



PRECITEX



Made in India For the world

Much before Made in India became the national credo, PRECITEX adopted it and pioneered the manufacturing of aprons and cots for various needs of the Indian textile spinning industry, competing successfully with globally renowned brands. Within a short span of time we emerged as the market leader in India contributing immensely to the nation's efforts in self-reliance through import substitution.

We didn't stop there and went beyond our shores, reaching out to the world. Today PRECITEX Aprons & Cots are exported to more than 40 countries around the world. We are an established global brand and the largest Indian exporters of aprons and cots today. PRECITEX has been winning the best of exports awards year after year as a glowing testimony to this fact.

The secret of our success lies in our capacity to innovate constantly and develop and manufacture world-class aprons and cots that enhance the productivity and competitiveness of our discerning and demanding quality conscious customers around the globe.

We are forever committed to contributing to our nation's economic growth and adding to the productivity and success of our domestic and global customers.



PRECITEX

Aprons & Cots



MADE FOR THE WORLD

Precision Rubber Industries Pvt. Ltd. (An ISO 9001-2015 Company)

201 A, Poonam Chambers, Worli, MUMBAI 400018.

Tel: +91 22 40766444 / 40046403 Fax: +91 22 66605382 / 66605383 E. Mail: precitex@precitex.com

Visit www.precitex.com

HVT Expert I40I

High Volume Fibre Tester



- Accurate measurement of Length, Strength, Micronaire, Maturity, Colour, Moisture and Actual/Surface Trash content
- Calibration by USDA / International calibration cottons
- Fully automatic trash separator (AccuTrash) for measuring Lint, Trash, Dust & Micro-dust

UH Expert 2012

Evenness Tester with Hairiness Index



- Measurement of Unevenness properties of yarn, roving and sliver including Hairiness of yarn
- Advanced technology and user friendly operation with perfect graphical and numerical results
- Automatic yarn changer assembly upto 20 packages

TensoMaster

Automatic Single Yarn Strength Tester



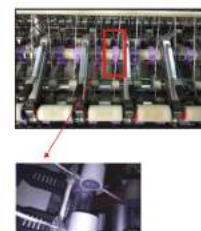
- Measurement of Single yarn strength, RKM & elongation of all kinds of yarn
- Test speed 50-5000 mm/min & Elongation range upto 900%
- Graphical results – FE curve, Stroke diagram, Scatter diagram, FD curve & AIO graph

SPinFO

Online Spinning Information System



Roving Stop Motion



Monitors

- | | | |
|--------------|------------------|-----------------------------|
| • Production | • Rogue Spindles | • Roving Stop Motion |
| • Doffs | • Slip Spindles | • Power Consumption |
| • Stoppages | • Idle Spindles | • Air Consumption |
| • End Breaks | • Draft | • Temperature & RH |
| • Twist | | • Pneumafil Suction Control |

GINNING | SPINNING | WEAVING | KNITTING | PROCESSING | APPARELS | GARMENTS

MAG Solvics Private Limited

S. F. # 149/5, Dynamic Center,
Solavampalayam (PO),
Kinathukadavu,
Coimbatore - 642 109. INDIA
M: +91 7667 8448 03
T: +91 4259 2427 00
F: +91 4259 2427 11
E: marketing@magsolvics.com
W: www.magsolvics.com

Marketed by



T: +91 22 667661 00
F: +91 22 267324 63
E: poacc@ateindia.com

Experience the Legion of cache from SIMTA and Watch your rewarding process



ROVING TRANSPORT SYSTEM



TRAVELLING CLEANERS



SPINDLE TAPES



CLEARER ROLLERS



COP SORTER

SPINDLE TAPES

CLEARER ROLLERS

UPVC WINDOW PROFILES

COP SORTER

TRAVELLING CLEANERS

ROVING TRANSPORT SYSTEM

BOBBIN STRIPPER

INDUSTRIAL FABRICS

SHEET METAL FABRICATION



www.simta.com



SIMTA Group of Companies

S.F. No 683 A, Railway Feeder Road, Ravathur Post, Suler via, Coimbatore - 641 103, India.

Phone: +91- 422 - 2680705 / 2681705

Email: info@simta.com / sales@simta.com





PRODUCTS MADE WITH PRECISION AND PASSION

QUALITY GUARANTEED



RMP BEARINGS LIMITED
Station Road, Ranpur - 382245, Dist. Botad, Gujarat, INDIA
E-mail: mail@rmpbearings.com Website : www.rmpbearings.com

High Quality **COTS & APRONS**



R – Series Aprons

R 40 – Grey Colour

- Special quality For 100% Cotton
- Excellent for Super Fine count cotton
- High Resistance to Ozone

R 60 – Blue Colour

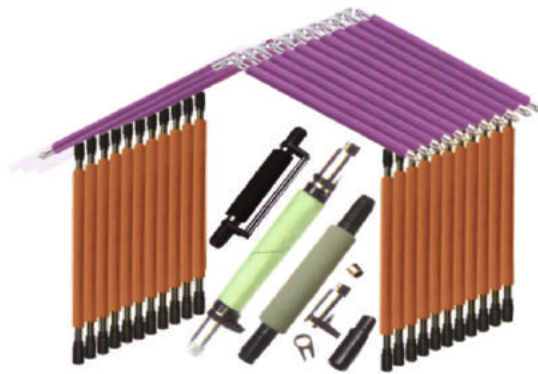
- Special quality for COMPACT YARNS
- Excellent for Coarse count yarn and special yarn such as LYCRA
- Highly abrasion resistant

VETRI TOP ROLLERS



**WHY VETRI TOP ROLLERS ARE MORE TRUSTED
FOR DRAW FRAME, COMBER & LAP FORMERS?**

**YES, “SLIVER QUALITY” FROM DRAW FRAME / COMBER IS MORE
CRITICAL FOR DETERMINING FINAL RING / O.E YARN QUALITY**



VETRI TOP ROLLERS HOUSE

WITH 27 YEARS OF

TOP ROLLERS MANUFACTURING EXPERTISE

VETRI ENGINEERS FROM COIMBATORE

**STANDS AS RELIABLE MANUFACTURER / SUPPLIER OF
TOP ROLLERS FOR PRODUCING BEST “SLIVER QUALITY”
FROM THESE TEXTILE PREPARATORY MACHINES.**

**TRUST VETRI TOP ROLLERS, THEY WILL ENSURE MILLS QUALITY YARN
PERFORMANCE, HIGHER PRODUCTIVITY AND PROFITABILITY.**



VETRI ENGINEERS

TECHNOLOGY - QUALITY - VALUE - RELATIONSHIP





Vol. LXIII
No. 05
AUGUST 2020
Copyright Reserved

INDIA'S WIDEST CIRCULATED MONTHLY ON TEXTILE & ALLIED INDUSTRIES

Single copy : Rs.35.00 | ANNUAL SUBSCRIPTION (POST FREE) : RS. 400.00
OVERSEAS (AIR MAIL POST FREE) : ST £ 45.00 / US \$ 120.00 | BANGLADESH (POST FREE) : US 35.00

Advisors

Prof. Suranjan Das

Ex Vice-Chancellor
University of Calcutta

Shri R. C. H. Reddy

Ex President
Lakshmi Electrical Control Systems Ltd.

Chairman Editorial Board

Dr. S. M. Chatterjee

B.Sc. B.Sc. Tech. (Cal), M.Text (Bom)
Ph.D. (Cal) AMIET (Lond), MISTE, FAE
FIC, FIEE, FISE, FTA, FIE, FICCE, FIPHE
Chartered Engineer (IE), Professional Engineer (I)

Chairman

Ex Vice-Chancellor
Bengal Engineering & Science University;
Member, Executive Council,
Eastern Cotton Mills Owner Association;
Executive Council, AICTE;
Director, Technical Education, West Bengal

Members of the Editorial Board

Shri N . Subramaniam

Chairman
CHIORINO & Sagotharen

Shri Anil R. Mehra

B.Sc. (Hons), B. Sc. (Tech), (Textiles, UDCT, Mumbai)
M. Sc. (Tech), (Textiles Chemistry, UDCT, Mumbai)
M. B. A. (USA) (U. of Illinois, Champaign- Urbana, ILL, USA)
Graduate Fellow 1978 – ROTARY INTERNATIONAL
MIMA (Member, Indian Managrment Association)
Senior Member, AATCC, USA
C. Col-FSDC (UK), Chartered Colourist

Shri G. T Dembla

Mg. Director
Precitex Rubber Industries Pvt. Ltd., Mumbai

Shri A. N. Chaudhuri

Sr. President - Marketing
Krissteel – Shinwa Industries Limited, Mumbai

Shri A. C. Majmundar

Advisor
Siddhi Engineers & Samruddhi Engineering
Ahmedabad

Publisher : Shri D. J. Dutta

Editor : Shri Malay Chakarabarti

Asst. Editor : Dr. Tapan Kumar Banerjee

The Editor takes no responsibility for views expressed by contributors and correspondents. Articles and writings accepted are the copyright of the Journal's publishers.

