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StitchWorld

Technology and Management in Sewn Product Industry

Suit Manufacturing

Suit manufacturing was always considered special because of the unique pressing requirement that it demands. In a two-part article series, in-line pressing of jacket has been covered in the first part while end-line pressing is highlighted in the second part. Also reviewed is one of the most talked about brand in suits today, Blackberrys, standing tall with a turnover of Rs. 800 crore, producing 3,60,000 jackets and 14,00,000 trousers annually, and how are they taking up the challenge.

Automotive Upholstery

The average weight of textile materials in a mid-size car has increased from 20 kg in year 2000 to 26 kg today, and by 2020 it is expected to reach 35 kg, signifying a considerable increase in application of textiles in its traditional uses which includes seat covers, door and roof coverings and re-enforcement materials, safety belts and airbags. Additionally, the car market is expected to increase by 5% to 3 million cars a year by 2014 and recondition car market is garnering a similar growth, and will together spur additional use of textiles.

Jeans Manufacturing

Jeans manufacturing is undoubtedly one of the most automated sewing segment. We have reviewed the continuous development be it the jean manufacturing line setup by Vibemac or the manufacturing system of Jeans clusters in Gandhi Nagar, Delhi.

Lean evolving continuously but still not many takers

Lean is a growing concept in this industry and more and more manufacturing companies in India and Bangladesh are bracing it. We have discussed two of the most difficult Lean tools and how that can be applied in apparel manufacturing.

Fabric Utilization

Fabric was, is, and will be the major cost share of any garment ever produced. The 4-part series on Fabric Utilization discussed the effective utilization of fabric and the savings that can be made by using good and simple software solutions.

Stitchless Garment

Undoubtedly one of the most promising technology developments in the domain of fabric joining with application ranging from undergarments to outerwear and latest in men's dress shirt is seam sealing. The technology for the same has graduated from seam sealing by tape, to option ranging from welding to bonding.

IT in Apparel Manufacturing

Information technology is ever pervasive and continuously influencing and operationalizing the evolution of apparel industry, whereas initially it was domain specific applications that contributed in the increased efficiency and rationalizing the efficiency in all functions in apparel industry. StitchWorld highlighted some new IT interventions that support the industry in its endeavour to be more competitive.

The comeback of Make Through System

Though always been looked down upon in core manufacturing locations across the world, India (especially NCR) has always explored its full capabilities. We have carried a detailed analyses of how industry is using Make Through System at its best on manufacturers based in Gandhi Nagar (Delhi), Ludhiana, and Delhi-NCR region.

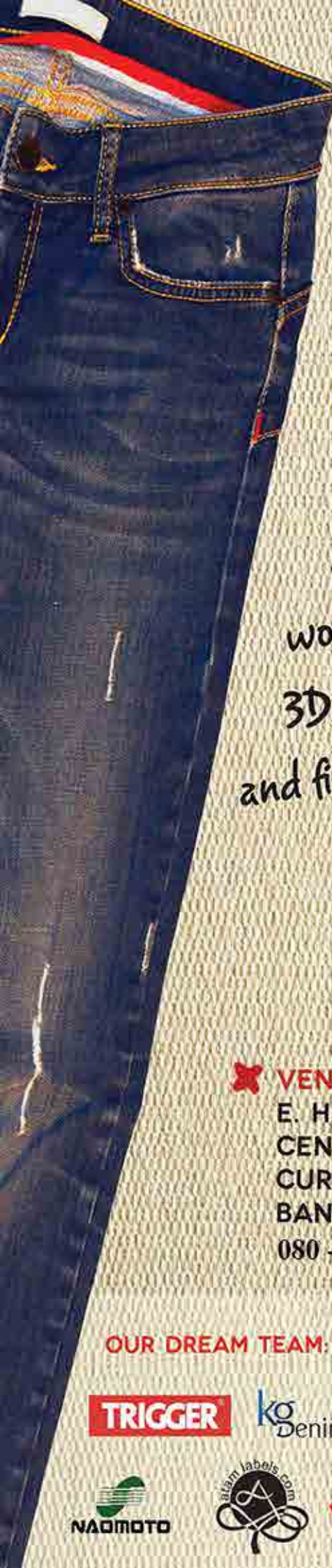
Real Time Data is Important

The application of real time data collection is integrated with lean concept or OEE (Overall Equipment Effectiveness) in a holistic approach towards production monitoring.

Shirt Manufacturing

Not India's strength, we have through the year manufacturing in India as well as Bangladesh. Technology undoubtedly plays a major role in shirt manufacturing. Some of the technology that can be crucial for pocket attaching in a shirt.

10 Best Picks of 2013



MEN AND TECHNOLOGY



Witness a working factory module producing jeans under one roof, using the world's latest and most innovative technology: 3D body scanner, spreading, cutting, sewing and finishing.

✦ **DATE:**
9, TO 12 JANUARY 2014

✦ **TIMING:**
10:00 AM - 6:00 PM

✦ **VENUE:**
E. H. TUREL & CO,
CENTER OF COMPETENCE, NO 17, LADY
CURZON ROAD, SHIVAJINAGAR,
BANGALORE - 560001.
080 - 25592465

**For Google Maps road directions please scan the QR code



OUR DREAM TEAM:



GROZ-BECKERT®



TUKATECH



ALGOTEX

Welcome to the future of Denim Business

Turel Group and Vibemac to hold 'B2B Event – India Millennium' in Bangalore from Jan. 9-12, 2014

Realizing that future business will be conducted by partnering the industry through sharing knowledge, EH Turel & Company, known for providing reliable and quality technology solutions to the sewn product industry for over 33 years with its dedicated partner, Vibemac, a three decade old leader in automated sewing machines for denim jeans manufacturing, will together be organizing 'B2B Event – India Millennium' from January 9-12, 2014 in Bangalore, at the E H Turel & Company – Centre of Competence.



