended its automated patternmaking (Modaris), nesting (Flex Offer) and fabric cutting (VectorFashion) solutions.

Results

Urmi Group now has a connected cutting room that offers a pioneering combination of patternmaking, marker making and fabric cutting solutions. The combination of these three solutions enables the company to produce at optimal speed, achieve significant material savings, minimize waste, and accelerate delivery times to customers.

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01

A LEADER IN BANGLADESH'S APPAREL MANUFACTURING INDUSTRY

Urmi Group has grown from a family business, established in 1984 with 50 sewing machines, to a four-factory corporate group, employing over 11,000 people and producing 160,000 pieces of clothing daily. It is now **one of the leading ready-made clothing manufacturers in Bangladesh.** In addition to manufacturing, this multi-faceted organization offers textile, printing, embroidery and shipping services to its customers.

160,000
PIECES OF CLOTHING DAILY

Urmi Groups's readiness to adapt to ever-changing market conditions is a draw for customers like Puma, Marks & Spencer, Decathlon, and Uniqlo. Implementation of state-of-the-art technology like RFID tags and others reflect the company's commitment **to increase versatility, improve quality and accelerate delivery.**

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02

LACK OF PRODUCTIVITY, VISIBILITY AND EFFICIENCY WITH A MANUAL PROCESS

As brands push for faster delivery in order to get on-trend clothing to market, **Urmi must increase speed, accuracy and efficiency at every step of the process.** However, the company's previous process made it difficult to keep up with shorter lead times.

Manual patternmaking was slow, time-consuming and required a significant amount of labor to complete. In addition, the marker-making software the company used was slow and inefficient. Visibility was also a concern. Because nesting was dependent on employee skill, it was difficult to monitor consumption and determine whether the most efficient nesting had been used. A manual cutting process made it difficult to achieve the level of productivity necessary to keep up with deadlines. In addition, quality became a concern when it came to cutting knit fabrics by hand.

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03

INNOVATION AND EXPERTISE: THE FOUNDATIONS OF A STRONG RELATIONSHIP

Lectra suggested its automated patternmaking, nesting and fabric cutting solutions—Modaris, Flex Offer and VectorFashion respectively.

Modaris, Lectra's fashion-specific CAD software suite, has all the tools needed for making, **grading and preparing a pattern for production.**

Flex Offer, a cloud-based, automated nesting solution enables manufacturers to reduce fabric expenses with **powerful automatic cloud processing** for increased precision in material consumption.

Finally, VectorFashion, Lectra's Industry-4.0 compliant, **automated fabric cutting solution,** provides the accuracy and speed necessary to improve productivity and quality.

"Urmi Group and Lectra have built a strong relationship over the past 15 years. Our confidence in Lectra is based on Lectra's commitment to continuous innovation. The strength of this relationship and experience with Lectra's solutions are the reasons that Urmi Group's management team turned to Lectra to help them overcome their challenges."

Asif Ashraf,
Managing Director, Urmi Group

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04

FROM PATTERNMAKING TO CUTTING: THE SYNERGIES OF A COMPLETE, AUTOMATED PROCESS

Urmi Group was thrilled with the results attained from using Lectra's solutions.
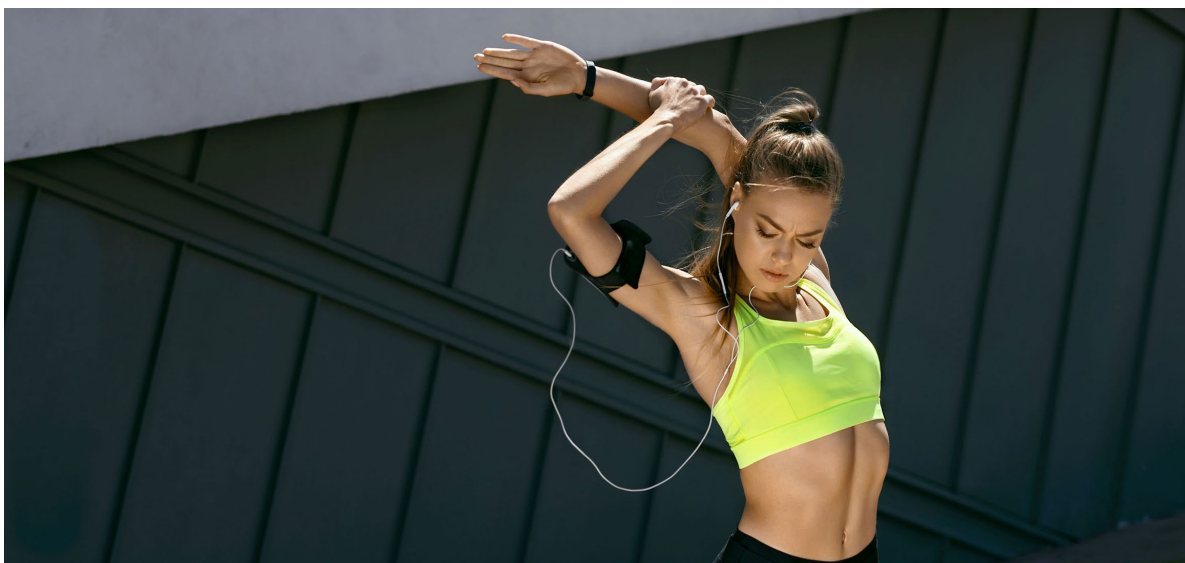
Automating the patternmaking process with Modaris has allowed the Group to **create and perfect patterns with fewer iterations.**

Flex Offer empowers the company to quickly and accurately evaluate their fabric needs and better manage the marker-processing flow. As a result, the management team is now able to **monitor and improve fabric consumption and efficiency.** In addition, an automated nesting process reduces their dependence on the workers' skill level.

Vector's ultra-precise, **high-speed cutting on all types of fabric,** including knits, has allowed Urmi Group to boost both productivity and quality.

The synergy of the three solutions has enabled the company to reduce fabric consumption and increase productivity throughout the production process.

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> *"We also chose Lectra for its extensive support services. The training sessions carried out by Lectra ensured that personnel, from solution operators to top management, received the relevant information. Lectra's expertise and guidance helps us to align and adapt to Industry 4.0 standards at all levels of the organization."*

Asif Ashraf,
Managing Director, Urmi Group

ABOUT
FLEX OFFER
by LECTRA

This cloud-based, automated nesting solution addresses apparel suppliers' unique marker-processing needs for costing, procurement and production. It gives you the flexibility to balance different production cycles, the ability to efficiently manage sudden peaks, and the certainty that you will safeguard your operating margins.

LEARN MORE

ABOUT
VECTOR®

Compliant with Industry 4.0, our best-selling Vector cutting machines can be used for all manufacturing models and fabric types (lace, denim, woven, knit or footwear textiles), to help you produce at optimal speed and efficiency. No matter the production volume, Vector will help you achieve operational excellence and minimize cost per cut part.

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