Bangladesh:

COMMERCE & COMMODITY (PVT) LTD

Eastern Plaza, 8th floor, Suite No. 9/22
Bir Uttam C R Dutta Road, Dhaka – 1205, Bangladesh
Tel. : 0088 037 72012027 e-mail: ckd@bangla.net
http : ecpl.webjumb.com

Published monthly by

Eastland Publications Private Limited

44, Chittaranjan avenue, Kolkata- 700 012, India
Phone : 91-33-2212-2233, 91-33-2212-1096, Fax : 91-33-2212-1096
E- mail : text_223308@bsnl.in / textrend58@gmail.com
Website : www.textiletrends.in

Whenever You Need For a Dye Spring **INDIAN DYE SPRINGS CO.** Must Come Up To Surface.....



Product Range : **Dyesprings**

INDIAN DYE SPRINGS CO.

MANUFACTURERS OF S.S.DYE SPRINGS

Office : B1/202, Cauveri C.H.S, Ltd., Raunak Park,
Pokhran Road No. 2, Kokani Pada,
Thane (W) - 400610, Maharashtra, India.
Phone : +91 98920 87026 / 97691 11988



Editorial	----	11
World Economy and Trade Trends	----	13
Indian Economy and Trade Trends	----	15
Textile sector opts for a vision and mission	----	17
Fashion & Apparel Cos still grappling	----	18
Textile companies in race into antiviral garments	----	19
The Abolition of Handloom Board does not mean problems to have been gone away	----	20
Apparel retailers to face brunt of lockdown in Q1 as sales slump	----	21
The Crisis in Bhiwandi Power Loom Sector — <i>B. Basu</i>	----	22
Development of Women Entrepreneurs in Indian Textile Industry — <i>Pooja Kanodia, Dr. Sunita Dixit</i>	----	27
Spinning mill to move to inventory pile-up : ICRA	----	30
Export Prospects and Markets	----	31
Corporate News	----	36
Weaving Calculation, Costing, Projects <i>Dr. M. K. Talukdar and Dr. Anirban Guha</i>	----	46
Interactions to create Road Map for the Growth of Indian Textile Industry	----	47
Textile Events	----	48
Science in Industry	----	57
Index	----	74



OM CORPORATION

Manufacturer, Importer & Exporter of all kinds of Weaving Machinery Spare Parts i.e. Air Jet, Water Jet, Rapier etc. & Supplier of all kinds of Textile Second-Hand Machinery.

A Leading Air Jet Spares Supplier Company in INDIA



Since 1985 we, Om Corporation, have been concentrating mainly on producing the export quality textile weaving machines Spare parts. For all needs of modern weaving machines, Om Corporation produces a high quality spare parts by the qualified engineers and technicians. Professionalism is inbuilt at bottom of the sales & manufacturing strategic schedule. We are fully integrated & created a critical asset and committed to upholding spread out of the world wide customers network. We not only present our customers absolute better products but always believe in high time mind it to customers comments. Prompt respond to there current needs for anticipating to future demand. We serve a quality and confidence with fair price. We value your money. That's also creating a great Image for a sound future for our products, which together with best services of all makes Om Corporation. A reputed Company concerns its own wide sector. At last Om Corporation has played an important role for developing a global textile scenario.

AIR JET & WATER JET MACHINE PARTS



CAM & DOBBY PARTS



RAPIER MACHINE PARTS



OM CORPORATION

601-A, ABC-1, Behind Gala Business Centre, Nr. St. Xaviers College Corner, Off C. G. Road, Ahmedabad-380 009, Gujarat, India
Email: info@omcorporation.org / co.in | Web: www.omcorporation.org / co.in

Emerging virtual trade show reconnecting players in textile industry

The deadly virus COVID-19 has overwhelmingly cast adverse impact on human life. It has brought tremendous human tragedy and broadly damaged global economy what this planet has ever faced. COVID-19 – induced catastrophic impact still persists in USA, BRAZIL and INDIA.

Major adverse issues the companies facing on are restriction on domestic and international travel, no physical customer contact, either cancellation or postponement of regular marketing activities such as trade fair and exhibition.

In such unprecedented situation new emerging experiences companies gain; companies now have opportunities of playing effective role by unleashing advantages of digital platform. Companies can reimagine their digital strategies to capture new opportunities and digital customers.

To provide a solution amid this situation event organisers step in to initiate virtual exhibition especially for textile industry. Many major textile exhibitions have been cancelled or postponed. Therefore a virtual exhibition is the best way to serve purpose of textile community. The 3D immersive environment gives the feel of actually attending a real exhibition. This exhibition can display their 3D machine model, interacts with their buyers through One-to-One video calls. This virtual trade show will provide an opportunity from companies across the globe to showcase innovation in manufacturing technology & materials while COVID-19 - induced travel bans and safety measures are being imposed. Exhibitor's virtual booth will contain everything from videos of machines on operation, and booth visitors can make appointment or use a chat option to communicate with exhibitors.

The virtual exhibitions are becoming a perfect platform to be in close proximity with their customers from any remote corner of the world. As no logistics are involved there is huge cost saving for stakeholders in participations in virtual event.

Textile industry has positively reacted to the acceptance of virtual event. It may not be a surprise if the future exhibitions across the all industry are held virtually with massive participation of stakeholders without footfall.

**Speciality chemicals that have stood the TEST of TIME
For — TRADITIONAL molecules along with MODERN state
of art the INNOVATIVE products.**

Come To

AUXICHEM

**FOR
TEXTILE, PAPER, LEATHER
& JUTE INDUSTRIES**

Office :

22, Prabhadevi Industrial Estate,
402, Veer Savarkar Marg, Prabhadevi, Mumbai-25

Tel : 24300619/24300607/56602885

Fax : 24303787

E-mail : auxichem@vsnl.com

Factory :

D-109, MIDC, Shiravne, Thane Belapur Road

Navi-Mumbai

Tel : 27682626/27619095/56163514

Fax : 27671995

Selling Agent in Eastern Zone

BENGAL CHEMICOLOUR COMPANY

10, Armenian Street, Kolkata-700 001, Show Room : 35, Armenian Street, Kolkata-700 001

Telephone : 2268 5941, 2268 4334, 2235 1133

Fax : (033) 2235 6871, Gram : benchemco

E-mail : bccol@cal.vsnl.net.in

WORLD ECONOMY AND TRADE TRENDS

⇒ China shows its 1st import growth since pandemic

China's imports in June rose for the first time since the coronavirus crisis paralysed the economy, as government stimulus stoked demand for commodities, while exports, fuelled by medical goods, also rose in a sign the recovery is gaining traction. Beijing has doled out aggressive stimulus to support domestic demand even as a resurgence in coronavirus infections around the world has raised questions about the strength of a rebound in global economic activity. China's imports in June rose 2.7 per cent from a year earlier, Customs data showed recently, confounding market expectations for a 10 per cent drop. They had fallen 16.7 per cent the previous month. Exports also rose unexpectedly, up 0.5 per cent, suggesting global demand is starting to pick up again as many countries begin to ease tough antivirus measures that have pushed the world's economy into its biggest slump in almost 90 years. Analyst had estimated a 1.5 per cent drop, following a 3.3 per cent decline in May. □

