



## LMW POWERS SANGAL INDUSTRIES' TEXTILE VENTURE WITH CUTTING-EDGE TECHNOLOGY

In the heart of Uttar Pradesh, a new chapter in textile manufacturing is being written by M/s. Sangal Industries, powered by state-of-the-art machinery from Lakshmi Machine Works (LMW). Known primarily for its robust paper manufacturing business, Sangal Industries has boldly ventured into the competitive world of textiles, marking a significant milestone in the company's growth trajectory.

Driven by market demands and a vision for growth, Sangal Industries set out to establish an ultra-modern spinning unit with 20,000 spindles capable of producing 100% cotton combed compact yarn. Their ambitious goal was to achieve a packed production of 17.0 tonnes per day, with an average count of 26s.

The choice of machinery supplier is crucial in the textile industry, directly impacting production efficiency, quality, and market competitiveness. After thorough evaluation, Sangal Industries chose Lakshmi Machine Works (LMW) as their most suitable partner.



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Mr. Shishir Sangal, Managing Director of Sangal Industries, explained, "We visited several mills and had discussions with mill owners and technicians. LMW stood out with their world-class machinery and ethical work practices."

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### Choosing Uttar Pradesh: A Strategic Advantage

The state's Textile Policy 2017-2022 has been a game-changer, offering a range of incentives to attract investment in the sector. As Mr Shishir Sangal, Managing Director of Sangal Industries explained, "The UP government is promoting textiles because it's a highly employment-generating industry. They offer capital subsidies, interest subsidies, infrastructure development subsidies, and GST and transportation subsidies for export and import of goods." These incentives significantly reduce the initial setup costs and ongoing operational expenses, making it an attractive proposition for new entrants and existing players alike.

## LMW's Cutting-Edge Machinery

LMW provided Sangal Industries with a comprehensive range of machinery for their spinning unit. Here's a detailed look at the installed machinery:

| MAKE | MODEL             | PLANT CONFIGURATION |
|------|-------------------|---------------------|
| LMW  | Bale Plucker Line | 1 Line with 2 arms  |
| LMW  | LC363             | 16                  |
| LMW  | LDB3 DD           | 3                   |
| LMW  | LH20 S            | 2                   |
| LMW  | LK69              | 11                  |
| LMW  | LDF3 S            | 6                   |
| LMW  | LF4280/A-240      | 4                   |
| LMW  | LRJ 9/SXL-1632    | 12                  |

Each piece of machinery brings unique advantages to Sangal Industries' operations:

### Blow Room

Gentle Bale Plucker line with smart opening & cleaning for homogeneous blending

### Card LC363

Versatile for higher productivity and benchmarking quality through Special profiled Arcual combing arrangement for reduced lint loss and Highest Active Real Carding Area of 1.296 m<sup>2</sup> (20% higher carding area)

### Non-Auto Leveller Draw Frame LDB3

Twin delivery with state-of-the-art drive system and independent drives and flexibility to process two different materials simultaneously at different speeds

### Lap Former LH20 S

Minimum doffing time ensuring higher efficiency and productivity

### Comber LK69

PACT for versatile operation and higher productivity.

## **Auto Leveller Draw Frame LDF3 S**

Smart drive arrangement for higher delivery speeds coupled with Duo digital auto levelling system & Best-in-class drafting system for high consistent quality

## **Speed Frame LF4280/A**

Change gear-less machine with adjustment of draft & twist by touch screen and Unique CQ duct arrangement for uniform suction

## **Ring Frame LRJ 9/SXL**

Inbuilt Spinpact - Unique Suction Compact System that offers Consistent quality through Direct Loading System (DLS). Equipped with High-Performance Module (HPM) for excellent performance.

## **LMW's Expertise and Support**

LMW's partnership with Sangal Industries extends beyond machinery supply. Mr Shishir Sangal praised LMW's approach, stating, "Their technicians provided unbiased suggestions, advising us on suitable technologies for our needs as newcomers to the textile industry." This guidance was crucial in setting up a flexible plant capable of creating versatile and innovative end products.

The Managing Director praised LMW's after-sales service, citing their responsiveness and willingness to assist even during challenging times, such as post-COVID supply chain disruptions. This partnership has been particularly valuable as Sangal Industries navigates the complexities of the textile industry. LMW's expertise has helped the company optimize its operations, reduce waste, and improve energy efficiency - all crucial factors in maintaining competitiveness in the market.

Sangal Industries has made quality the cornerstone of its operations, maintaining strict quality control measures throughout the production process. After a year and a half of operation, the company reports satisfaction with their machinery choices and performance, even exceeding the efficiency parameters committed by LMW. This success is attributed to the synergy between their team and LMW's expertise.



## Looking Ahead

As Sangal Industries continues to grow in the textile sector, it remains optimistic about its future. The company is exploring opportunities to expand its product range, possibly venturing into specialized yarns or downstream products like fabrics. Sustainability is another area of focus, with the company investigating ways to reduce its environmental footprint.

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- Mr. Shishir Sangal, Managing Director of Sangal Industries

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In conclusion, the partnership between LMW and Sangal Industries exemplifies how cutting-edge machinery and expert support can empower new entrants in the textile industry. As Mr. Shishir Sangal aptly put it, LMW is like a visionary nurturing the growth of Sangal Industries, providing "value for money," "reliable machines," and standing as an "ethical organization that supports and educates its customers and the overall industry."

