Vardhman Group Partners with LMW for Technological Enhancements

Vardhman Group Partners with LMW for Technological Enhancements through Smart Card, Breaker Draw Frame, Speed Frame, and Compact Ring Frame Solutions.

In a significant step towards technological enhancement for long term vision, Vardhman Group has partnered with LMW Limited, for a major investment towards 107 units of Card LC361 Series (100 LC 361 S and 7 LC 361), 40 deliveries of Breaker Draw frame LDB 3 (20 nos. Twin Delivery Draw frame), 24 units of Speedframe (LF4280 series) and 70 units of the Smart Compact Ringframe LRJ 9/SX.

LMW's cutting-edge solutions align seamlessly with Vardhman’s Goal, "To make maximum utilisation of resources to innovate, diversify, integrate, and build a dynamic enterprise". LMW's innovative solutions represent a step forward in Vardhman’s journey towards sustainability and green solutions.



LMW's State-of-the-art Machinery Elevates Productivity and Sustainability

With smart range of machinery, Card 107 units, Breaker Draw frame 40 deliveries, 24 units of Speedframe and 70 units of Compact Ringframe, Vardhman has made a commitment to investing in cutting-edge and futuristic technology to boost efficiency, productivity, quality and sustainability. Automation has been identified as a crucial factor in achieving these objectives.

Furthermore, the significance of sustainability is increasing in textile industry. LMW's Smart Machinery emphasizes sustainability by integrating advanced technology with eco-friendly practices. This approach focuses on optimizing resource utilization, reducing waste, and minimizing energy consumption.

LMW is partnering with Vardhman to progress on improving efficiency in running machines on recycled fibres.

Vardhman has been using LMW Smart machinery and successfully processing recycled fibres and producing Ring Spun yarn. The machines are designed to handle fibres for all applications and produce the best quality yarn at highest productivity levels. The VARDHMAN RENOVA recycling plant is equipped with LMW Smart machines, spinning recycled yarns with blends like 30% recycled cotton, 40% recycled polyester, and 30% virgin cotton.

LMW's Sustainable Smart Solutions

LMW’s Sustainable Smart Solutions cater to the textile industry’s growing focus on sustainability and innovation. LMW’s sustainable solutions offer several key benefits:

Energy Efficiency: Vardhman will benefit from reduced energy consumption, leading to lower operational costs and a reduced carbon footprint.

Waste Reduction: Advanced automation and precise control systems ensure optimized raw material use, minimizing fiber waste and improving resource management.

Higher Productivity: Smart technologies enable real-time monitoring and adjustments, ensuring increased output without compromising quality.

Enhanced Sustainability Initiatives: By adopting these solutions, Vardhman strengthens its commitment to eco-friendly manufacturing, aligning with global demand for sustainable textiles.



The Role of Automation in Spinning Success

Automation plays a pivotal role in LMW's approach to spinning innovation. By integrating automated process control that includes material transport between machines and intelligent maintenance systems, LMW's machines significantly reduce the reliance on manual labor, increase production efficiency, and ensure consistent quality. This automation improves operational efficiency and allows labourers to focus on more strategic and value-added tasks, thereby elevating the spinning mill's overall productivity.

As the textile industry continues to evolve, LMW remains at the forefront of innovation, providing smart solutions that empower spinning mills to succeed in a competitive global market. By combining advanced technology with a deep understanding of industry challenges, LMW is not just shaping the future of textile machinery but also paving the way for a more sustainable and efficient process in the textile industry.

LMW's approach to spinning innovation is a testament to its vision of creating machinery that not only meets the demands of today but also anticipates the needs of tomorrow. As spinning mills around the world adopt LMW's Smart Machinery, the industry can look forward to a future where quality, efficiency, and sustainability are no longer trade-offs but complementary goals.