⇒ Britain's economy shrinks by a quarter

Official figures shows that the British economy managed to eke out some growth in May as lockdown restrictions started to be eased, but that it remains around a quarter smaller than before the coronavirus pandemic. The Office for National Statistics said recently that the economy grew by 1.8 per cent in May, from the previous month. Despite this increase, the it is 24.5 per cent smaller than it was in February, before the full impact of the pandemic. In April alone, the economy shrank by a staggering 20.3 per cent. Jonathan Athow, deputy national statistician for economic statistics, said manufacturing and house building showed signs of recovery as some businesses saw staff return to work, while the crucial retail sector saw record online sales. "However, with lockdown restrictions remaining in place, many other services remained in the doldrums, with a number of areas seeing further declines," he said. □

⇒ EU to face deeper recession, less steep rebound for euro zone

The euro zone economy will drop deeper into recession this year and rebound less steeply in 2021 than previously thought, the European Commission forecast recently, with France, Italy and Spain struggling the most due to the Covid-19 pandemic. The downbeat assessment of Europe's economy comes amid concern the US recovery may also be faltering as a surge of new coronavirus infections prompts states to delay an in some cases reverse plans to let stores reopen and activities resume. The EU executive said the 19-nation single currency area would contract by a record 8.7% this year before growing by 6.1% in 2021. In early May, the Commission had forecast a 2020 downturn of 7.7% and a 2021 rebound of 6.3%. The Commission said it had revised its forecasts because the lifting of Covid-19 lockdown measures in euro zone countries was proceeding less swiftly than it had initially predicted. The EU executive significantly cut its earlier forecasts for France, Italy and Spain, all hit hard by the pandemic, and now expects now downturns in excess of 10% this year in each. In Germany, the euro zone's largest economy, where widespread testing has helped limit fatalities, the Commission moderated its estimates both of 2020's downturn to -6.3% from -6.5% forecast in May and next year's rebound. Economics Commissioner Paolo Gentiloni told a news conference that to reduce risks of a second recession EU fiscal rules could remain frozen even after growth returns next year. Requirements that states keep fiscal deficits below 3% of gross domestic product and reduce high debt have been suspended during the pandemic, in an unprecedented move. Gentiloni, a centre-left former Italian prime minister, said the rules may be reactivated only when the bloc's output returns at least to 2019 levels. □

⇒ US industrial output picks up most since 1959

US industrial production in June posted the largest monthly gain since 1959, indicating manufacturing is stirring to life after coronavirus pandemic-related shutdowns.

Total output at factories, mines and utilities increased 5.4% from the prior month after climbing 1.4% in May, Federal Reserve data showed recently. The median projection in a Bloomberg survey of economists called for a 4.3% advance. Factory output jumped 7.2%, the biggest gain since 1946. The outsize rebound in production still leaves the Fed's index of industrial output 10.9% below pre-pandemic levels and the capacity utilisation rate shows plenty of slack as demand builds only gradually. What's more, sales may be tempered in coming months as reopening have entered a more uncertain phase, with states like California imposing renewed lockdown measures. In the second quarter, industrial production fell an annualised 42.6%, the biggest setback in the post World War II era. Capacity utilisation, which measures the amount of a plant in use, increased to 68.6% from a revised 65.1% in May; it was 76.8% in February. Extra capacity can weigh on corporate profits because business capital is underutilised, and it also signals a sluggish capital spending outlook. The increase in factory output was led largely by vehicle and parts output, which surged 105%. Excluding auto production, factory output rose 3.9% as all major industries registered gains for the month. The Fed's report showed utility output increased 4.2%, while mining dropped 2.9%, the fifth straight monthly decrease. Oil and gas well drilling declined 18% after a 36.9% slide a month earlier. □

➡ China's economy expected to grow 2.2% in 2020

China's economy is expected to recover steadily in the rest of the year, boosted by stimulus measures to reverse the damage from the coronavirus crisis, but weak global demand and rising Sino-US tensions are key risks, a Reuters poll showed recently. The world's second-biggest economy is now expected to expand by 2.2% in 2020, according to the median of 42 analysts surveyed by Reuters, up from 1.8% projected in the last poll in April. But that pace would still be the weakest since 1976 - the final year of Mao Zedong's Cultural Revolution. China's economy expanded 3.2% in the second quarter from a year earlier, following

a record 6.8% slump in the first three months of the year as the virus and strict measures to contain it paralysed much of the country. But analysts warn that the rebound is heavily reliant on state-led investment, while consumption remains weak. National disposable income per capital fell 1.3% in the first half of the year, according to official data. Manufacturing and construction have snapped back relatively quickly. But the services sector has lagged, with the catering, hospitality and entertainment sectors struggling to get back to normal amid worries of a resurgence of coronavirus cases and cautious consumer sentiment. "We still see growth uncertainties ahead from a bumpy and uneven reopening in other countries, a less favourable policy environment, and the loss of strong growth driver in consumption/services amid elevated uncertainty in the labour market," said analysts from Bank of America Merrill Lynch. □

➡ EU leaders clinched \$2-trn deal on recovery plan

Weary but relieved, European Union leaders finally clinched a deal on an unprecedented €1.8 trillion (\$2.1 trillion) budget and coronavirus recovery fund recently, somehow finding unity after four days and nights of fighting and wrangling over money and power in one of their longest summits every. With masks and hygienic gel every where at the summit, the 27 leaders were constantly reminded of the potent to their continent, and grudgingly committed to a costly, massive aid package for those hit hardest by Covid-19. "Extraordinary events, and this is the pandemic that has reached us all, also require extraordinary new methods," German Chancellor Angela Merkel said. To confront the biggest recession in its history, the EU will establish a €750 billion coronavirus fund, partly based on common borrowing, to be sent as loans and grants to the hardest-hit countries. That comes on top of the seven-year. €1 trillion EU budget that leaders had been haggling over for months even before the pandemic. "The consequences will be historic," French President Emmanuel Macron said. ■

INDIAN ECONOMY AND TRADE TRENDS

India posts rare trade surplus in June

India's merchandise exports fell 12.41 per cent year-on-year in June at \$21.9 billion, while imports fell 47.5 per cent year-on-year at \$21.1 billion. Trade surplus for the month under review stood at \$0.79 billion against a deficit of \$15.28 billion in June 2019, official data released recently showed. For the April-June 2020 period, merchandise exports stood at \$51.32 billion, down 36.71 per cent over the \$81.08 billion recorded in the same period last year. In the first quarter of this fiscal, merchandise imports nearly halved to \$60.44 billion from a level of \$127.04 billion during the same quarter last fiscal. Commenting on the trade data for June 2020, EEPIC India Chairman Mahesh Desai said that although India's overall exports in June are down year-on-year by about 12 per cent, shipments have shown recovery when compared to the previous two months and the downside seems to have bottomed out. "As more and more markets open up, we expect further uptick in the exports in the coming months. However, FY21 appears to be full of challenges and India would surely need an out-of-box to face the global downturn, owing to the unprecedented pandemic," said Desai. Manufacturing needs to be supported in further opening the operations both by the Centre and States, he added. Aditi Nayar, Principal Economist, ICRA, said that while exports charted a recovery in June, merchandise imports continued to languish, resulting in India's trade balance nudging into a rare, albeit marginal surplus of \$0.8 billion. However, the underlying dynamics of this trade surplus remain unpalatable, given the implications for the strength of domestic demand. The contraction in merchandise imports remained widespread in June, with few categories such as medicinal and pharmaceutical products, vegetable oils and pulses warding off a de-growth in that month, suggesting that domestic demand remained constrained even during the unlock phase, she said. The import of gold was subdued in Q1, with demand restrained by both elevated prices as well as economic uncertainty amid the crisis. Demand for gold is unlikely to revive meaningfully before the festival and marriage season. With rising crude oil prices as well as some improvement in fuel consumptions, crude oil imports rose

appreciably to \$4.9 billion in June 2020 from \$3.5 billion in May 2020. □

India imported worth \$4.5 billion from China in FY19

Vendors are gearing up for higher levels of localisation in their drive towards being 'vocal for local', creating an all-new ecosystem for themselves, they said. To be sure, China simply can't be wished away, being factory to the world, some part makers said. India imported automotive components worth \$4.5 billion from China in FY19, up 7% from the previous year, according to ACMA figures. Companies such as Mahindra & Mahindra, Maruti Suzuki and Toyota Kirloskar are supporting component makers in their bid to lower import dependence, said the people cited earlier. This will safeguard against global sourcing fluctuations affecting supplies of critical parts. Mahindra & Mahindra is among those that have reduced dependence on imports at the tier-1 level to low single digits, industry sources said. "The component makers are supporting the OEMs (original equipment manufacturers) to be cost competitive and jointly working on developing technology they are otherwise forced to import," said Vinod Sahay, chief purchase officer, AFS, Mahindra & Mahindra. Stricter BS-VI emission norms introduced in April have posed a challenge for suppliers to increase the share of locally made parts. While the country will be still dependent on imports for batteries, some electronics and rare earth metals for electric motors, other components such as castings, axles and wheel rings can be locally produced, said ancillary makers. "OEMs in India are playing a significant role in handholding the component suppliers in these challenging times. It is now being extended to deepen localisation," said Lumax managing director Deepak Jain, who's also ACMA president. "We need to minimise dependence on imports not only at tier-2 and tier-3 levels (vendors of smaller parts). "We are also looking at not just component localisation but also process, machines, tooling and design engineering." Enhancing localisation requires a joint effort by auto companies and ancillary makers. "Having said that, localisation and new product development cannot happen overnight," said ACMA director general Vinnie Mehta. □

