



Powering Progress: LMW Drives Eri Silk Spinning Expansion in North-East India

Eri silk, represents one of India's most eco-conscious and culturally rooted textile traditions. Its production, which allows the silkworm to emerge from the cocoon unharmed, makes it a truly sustainable and ethical fiber. Historically spun on handlooms, Eri silk is now undergoing a remarkable transformation—powered by modern technology and regional collaboration in North-East India.



At the heart of this transformation, LMW's Smart Series Spinning Machinery are helping to scale up Eri silk yarn production across the region.

In a significant step towards strengthening the Eri silk infrastructure, the following pioneering organizations in the North-East have adopted LMW's Smart Series Machinery:

- **Rudrasagar Silk Ltd**
- **Director of Sericulture, Bodoland Territorial Council, Kokrajhar, Assam**
- **North Eastern Handicrafts and Handlooms Development Corporation (NEHDC)**

The Role of LMW

LMW's smart spinning machinery has enabled four pioneering organizations to establish new Eri silk yarn production facilities and expand their products:

- **Rudrasagar Silk Ltd**

Based in Assam, Rudrasagar Silk Ltd is a private-sector enterprise that has been instrumental in pioneering commercial-scale Eri silk spinning. They have adopted LMW's Smart Machinery to expand their spinning operations and enhance production efficiency.

Rudrasagar Silk Limited	
Department	Model
LMW Blow room	LB3/2
	LB5/6
LMW Card	LC300A V4
LMW Draw frame (Finisher)	LDAZ
LMW Speed frame	LF1400 A
LMW Ring frame	LR60A

- **Director of Sericulture, Bodoland Territorial Council, Kokrajhar, Assam**

The Department of Sericulture, BTC is the pioneer in the North East Region for production of Eri Cocoon both Red & White color. Due to day by day increasing production of Eri Cocoons in BTC, The Director of Sericulture, BTC has initiated to establish the Eri Silk Spun Mill to produce the different count of quality yarn and support to the Eri rearers to provide a better marketing system for their livelihood in this region.

Director of Sericulture, Bodoland Territorial Council, Kokrajhar, Assam	
Department	Model
LMW Blow room	LB3/2
	LB5/6
LMW Card	LC361
LMW Draw frame (Finisher)	LDF3S
LMW Speed frame	LF1400 A, LF4280A
LMW Ring frame	LR9A



Hon'ble Governor of Assam & Minister visited Eri Spun Mill in BTC

Respected Member Secretary, Central Silk Board & Director of Sericulture, BTC during visit of Mill

- North Eastern Handicrafts and Handlooms Development Corporation (NEHHDC)**
 NEHHDC is a Government of India enterprise under the Ministry of Development of North Eastern Region. It has been at the forefront of promoting traditional crafts and textiles in the region. The Eri Silk Spinning Plant at Kharuajan, established with LMW's Smart Machinery, marks a significant step in scaling traditional silk production with modern infrastructure.

North Eastern Handicrafts and Handlooms Development Corporation (NEHHDC)	
Department	Model
LMW Blow room	LB3/2
	LB5/6
LMW Card	LC361
LMW Draw frame (Finisher)	LDF3S
LMW Speed frame	LF4280A
LMW Ring frame	LR9A



“The project addresses the challenges in cocoon rearing and the scarcity of modern machinery to meet the increasing demand for Eri yarn,” said Mr. Pramod Boro, Chief Executive Member of the Bodoland Territorial Region (BTR)

This machinery upgrade not only ensures better yarn consistency and output but also helps maintain high quality while reducing energy consumption and operational costs.

LMW’s strong after-sales service and technical support have been critical in ensuring smooth commissioning and long-term reliability at each of these organizations. Through these partnerships, LMW has proven that cutting-edge innovation can successfully integrate with traditional practices—fueling sustainable growth and positioning North-East India as a rising hub for ethical Eri silk production.

This initiative was spearheaded by Mr. J Roy, Managing Director of Rudrasagar Silk Limited and his team. He played a pivotal role in initiating the process of Eri Silk Spun Yarn Spinning in Assam.



“This initiative not only strengthens the traditional textile sector but also stands as a testament to the power of collaboration. LMW has played a pivotal role by supplying the complete range of spinning machinery for the plants. With LMW’s after-sales and service expertise, the facility is well-equipped to operate efficiently, ensuring long-term performance, consistent yarn quality, and smooth day-to-day operations.” - Mr. J Roy, Managing Director, Rudrasagar Silk Limited

Looking Ahead



Eri Rearing in BTC by Bodo women

This coordinated push for Eri silk, powered by LMW’s cutting-edge technology, is set to position North-East India as a hub for high-quality Eri silk production—bridging the gap between tradition and modernity while creating meaningful employment opportunities. It is a roadmap that blends regional potential, visionary leadership, and smart machinery to position North-East India as a global hub for ethical silk yarn production.

As the world embraces environmentally conscious textiles, Eri silk—powered by innovation and collaboration—is poised to lead the way from the heart of India’s North-East.
