

THE TEXTILE MAGAZINE

INDIA'S LEADING TEXTILE INDUSTRY MAGAZINE

Luwa

Luwa

**25 years of successful partnership
with Indian textile industry**

Highly optimistic of future synergies under Nederman Group



Mr. Gottfried Abrell, CEO, Luwa Air Engineering AG, (right) and
Mr. P.K. Singh, President, Luwa India

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Kornit Digital Growth strategy for Asia



Sustainability and traceability
to drive **GHCL** home textiles



Rieter-Sharmanji Yarns
success story



Pratibha Syntex focus on
product & process innovation



Why global
brands are
racing towards
**3D knitting
solution**



Recron[®] FS
a preferred textile
furnishing solution
for enhanced
fire safety

Contents



44

MONTEX finalising new exhibits to be unveiled at ITMA 2019



48

How Sharmanji Yarns benefited from **RING SPINNING SYSTEM G 32**



54

SUSTAINABILITY AND TRACEABILITY to drive future of home textiles

GLOBAL MARKET WATCH

20 Home Textiles: A home run for Asia

AWARDS

28 Venkaiah Naidu presents Special Awards for top industry performers

EVENTS

32 First edition of ITME Africa planned during February 14-16, 2020

52 Techtextil in May is almost fully booked by now

124 Another successful edition of Pailung Trophy

INDUSTRY NEWS

36 CITI hails Gujarat textile policy, urges other States to follow suit

36 Govt. move to further promote technical textiles hailed



Why global brands are racing towards **3D KNITTING SOLUTION**

USTER® AFIS PRO 2

The industry standard for process optimization in spinning mills – providing all the required data, with unmatched accuracy and speed



How **Sharmanji Yarns** benefited from **Ring spinning system G 32**

Sharmanji Yarns Pvt. Ltd. manufactures and exports yarns made of 100% cotton as well as cotton and polyester blends. The company uses a ring spinning system with 98,000 spindles. Before venturing into yarn spinning in 2007, the company had been involved in yarn trading in Ludhiana since 1964. The company's star product is the polyester/cotton yarn, which is well-known in Ludhiana for its outstanding quality. Thanks to its recent investment in a Rieter ring spinning system, it has managed to increase its capacity to 132,000 spindles.



Ring spinning machines G32

SUCCESS STORY

As a former yarn trader, Sharmanji Yarns is well versed in the quality requirements of yarn customers. The company attaches high importance to producing yarn of the same high quality as it was distributing as a yarn trader. It was the sharp increase in demand for polyester/cotton blends that influenced the company to add this yarn to its product range. It was indeed crucial that this new investment would provide higher returns in terms of overall productivity and product quality. Further, the company wanted to take advantage of lower installation lead time to be able to reap the full advantage.

Since 2007, combers and draw frames from Rieter have been meeting the high demands that Sharmanji Yarns places on the yarn quality. Rieter recommended that the company management invest in a complete, powerful system, from the blowroom right down to the end-spinning machine. So it became the first company in India to install the new Rieter bale opener UNIfloc



Mr. Ashu Jain, Managing Director of Sharmanji Yarns Pvt. Ltd.

A 12, an exceptionally productive machine that processes up to 2,000 kg of raw material per hour. The card C 70, draw frame RSB-D 45 and ring spinning machines G 32 were equipped with the Rieter man-made fiber package (synthetic fiber packages for processing polyester fibers and its blends). The combing preparation system OMEGAlap E 36 with its innovative winding belt technology and the comber

E 86 with circular comb Ri-Q-flex were offered for processing cotton.

In 2013, the company tested six ring rails on the G 32 to discover for itself the benefits offers in terms of saving energy and reducing yarn conversion costs. The impressive test results led it to use Rieter machines in the execution of its 27,648 project.

Rieter's dedicated project team worked closely with Sharmanji Yarns' techni-

cal team throughout the preparation and installation phases to ensure fast installation and commissioning. After a three-month installation process, the system was ready for operation, delivering yarn which met the

customer's requirements for both quality and quantity.