➡ June Retail inflation above 6%, more rate cuts likely

Retail inflation in India firmed up in June, breaching the tolerance band of 4% with a margin of 2% set by the Monetary Policy Committee. Miscellaneous items, clothing and footwear, and pan, tobacco and intoxicants pushed inflation up, prompting independent economists to forecast another round of monetary easing by the Reserve Bank. Inflation, as measured by the consumer price index (CPI), was 6.09% in June, up from 5.84% in March, the last official headline inflation number released by the government, even as food inflation cooled to 7.87% in June from 9.2% in May. As per experts, a decline in demand has not had any impact on prices and inflation has hardened on supply side disruptions. Though the pandemic-related restrictions were gradually lifted and non-essential activities started resuming operations, the government said: "The data collected, however, did not meet the adequacy criteria for generating robust estimates of CPIs at the state-level". The National Statistical Office also released a technical note detailing the imputed index data for April and May using the methodology recommended in 'Business Continuity Guidelines', brought out by Inter-Secretariat Working Group on Price Statistics—a combined forum of ILO, EuroStat, OECD, UNECE, World Bank and IMF—in May. It had released truncated data last three months due to data collection challenges. As per calculations from the imputed index, retail inflation rose to 7.22% in April but eased to 6.27% in May. "The headline CPI inflation for June 2020 has exceeded the upper end of the MPC's target range, posing a dilemma in terms of the appropriate policy response as the economy gradually extricates itself from the supply and demand shock created by the pandemic," said Adit Nayar, principal economist at ICRA. While inflation in urban areas was 5.9% in June, it was 6.2% in rural areas. Clothing and footwear inflation was at 3.53% and that in pan, tobacco and intoxicants was 9.7%. □

➡ Indian economy gains pace as most indicators show improvement

The Indian economy gathered pace in June with goods movement rebounding close to pre-lockdown levels and goods and services tax (GST) collections up sharply from May.

Electricity consumption rose and demand for employment under the Mahatma Gandhi National Employment Guarantee Scheme (MGNREGS) fell, suggesting better industrial demand for labour. Bank credit rose Rs 32,022 crore in the fortnight ended June 5. The government had announced a significant easing of restrictions in Unlock 1.0 that began on June 1. More easing has been announced from July 1 even though Covid-19 case have been rising. GST collections recovered to Rs. 90,917 crore in June from Rs. 62,009 crore in May and Rs. 32,294 crore in April, reflecting a rise in consumption. However, FY21 first-quarter numbers are still 41% lower than the year-earlier figure. The issuance of e-way bills, documents needed to move goods in the GST regime, rose to almost 40 million in June, just short of 40.6 million in March, indicating a sharp recovery in the movement of goods. India imposed a lockdown on March 25 to curb the spread of Covid-19. The purchasing managers' index (PMI) recovered to 47.2 in June from 30.8 in May. A reading above 50 on this survey based index reflects expansion while that below implies contraction. "These sectors indicate that economic activity is picking up from June onwards as containment zones no longer extend to entire districts and also that the economy is on an upward trend from the troughs of the lockdown period," said Chandrajit Banerjee, director general of the Confederation of Indian Industry (CII). □

➡ Trade talks held between India & EU

India and the European Union (European Union) committed to a framework for strategic cooperation until 2025, and vowed to cooperate on their response to the coronavirus pandemic and at the United Nations Security Council. The assurances came as Prime Minister Narendra Modi held talks with European Council President Charles Michel and European Commission President Ursula Von der Leyen via videoconference recently. In a new initiative to revive talks on a free trade agreement that have been suspended since 2013, the two sides announced a "high-level dialogue" between Commerce Minister Piyush Goyal and EU Trade Commissioner Phil Hogan to try and take the Bilateral Trade and Investment Agreement (BTIA) forward. ■

Textile sector opts for a vision and mission

Prime Minister Narendra Modi has embraced 'atmanirbhar' or 'self-reliance' as a development strategy to reboot the Indian economy. It is about tapping India's inherent strengths to emerge stronger as a nation, economically and otherwise. Policies are being reshaped in line with this philosophy and the most recent are the schemes with incentives worth ₹50,000 crore announced to make India self-sufficient in the electronics sector, especially in the manufacture of mobile handsets.

Though the country can boast that 97 per cent of its mobile phone demand is met locally, the worrying part is that 88 per cent of the components that go into a handset including the display, printed circuit board and the chip sets are imported. The value of these imports has been rising so rapidly that it has begun to impact the balance of payment position. The scheme seek to attract investments from global handset component players and create a strong domestic supply chain which will not only reduce the dependence on imports but also make India a global handset manufacturing hub. Today, a negligible share of the handsets manufactured in the country are exported.

The larger vision of a 'Atmanirbhar Bharat', thus, is not just import substitution but to build capacity for manufacturers in India to dominate the global market. While pursuing such a policy will, no doubt, boost the country's manufacturing and exports, the government should not lose sight of sectors which are already self-reliant and can, with a little help, play a larger role in the global market. The textile sector is a case in point.

If there is one sector in the country that is self-reliant end-to-end, it is textiles. Unlike Bangladesh and Vietnam or for that matter China, which are dominating the global textile market, India has abundant supply of raw material. It is the largest producer of cotton, accounting for 25 per cent of the global output. It is also the second largest producer of man-made fibres — polyester and viscose. Over the years a large spinning, weaving and apparel making capacity has been established to convert the raw material into end-product. Labour availability is plenty and, most importantly, a strong domestic market exists.

But the sector, which accounts for seven per cent of India's manufacturing output, two per cent of GDP, 12 per cent of exports and employing about 10 crore people, has been stagnating in recent years.

Its exports have remained at the \$40-billion level for the last six years (it briefly touched \$42 billion in FY15).

The share of textiles in India's overall exports has declined from 15 per cent in FY16 to 12 per cent in FY19. Relatively newer entrants like Bangladesh, Vietnam and Cambodia have gained substantially during this period. Bangladesh's apparel exports have risen from \$26.60 billion in 2015 to \$33 billion in 2019. Vietnam, in a short span of time, has grown to become the third largest apparel exporter in the world. On the other hand, India's apparel exports declined from \$18 billion in FY17 to \$17 billion in FY19.

Internal factors, more than competition, are responsible for the stagnation of India's textile exports.

While India's spinning capacity is of a global scale, the same cannot be said about weaving and apparel making. In fact, apparel units in the country have an average size of 100 machines. Compare this with Bangladesh which has on an average of at least 500 machines per factory.

Apart from lower labour cost and tariff benefits on account of it being a 'least developed country', the better economies of scale makes Bangladesh imports highly competitive vis-a-vis India. The only way India can overcome this challenge is by setting up mega apparel parks close to ports with 'plug and play' facilities and common infrastructure for effluent treatment, etc. This will help Indian players scale up faster at lowest cost and maximum efficiency in operations.

Indian policymakers have always favoured cotton. Not surprising, as 5.8 million farmers are engaged in cotton cultivation. GST on cotton is uniformly 5 per cent for fibre, yarn and fabric. But not so for man-made fibres (MMF), which are taxed at 18 per cent for fibre, 12 per cent for yarn and 5 per cent for fabric. This inverted tax structure makes MMF textiles costly. This explains why it accounts for just \$6 billion of the \$39-billion textile exports.