Enrico Guerreschi, Sales Director, Vibemac explaining one of the machines from the company to the Turkish Ambassador, at the InDigo Fair, where the company for the first time showcased a complete jeans manufacturing line with its sole agent EH Turel & Company

After the success of setting up a running "Production Line Set-Up for Jeans" at the 2013 edition of the InDigo Show, where it showcased a complete setup for jeans manufacturing from fabric cutting to sewing and finishing, the four-day event will also be on the same lines setting up a complete line to produce jeans. An addition to the show would be to provide valuable insight on setting up a jeans production line which would be presented by Enrico Guerreschi, Sales Director, Vibemac along with various Italian designers and representatives of international buyers and brands. Simultaneously, demonstrations will be held on body scanning, spreading, cutting and finishing, concluding with handing over the finished jeans to the visitor – providing a not

to be missed opportunity for the industry to see live, evaluate and analyse the nuances of jean manufacturing.

The first day of the four-day event will discuss optimizing cutting room nuances of body scan, CAD, CAM and designing by Tukatech which will be addressed by Ram Sareen, a garment industry veteran and founder of Tukatech. The second day will witness a seminar on sewing jeans highlighting Vibemac's automation and addressed by Enrico Guerreschi. The third day of event will discuss fashion trends, styles and branding in the presence of Italian designers and international buyers. The concluding day will be kept for receiving customers' feedback and their views about future of denim jeans.



At the previous venue, the setup had 27 sewing machines with an output of 1000 sewing machines in 8 hours



Also showcased were ironing and finishing machines from MACPI as the focus was on preparing a finished product

The event which has already created a buzz in the market will draw many customers from India and abroad to experience live the working of a range of Vibemac machines and entire production of jeans, besides getting the opportunity to interact with fabric manufacturers, fashion designers, and fashion and production consultants from Italy. The event will also be visited by leading subject experts. Well-known domestic brands like Lawman, Winstone and Killer have already lent their

support to the event and the organizers. Going a step ahead, accessory providers like Groz-Beckert, YKK, Etam and Coats would be providing the top quality needles, zippers, labels and threads for the jeans being manufactured at the event.

The summit themed "To Give Back to the Industry" will feature production methods using the latest technology with least consumption of space, manpower, machinery and electricity with no compromise on quality or productivity.

Bangladesh: Indian Designs appoints Piyush Vyas as the new COO of its Bangladesh venture, BD Designs Ltd.

Bangalore-based Indian Designs has recently appointed Piyush Vyas, as the new Chief Operating Officer of its Bangladesh project proposed at the Kamaphuli Export Promotion Zone, Chittagong - BD Designs. The investment in this unit has been around US \$ 9 million for an annual production capacity of 3.4 million pieces of jackets, pants, shirts, T-shirts, suits and undergarments.

The appointment of ex-Chief Operating Officer at Mumbai-based Mandhana industries, Piyush Vyas with more than two decades of experience in apparel manufacturing with product specialisation in Shirts, Bottoms and Knits,



Piyush Vyas

is the first appointment to the top management of the Bangladesh project.

Indian Designs has been registering consistent growth with its top line increasing US \$ 30 million in FY 2010-11 to US \$ 47 million in FY 2011-12 and projections to touch US \$ 56 million in FY 2012-13.

Bangladesh: Arrow Jeans to invest US \$ 8 million in Chittagong Export Promotion Zone (CEPZ)

Arrow Jeans Limited, manufacturing 1,20,000 garments per month has plans to setup a new huge factory in Chittagong EPZ with an investment of US \$ 8 million. The plant, which will provide employment opportunity to over 1,900 people, will have annual production capacity of 3 million dozens of casual jeans, trousers, dress pants, skirts, jackets and ladies blouse. An agreement to this effect was signed between Bangladesh Export Processing Zones Authority and Arrow Jeans (Pvt.) Limited in Dhaka recently at BEPZA Complex. Sayed Nurul Islam, Member (Investment Promotion) of BEPZA and Md. Arif-ul-Karim (Munna),

Managing Director of Arrow Jeans, signed the agreement on behalf of their respective organizations.

Established in 1995 and located in Chittagong, Arrow Jeans with 400 sewing machines running in the 10-storied building of 34,566 sq. ft. floor area, is a 100% export-oriented readymade garments unit exporting to Germany, France, Italy, England and the US. The company is making trousers, shorts, children's wear, ladies blouses, vests, overalls, skirts and denims for brands like Target, Walmart, Boys Brigade, Lolly Togs and Dr. Rehfeld.



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MEN AND TECHNOLOGY

4650 EV4 RR

- new pneumatic control, reinforcement of the **presser foot**, more grip, easier to adjust
- optional **loop aligner** developed for 3D loop
- new **loop cutting device**, easier to use
- quicker and more efficient **wiper**, with easier threading
- re-designed **graphic panel**