Sharmanji Yarns is now enjoying the benefits of a Rieter system – higher plant productivity with high yarn quality. The suction tube ECOrized installed on the ring spinning machine G 32 reduces the energy consumption. Together with the energy-saving machines in the blowroom line, the cards and draw frames allow the company to save around 8% of energy in the UKG values. The entire Rieter system offers higher productivity, so it requires 10% less space. This thus reduces the company's indirect costs.

Sharmanji Yarns was hugely impressed by these benefits. For its next expansion, the company has placed an order for a second system project (once again for polyester and cotton yarn production) consisting of 34,272 spindles.



Ring spinning machine G 32 – for the production of high-quality yarns produced with high efficiency



Mr. Siddharth Agarwal, Managing Director, Sagar Group

The Sagar Group has been associated with Luwa for the last six years now and, according to Mr. Siddharth Agarwal, the company's Managing Director, the experience has been quite good.

Pointing out to the key reasons behind the Sagar Group choosing Luwa over other companies in the air engineering space, Mr. Agarwal stated: "Luwa has an edge on the technology front and its equipment are of best available quality offered at a very reasonable price. The advantage is almost no maintenance with reasonable power consumption. Luwa is also an excellent service provider."

Mr. Agarwal added: "Sagar Group congratulates Luwa on the completion of its 25 years in India and hopes for its sustained progress in the coming years. Expectations from the industry are growing higher and higher in this competitive world, and one has to address power consumption of the plant responsible for humidification, waste handling and room conditioning system. Better designing, energy efficiency and low maintenance costs are the issues, besides ensuring continuous running of the plant with a standby system to avoid interruptions, especially for spinning units which run 365 days of the year. De - humidification at low cost is the long pending expectation of the textile industry."

Mr. Haresh Ranipa, Director, Sanvi Spinning Mill Pvt. Ltd., Soyal, Gujarat

Sanvi Spinning Mill Pvt. Ltd., located at Soyal, Gujarat, has made a name for itself as a leading supplier of quality yarn.

Congratulating Luwa on its 25th anniversary celebrations in India, Mr. Haresh Ranipa, Director of the company, observed: "We are associated with Luwa for the last three years when our plant's first phase was started with 19,536 spindles capacity to our perfect satisfaction. Therefore, in 2017 too we have once again gone with Luwa's humidification plant for our second phase installation of 18,240 spindles."

Listing out the reasons for choosing Luwa, Mr. Ranipa said: "We are very much satisfied with the plant, as till date we had only minor problems in the three years of its working. Luwa solved these problems by guiding online through the team viewer or sending any technician working at nearby sites. Secondly, with the effectiveness of the humidification plant and maintaining proper air-changes in the whole department, has led to less fly generation, and we get much better working conditions. We are able to maintain the good working environment, better yarn quality, less breakdown and longer life for machine spares. Energy consumption wise too, the plant is showing good results with slight adjustments made by us. It is consuming just 15.5% of total energy consumed by the entire plant on an average count of 30.5. Our plant's energy usage is 0.402 unit/kg of yarn. In a nutshell, I can say that Luwa's plant is more efficient than all other plants which are available in India."



Mr. Ashu Jain, Director, Sharmanji Yarns Pvt. Ltd., Ludhiana

The Ludhiana-based Sharmanji Yarns has been associated with Luwa since 2007. The experience of working with Luwa has been excellent, Mr. Ashu Jain, Director of the company, listed down the advantages offered by Luwa by saying: "As we all know that the role of air engineering is very critical in a spinning unit, especially in cotton spinning, with respect to quality of the yarn produced, working performance of the machines, working environment and ultimately the smoothness of the production.

We had experienced that the overall design concept and equipment section of Luwa is far ahead of others, which gives them an edge over others."

Congratulating Luwa, Mr. Jain said: "We wish Luwa a very bright future and hope them to go in the same direction, with further focus on effectiveness of dust & waste removal, as well as on power consumption, as approximately 15-20% of total power consumed in a spinning unit is by the H. plant."