But what has complicated the situation is the global shift in fashion towards MMF. Today, 72 per cent of the global textile fibre consumption is MMF. From 48.2 million tonnes in 2010, end use of non-cotton fibre across the world is expected to increase to 94.3 million tonnes by 2025. To be a serious player in the global market, India needs

Textile sector opts for a vision and mission

to have a fibre neutral tax policy. Also, there is an imminent need for an MMF Mission to upgrade the industry's skill when it comes to non-cotton textiles.

Preferential Trade Agreements, including FTAs, help gain duty-free access to large textile markets such as the EU, Australia and the UK which, otherwise, levy 12-14 per cent import duty. They will help Indian players counter Bangladesh which, as a 'least developed nation', gets duty-free access. Vietnam has just signed an FTA with the EU and its apparel exports will also suffer no duty from September. But India's FTA negotiation with the EU has remained suspended since 2013 after 16 rounds of talks. Wide differences, especially in opening up the automobile and wine sectors, is the reason.

An India-Australia Comprehensive Economic Co-operation Agreement has been in the works for

eight years (Australia wants greater access for its agri exports). The British government has indicated that the UK-India FTA post-Brexit (a \$3 billion opportunity) is not a priority due to high-value trade disputes the two countries are involved in. The government should look through the prism of 'atmanirbhar' to adopt an appropriate 'give and take' policy and sign the FTAs. Job creation can be an important metric. Every \$1 billion increase in textile exports adds 15 lakh jobs.

India needs a fresh blueprint for the textile sector. Once that is drawn up, the country needs to move into mission mode to achieve it. 'Atmanirbharta' will not be possible if the government fails those sectors that are already self-sufficient and capable of dominating the global market. ■

Fashion & Apparel Cos still grappling

Hit by the nationwide lockdown, India's fashion and apparel sector has recovered only 35% of sales compared to January levels, according to data released by Redseer Consulting. Fashion sales in January stood at \$7 billion, or \$85 billion annualised, the report said, adding that the dip was the steepest in April, when sales fell to 10% of January levels.

As offline retailers continue to grapple with low footfalls in high-street destinations and malls, even online platforms have failed to match pre-Covid-19 demand in the fashion category. Offline fashion sales, including those from organized brick-and-mortar stores, fell from around 92% in January to 88-89% by mid-June, the data indicated.

Despite sluggish consumer demand, online channels gained share. The report said online reach for fashion inched up substantially from 7% to 11% over the past seven months, albeit in a truncated market.

"Fashion category has witnessed the slowest recovery post-Covid-19 compared to other categories," said Mrigank Gutgutia, director at Redseer Consulting and Research.

Online fashion recovered sales to about 64% of January numbers by mid-June, but all other

e-tailing categories have performed better than pre-Covid-19 levels, it indicated.

"This year is about surviving with minimum impact and emerging stronger from the crisis at hand," said Abhishek Ganguly, managing director of Puma India. "I feel sportswear and athleisure would be one of the categories which would see quick revival," he added. To get consumers into stores, struggling retailers and brands are banding together to seek a standardized safety protocol for apparel, said Arvind Mediratta, chairperson, retail and internal trade committee at industry body Ficci.

"Despite all the safety measures in stores, consumers are reluctant to enter trial rooms. There is a suggestion to partner with the government and come out with a protocol (like an ISI mark equivalent) which says apparel is certified safe to wear. Unless that reassurance is given by the government, this category will continue to struggle," Mendiratta, who is the managing director and CEO of Metro Cash & Carry India said.

The fashion industry's only hope of bouncing back will be around the upcoming festive season, said the chief executive of a top fashion brand who did not want to be named. "It is a bloodbath, and everyone is in deep red," he told recently. ■

Textile companies in race into antiviral garments

With the coronavirus (Covid-19) pandemic abating, companies are turning to preventive measures to boost their revenues.

To cater to the antiviral fabrics and antimicrobial segment, almost all the Indian big textiles brands, including Reliance, Arvind, Aditya Birla, Donear Group, Raymond, and Siyaram have entered the market, which is expected to surpass \$20.5 billion by 2026, globally.

Companies started their journey with reusable masks and personal protective equipment (PPE) kits, and today, they are offering a range of PPE clothing along with fashion and casualwear. Research shows that viruses and bacteria can remain active on textile surfaces for up to two days.

Peter England, a menswear brand from the ₹8,743-crore Aditya Birla Fashion and Retail, has collaborated with Switzerland-based HeiQ to bring the unique HeiQ Viroblock fabric technology to India. Under this collection, Peter England will be launching workwear, loungewear, and face masks. Antiviral apparel starts from ₹1,800.

Arvind will start manufacturing antiviral shirting and suiting material, readymade garments, and face masks. It has partnered textile innovation firm HeiQ Materials AG, in association with Taiwanese specialty chemical major Jintex Corporation, to introduce the anti-virus technology in India.

The company will create these products using the newly launched antiviral textile technology in India under its brand Intellifabrix.

Carlo Centonze, chief executive, HeiQ Group, said, "HeiQ Viroblock is a special combination of our advanced silver and vesicle technology that has proven effective against Covid, with 99.99 per cent reduction of virus within 30 minutes."

Kulin Lalbhai, executive director, Arvind, in an interview, had said that, while initially, products would be launched under the Arvind Intellifabrix brand, the company will extend it to other consumer brands in its portfolio. Arvind markets brands like Arrow, US Polo Association, and Flying Machine in India, among several others.

The company is targeting around 10 per cent of the annual menswear sales of Arvind Intellifabrix of about ₹1,000 crore from this fabric.

Donear Group has collaborated with menswear brand Zodiac to launch antiviral shirts called Securo. The company claims its technology kills

99.997 per cent coronavirus on fabric within 2-5 minutes. Prices start from ₹250 per metre for shirting, and from ₹400 per metre for polyviscose and slightly higher for wool blends.

Rajendra Agarwal, managing director, Donear Group, said demand for such products has shot up and it is coming from across the country. He added, these products would cost 10-15 per cent more than other products.

Raymond, India's largest integrated worsted suitings maker, said it is utilising its garment manufacturing factories in Bengaluru to manufacture PPE products, including coverall suits and masks, which are currently being supplied to government, corporate sectors, and hospitals.

Siyaram, one of most well-known fashion textile brands, has launched its anti-coronavirus range of fabrics. The fabrics, launched to fight against the spread of Covid-19 outbreak, have been tested by World Health Organization approved laboratories.

The new anti-coronavirus fabric provides protection from the virus and is developed in association with Health-Guard, an Australia-based firm.

Loyal Textile Mills, earlier this month, launched Viral Shield, a line of Covid-19 antiviral, reusable PPEs, masks and protective fashionwear range. The series has been launched in collaboration with Reliance Industries and HeiQ from Switzerland.

"The coronavirus disintegrates quickly within hours on porous surfaces like fabrics. The masks are used to prevent viral droplets to escape and spread of infection. Apart from the use of fabric for making masks, there is no data that the fabric has antiviral property that can kill the virus instantaneously, said Dr Manoj Goel, director and unit head, pulmonology, pulmonary critical care & sleep medicine, Fortis Memorial Research Institute, Gurugram.

"Antimicrobial clothes are talk of the town now. We don't have enough scientific data on whether people using them get less infections compared to other. We must also understand that for infections such as Covid, clothes are not the main mode of transmission. It is doubtful that these fabrics, even if antimicrobial, will be able to reduce the transmission of infectious diseases," said Dr C Jagadeesh, senior consultant in internal medicine, Apollo Hospital in Chennai. ■

The Abolition of Handloom Board does not mean problems to have been gone away

In recent post India celebrated the National Handloom Day on August 7, the All India Handloom Board (AIHB) was abolished through a terse July-27 notification that said the step was being taken in pursuance of the “minimum government, maximum governance” maxim. When asked about the implications of this step, a former textiles secretary said : “Oh ? Was there a handloom board ? Really ? When was it abolished ?”

Activists describe the board as a *chai-samosa* setup that served basically to “oblige” Tier 2 workers and sympathisers in political parties. “TA DA mil jaata tha. Delhi ki trip ho jaati thi (they’d get travel and dearness allowance and get to make a trip to Delhi)—a small honorarium. But even if members said sensible things, their suggestions didn’t always make it to the policy,” says a bureaucrat who has served in the Ministry of Textiles.

Laila Tyabji of Dastkar has a different view. “All these years, it (AIHB) remained the one official forum, however watered down, where the voices and views of weavers and craftspeople could be expressed directly,” she says. The board was “one place where representatives of the sector were present in considerable numbers, and were empowered to advise the government in policy and sectoral spending. Spaces where people can interact directly with the government, or be part of their own governance, are becoming fewer in number. It is worrying.”

Umang Shridhar, who runs KhaDigi, a group that brings weavers in Madhya Pradesh together to produce and market *khadi* and *chanderi*, says : “There are 11 million handloom weavers in India. What would it have cost the government to hold consultations with some before dismantling this body ? It is so easy to tear down, so difficult to create.”

Handloom policy expert D Narasimha Reddy is even more trenchant. “The reason given for the abolition is that it is part of ‘minimum government and maximum governance’, a leaner government machinery and the need for systematic rationalisation of government bodies. This argument is specious. The All India Handloom Board was the only institutional interface between the government and handloom

weavers,” he says. “The expenditure on it is hardly ₹100,000 per year. The handloom sector’s turnover is a whopping ₹100,000 crore, higher than many of the industrial sectors. What was needed was the reconstitution of the board with a mandate reflecting the needs of policy-making, monitoring, review and public hearing functions.”

This much is true : That the AIHB may have felt strongly about the myriad problems facing the handloom sector and might have been powerless to intervene. But its abolition doesn’t mean the problems have gone away.

The biggest problem is certification. What constitutes “handloom” and “*khadi*”? Is all handloom *khadi*? The AIHB had no provenance over certification of handloom. That was done by a committee in the Ministry of Textiles. And the Khadi and Village Industries Corporation (KVIC) is the sole body to certify a fabric as *khadi*.

But the *khadi* and handloom producers’ universe was shaken to the core when in 2018, KVIC slapped a case against well-known handloom and handicraft retailer Fabindia in the Bombay High Court demanding damages amounting to ₹525 crore for “illegally” using its trademark *charkha* and selling apparel with the *khadi* tag. It sought an “unconditional apology” and a written undertaking from Fabindia that it will not deal in any *khadi* or related products bearing the *khadi* trademark.

Fabindia complied. But activists point out that much of the fabric the company procured was from KVIC. Shridhar says, “Many of the designers who buy fabric from us — we have *khadi* certification — became wary. What if tomorrow the KVIC filed a court case against us ? Or the designers ?”

The fact is, once certification is obtained, there is hardly any check on whether the product sold is *khadi*, handloom or whether powerlooms have been used to produce it.

Here lies the rub. “A handloom artisan might work for days to produce fabric that is woven purely by hand. But if he used powerloom to partially produce the same fabric, the cost naturally comes down. So handloom becomes uncompetitive,” Shridhar says.

The Abolition of Handloom Board does not mean problems to have been gone away

Given a chance, the All India Handloom Board might have taken this issue up and thrashed it out, forcing a policy intervention. But for the last six years, says Shikha Tyagi, an expert in the field, there have been no meetings of the AIHB. She also says the handloom sector is spread over many ministries and none has the responsibility of overseeing it. The Ministry of Mini, Small and Medium Enterprises (MSME) has jurisdiction over one part of handlooms. Some part of the sector comes under the Ministry of Textiles and

some under the Ministry of Rural Development. And then, of course, there is the KVIC, which is a kingdom unto itself.

When Nitin Gadkari was president of the Bharatiya Janata Party, the party had announced it would set up a handicraft. The promise was included in the BJP's manifesto in 2014.

Instead of doing that, the BJP government has abolished the only institution that took into account the voice of the *karigar*. ■

Apparel retailers to face brunt of lockdown in Q1 as sales slump

After a weak March quarter (Q4), apparel retailers are expected to face the brunt of the lockdown in the June quarter, with revenues falling over 80 per cent as compared to the year-ago quarter. Unlike retailers, such as Avenue Supermarts, which get a majority of sales from groceries, apparel retailers have been operating with a minimal number of stores and are held back by ongoing restrictions.

With just one month of sales in the quarter, analysts at Antique Stock Broking believe that general trade and e-commerce gained market share at the expense of modern trade, as consumers avoided crowded places.

The June quarter also saw e-commerce majors launching sales, which dented the revenue of retailers.

While retailers such as Aditya Birla Fashion Retail (ABFRL) and Shoppers Stop could see revenues fall by 75-80 per cent, the sales decline for Trent and V-Mart Retail is pegged at 60-68 per cent. V-Mart's predominant presence in non-tier 1 locations which are less impacted, is expected to help limit the revenue loss. Analysts expect value retailers to do better than branded and lifestyle players. Apparel retailers with presence in malls as compared to standalone and high-street stores were impacted more, as

they were allowed to open only in the fog end of the quarter.

For apparel retailers, the sharp decline in sales has coincided with a number of store additions in FY20, which can weigh on their performance.

To limit the impact on financials, companies have been looking at ways to cut costs by asking for a waiver or lower rentals for the duration of the lockdown.

Analysts expect rentals to come down by 20-40 per cent. Further, retailers have been bringing down the headcount as well as restructuring remuneration, which is expected to reflect partly in the June quarter with a full effect visible in the September quarter.

However, despite the cost reduction, analysts at Motilal Oswal Financials Services believe that the revenue impact would far outpace the cost reduction and most retailers are expected to post losses at the operating profit level.

While Shoppers Stop and Trent are expected to post operating losses to the tune of ₹40-50 crore, ABFRL may post losses of ₹147 crore, according to analysts at Edelweiss Research.

Given the negative operating leverage, which is more acute in the case of apparel retailers, investors should avoid these companies. ■

THE CRISIS IN BHIWANDI POWER LOOM SECTOR

B. Basu

Visiting Faculty : VJTI, Mumbai - 400019

Abstract

India manufactures 5% of cloth through organized sector, 20% through Handloom sector, 15% through knitting sector and 60% of Indian cloth is produced through decentralized power loom sector. The decentralized power loom sector is the lifeline of Indian Textile Industry. India is having approximately 19.42 lakhs of power looms weaving almost 19,000 million meters of fabric and provides employment to more than 7 million workers. The industry now produces wide range of fabrics ranging from grey, printed fabric, dyed fabric, cotton fabric, various mix of cotton, synthetic, and other fibres. The country exports Rs. 44,000 million worth of goods to countries like U.S.A., France, Germany, Bangladesh, Hong Kong, Italy etc.

Bhiwandi has approximately 6.5 lakhs power looms, which is 33% of country's total power looms. Out of that 6.5 lakhs, about 15-20,000 looms are Automatic and mostly Chinamade Rapier. (about 2.5%). Turnover of this segment is projected to be around Rs. 10,000 Crore annually. With approximately 1.6 lakh customers, this industry is spread across 700 sq.km area (3).

Today, Bhiwandi is having 24,500 units, producing 5 billion meters of cloth per month, yarn Dyeing unit 20, Fabric Processing 40, Sizing units 100 and RMG 250. (Source: Survey)

Key words : modernisation, power cost, Skills, textile industry, yarns.



The agitated power loom owners

1. Introduction

The role of the Bhiwandi Power Loom sector in relation to the mass and cheap cloth Production and massive employment especially of the medium to low qualified people can not be ruled out. It is one

of the oldest decentralised power loom sectors in India. Being nearer to the Bombay Textile Market and Port, it has gained its importance and fame.

Today 40% of the Power looms are closed (Times Mumbai 3.10.19, see in next page) and there is very much uncertainty prevailing. GST, Demonetization etc are added fuel to their everlasting Crisis. Old machineries, lack in technical knowhow and commercial knowledge, hunger for the loans and subsidies, fluctuating yarn prices are the root causes to swell out the crisis in larger way. On the other hand, those who are quality producers having Auto looms are not unhappy except that of high-power tariff and poor infrastructures. Proper support and Technical Advices by the TRA's would have improve their sustainability to a great extent.



A closed power loom shed

2. Brief history of Bhiwandi textile industry

- » Bhiwandi is well-known name on the textile map of the country. It has the distinction of having a big concentration of cotton textiles & also majority of man-made textile units. Another distinction is that both the textile items are entirely in the decentralized sector. Bhiwandi believes "small is beautiful". Various types of textile fabrics manufactured in Bhiwandi are sari, shirting, dress materials etc. At present Bhiwandi produces 10'000 Mn meters of greige fabric per annum on maximum utilization of looms installed & total numbers of install looms are about 9.5 lakh but now reduced to 6.5 lakh.
- » Bhiwandi is a commercial city in the Thane District of Western Maharashtra. This city is on a major link between Mumbai and the rest of India through Mumbai-Agra highway.

THE CRISIS IN BHIWANDI POWER LOOM SECTOR

- » With the decline of textile industry in Mumbai after the Strike called by then Trade Union leader Dr. Datta Sawant in 1982 Bhiwandi became an industrial attraction due to the convenience for transport and 24 hr power supply. Bhiwandi produces and transports most of the Power loom for textile industry all over India. All the major multinational companies in India have got their godowns in Bhiwandi, since it is in an octroi-free zone.
- » Bhiwandi is the second largest cluster of synthetic fabric manufacturing from power looms and is known for its power loom industry—it accounts for around 9.5 lakhs (installed) out of 65 lakh looms in the country.

3. The factors affecting the Progress

3.1 Yarn Prices⁽¹⁾

The manufacturers in Bhiwandi are plagued with cheap Chinese products. Traders have to pay a duty on ready-made stock produced in Bhiwandi whereas Chinese products are exempt from it. The Indian cloth became costly due to vacillating polyester yarn prices with 12% GST, high electricity charges and duty imposed by the government. Chinese manufacturers are at an advantage as China provides material at low prices. About 35% looms in Bhiwandi have closed down and more than 2.5 lakh people have migrated to other places in pursuit of their livelihood. (As per the Times, Mumbai dated 2.10.19 that 40% looms are silent now. Please see the attachment below). The prices as well as the supply of yarn should be balanced or reshuffled on a regular basis (fortnightly), then there could be some relief. The GST for the cotton is 5% but both the cotton and polyester should be equal.

Intekhab Alam Ansari, a labourer associated with a power loom, said that his forefathers were also associated with the power loom sector and claimed that 15 years ago the price of yarn was changed monthly but now there was no control over the price of yarn. Alam said that there was no fixed price, quantity or quality mark on the boxes of yarn and yarn traders had been given a free hand to change prices at any time. The loom owners had no option but to follow prices and sell products in the market with the rate fixed in advance by ready-made purchasers.

Suhail Ansari, president of the Panchpeer Islampur Quresh Power Loom Association (PIQPLA) said that price of yarn should be fixed,

and price changes cannot be made more than once in a month. Faizan Azmi, president of the Maharashtra Power Loom Federation, said that black marketing in cotton and cotton yarn supply badly hit the industry. For years they had been demanding the government to assess the situation but neither the previous nor the current government had shown any interest in the matter.



The power loom owners claim that ups and downs in the yarn prices were a gamble and they incurred enormous losses. Such unstable economic situations make it difficult for them to pay salaries on time.

3.2 Bad working condition

They reduced the workforce in order to tackle some of the losses they incur on a daily basis. Nothing much can be done, since decline in the local textile industry augmented problems.

Sensing inhuman work conditions in the looms, the young generation has shied away from taking up employment in these units. Educated young people take up jobs in corporates and various organisations and earn in a month what their parents were earning in a year. The youths who are less educated were looking for other businesses rather than thinking of joining looms. A mass of them are shifting to the newly built Warehouses at nearby areas with higher wages and better working atmosphere.

THE CRISIS IN BHIWANDI POWER LOOM SECTOR

A federation of various smaller organisations of loom workers, working under the banner of "Sangharsh Samiti" is trying to address the issues faced by the power loom industry. One hopes that the authorities will take heed to improve the financial and social condition of this industrial town and protect the livelihood of the many labourers who depend on the power loom industry.

Poor infrastructure, bad roads, haphazard way for growing the loom shed, tremendous traffic chaos in the city, unhealthy working situations brings the youths Not to take up a job as a weaver in the loom shed.

3.3 Silence of the looms⁽²⁾

The power loom sector in Bhiwandi, Maharashtra, bleeds from demonetisation and GST.

If India Inc has been reporting losses and its head honchos have been speaking out against Goods and Services Tax (GST) and the after-effects of demonetisation, it does not take much to imagine the situation of small businesses. Backed by financial and technical resources, big businesses have managed to roll with the punches and are likely to land on their feet, but small businesses have had to deal first with the sudden shock of demonetisation and then the red tape of the world of GST. In Maharashtra, the plight of Bhiwandi encapsulates what demonetisation and GST have done to small businesses.

The nightmare of demonetisation as experienced in the rest of the country kept snowballing until finally in December 2016, Bhiwandi's looms were switched off: there was a paucity of workers, and a cash crunch ensued because of no-sale, no-purchase. The situation was bad enough for Union Textile Minister Smriti Irani to visit Bhiwandi and assess the situation, after which work resumed.

The power loom industry had been on a downward spiral for some years. About 30 per cent of the looms had shut down over a two-year period because of unstable yarn prices, high export duties and competition from China. But "never once did we think Bhiwandi's future was dark," says Mohsin Mohammed Tarir, who owns about 100 power looms, "but this time we have doubts about the survival of the entire industry."

3.4 Power Cost

The Power cost in cluster is around Rs. 8.25 to Rs. 8.30 per unit. However, the government provides a power *subsidy of Rs 3.00 per unit so the net power

cost to the company is about Rs. 5.25 – Rs. 5.30 per unit. * Till now it is limited to the Dyehouses. They have the allegations that it requires to grease the palm of the concerned officers to get the subsidy.

- ❖ The cost of water is Rs. 17 per cubic meter without any subsidy provided by the government.
- ❖ There is no CETP (common effluent Treatment Plant) in the Cluster which is big challenge for the industries in the cluster.
- ❖ However, the power situation is very good now with hardly any power cut of 2-3% only. (SOURCE: survey)

3.5 Modernisation

The Ordinary power looms are as old as 50 years and most of the Auto looms are 2nd hand and also the older. Hardly anyone is having Humidification Plant to run the Looms efficiently. To compete in the global market, it requires good mc. Good raw material, and skilled manpower. The owners expect incentives for the modernisation. The TUF though implemented but the weavers say that they are yet to get the refund (survey as on August `19). The office of the *Commissioner of Textile who take care of the TUF say that the fund is ready but because of the incomplete Data, it is taking time to process.

The weavers say that the Banks are not coming forwards in support of them. The *TC office says that Bank loan etc can be granted subject the proper feedback and clear records.

3.6 Skill workforce not available

To operate the looms especially the Auto looms, it requires skilled operators which is not available. The power loom service centres were not capable to train the labour force properly. ISDS was not the successful mission at all. (the author was the man behind the setting up of the ISDS at the Power loom service centre hence well aware of the facts). More service centres are required to strengthen the Power loom sectors as the weavers conclude.

3.7 Non availability of the special yarn

For any new Product development, it requires special yarn supplied by the polyester Yarn manufacturers (say for example: 1200 denier Micro, or FD of 108 filaments), but they do not supply any small quantity. Hence, it is demanded by the weavers to have R&D centres for the new Product developments.

THE CRISIS IN BHIWANDI POWER LOOM SECTOR

3.8.1 The less Export Potentiality

Some prominent weavers say that they are capable to do Exports as they are quality producers having Automatic looms. As on today (Sept'19, survey), hardly any one directly exports to any country. The Exporters purchase the quality fabrics from the weavers and send to various countries. They are mostly the Traders and the Producers do not get any profit share.

3.8.2

The prominent power loom owners say that there is no proper modern Dye House in Bhiwandi who can give proper finishing on the fabrics that can be Exported. The Present Dye Houses are not well equipped nor follow the Pollution norms strictly.

3.8.3

The Garment manufacturers are also in the opinion that because of the huge incoming of cloths from Bangladesh, China (via Bangladesh), they are suffering a lot.

3.9 The local Administration

There is a good demand among the prominent owners that there should be good labour laws so that they can be retained after gaining good experiences.

The Factory owners also expect good pollution control system at Bhiwandi area.

4. The road ahead

The problems and the worries at Bhiwandi Power loom sectors are ever remaining since the inception and time to time the problems enhance and reduce also. There should be regular meetings with the Loom owners, Yarn suppliers, State Administrators, municipality and Textile Commissioner office to resolve the problems on priority basis than to blame each other's.

4.1 Strength

- ✧ Varieties in developments are in progress.
- ✧ In comparison with the Organised sectors, they are better in manufacturing cheaper varieties.
- ✧ Enough labour availability – Rs.11000 to 18000 (12 hours) average wages for skilled workers
- ✧ Good Raw material (yarn) quality. Polyester Texturised & Polyester Blended are available round the year.

4.2 Weakness

- ✧ Poor Infrastructure with bad roads & no separate road for goods vehicles.
- ✧ Labour cost higher than Bangladesh. Labours are not stable.
- ✧ The payments are not easily available.
- ✧ The Garment sectors are better managed in Bangladesh and by the lady workers, here it is different.
- ✧ No Processing unit in nearby areas.
- ✧ No innovation in fibre variety by leading suppliers like Reliance.
- ✧ High lending rate (12%) & Bank refusing loans to Textile Units, More Incentive & funds required from banks for modernisation of Machinery.
- ✧ Subsidies are not getting released in time including TUFs even after 3-4 years of time.
- ✧ There is almost no service Centre at Bhiwandi. More updated service Centres with R&D are the need of the hour.
- ✧ Most of the Power loom owners do not have the quality Conception, loom maintenance procedures at lower cost and the effect of the Humidification Plant.

4.3 Opportunities

- ✧ India being a very big market, scopes to develop as per the taste of the people. High level of flexibility in weaving units for various types of textiles.
- ✧ Technical Textiles are coming out.
- ✧ Innovative Fibre Production.
- ✧ Skilled supervisory and management.
- ✧ Export potentiality is there.

4.4 Threat

- ✧ Dumping of goods by China through Bangladesh. Import of yarn.
- ✧ Fabrics, Readymade from China & Bangladesh.
- ✧ New varieties of yarn like micro fibres not always available.
- ✧ Latest innovations in Finishing. – Wrinkle proof, smooth finish & dimension stability are with the Modern Dye Houses and the Organised sectors are taking benefits.

5. Survey Report that indicates crisis

We have collected the feedback from the College of Management, Bhiwandi after doing a Survey

in collaboration with the loom shed owners of Medium size that "Factors Affecting the closer / Suffering of Bhiwandi Power Loom Sector" The results are given here.

Sr. no	Factors affecting	% of yes	% no
1	High Cost of Production	82%	18%
2	High Cost of Raw Material	70%	30%
3.	Facing Market Competition	41%	59%
4.	Management not willing to Run the Industries and like to Convert in more lucrative Industry	53%	47%
5.	Labour Unrest	59%	41%
6.	Financial Crisis	94%	6%
7.	Not getting Proper Support From Textile Ministry, Bank.	88%	12%
8.	Not Modernised	70%	30%
9.	No new Product Developments	53%	47%
10	No R&D	82%	18%
11.	Unprofessional Management	76%	24%
12.	Unskilled / Untrained workforce	65%	53%
13.	Factory situated at unsuitable Place, where raw material, labour, Water, electricity, are not available Very easily. Need to spend money On transportation.	82%	18%
14.	High power cost	88%	12%
15.	Poor Marketing Strategy	76%	24%
16.	Poor mission/vision/strategic Planning	82%	18%

Some suggestions are received : (i) Union is too rigid (ii) Bad road condition damage the raw material and finished goods (iii) Torrent Power is charging high and no proper services / facilities are provided. (iv) Labours demand high salaries time to time (v) Needs to produce quality materials. (vi) There should be more export (vii) Some feels that salary of the labours is to be increased.

My conclusions. (i) It is just a guideline how the Bhiwandi Power Loom Industries are sufferings (ii) More elaborate studies can be conducted by Combine efforts of the college and myself. (iii) Then this paper can be published in International journal. (iv) More suggestions, guidance's can be taken from the Commissioner of Textile. (v) Financial help to conduct this Project can also be taken from the Ministry of Textile.

6. Conclusions

- ❖ The existence of the Bhiwandi power loom sector is must for the safeguard of the employability and to produce the cheaper varieties of the cloths.
- ❖ The Polyester Yarn manufacturers are having the mushrooming business in this decentralised sector.
- ❖ The consistent yarn price should be there to fixup the fabric manufacturing cost.
- ❖ The Special product of yarn should also be available to produce special varieties of the fabrics.
- ❖ There should be good Service centres with R&D facilities. There is no proper service centre as on today.
- ❖ Modernisation should be supported by the Ministry and proper facilities are to be provided.
- ❖ The training centres should be capable to teach about the quality conception, better maintenance procedures with lower cost and the usefulness of the Humidification Plant.
- ❖ The skill labours, good labour laws, facilities to the work force are required.
- ❖ There should be ultra-modern Dye Houses to be established in Bhiwandi area to enhance Export potentialities.
- ❖ The subsidies in power supply is in good demand and they need proper support from the state Electricity Board without any corruption.
- ❖ There should be proper roads for the smooth movements of the vehicles.
- ❖ The GST on the polyester yarn can be brought down at par with the Cotton yarns.
- ❖ Those who are having auto looms and quality producers are less in crisis.

7. References

(1) Tales of Bhiwandi (economic and political weekly, journal » Vol. 51, Issue No. 16, 16 Apr, 2016 » Tales of Bhiwandi) Trouble in the Power Loom Town

Shirin Dalvi is a journalist and former editor of the Mumbai edition of Awadhnama, an Urdu daily.

(2) Front Line, 13th Sept '19 By Lyla Bavadam

(3) Victims of New Economy and Crisis in Power loom Sector (Bhiwandi Nizampur Municipal Corporation) . Gazala Bhoje (Assistant Professor, Department of Sociology, K.M.E. Society's G.M. Momin Women's College, Rais High School Campus, Bhiwandi, Dist: Thane, India. ■

DEVELOPMENT OF WOMEN ENTREPRENEURS IN INDIAN TEXTILE INDUSTRY

Pooja Kanodia, Research Scholar
Dr. Sunita Dixit, Assistant Professor
Dept of Home Science, VKM, BHU

Abstract

Women entrepreneurs may be defined as a “woman or a group of women who initiate, organize and run a business enterprise”.

“Male entrepreneurs are motivated by the potential to earn lots of money, while women start their own companies because they seek greater control over their personal and professional lives”. (Connie Glaser)

Women in business are not a recent phenomenon in India, small business and tiny cottage industries are the business where they have confided themselves with the growing sensitivity in the society. Today women entrepreneurs represent a group of women who have broken away from the beaten track and are exploring new avenues of economic participation.

Textile sector of India is one of the largest and is as old as world textile industry. The Indian technical textile industry offers vast opportunities for small and medium enterprises which plays an important role in growth. Textile industry in India is also the only industry that has employed women since a very long time. In India, from beginning garment manufacturing has always been one of the most women oriented sectors. But over the decades, women have been replaced by men in the mills and the reduction in women employment in textile sector has been quite abrupt.

Even after so many opportunities and option available for Indian women for their entrepreneurial ventures there are various constraints such as: lack of confidence, socio-cultural background, lack of awareness about financial assistance that stop women in India from becoming successful entrepreneurs. There is a need to explore & identify the talents of young women for various types of industries in order to increase the productivity in the industrial sector.

In this paper development of women entrepreneur in Indian textile industry and the problem of women entrepreneur were discussed.

Keyword : women entrepreneur, textile industry etc.

Introduction

Entrepreneurs are the people who have the courage to take the risks and make important

engagements to get a new or an existing business going, where as a woman entrepreneur is someone who is willing to pass all the hurdles of economic uncertainty and society to create something new. Entrepreneurship is a global phenomenon that has been on boost since a quite a long time. Economic development of any country is not complete only by its physical resources but also by the proper advancement and application of its human resources as well. [Sherly Thomas (2011)]

Since entrepreneurship is simulates as gender-neutral and its definition has never been based on a particular gender, therefore it can be extended to females without any restrictions. Entry of women in an organized business or women starting a new business is quite a new phenomenon. In past, women were considered inappropriate for entrepreneurship because there was a general feeling that women lack confidence and organizational skills for starting a new venture. [Dr. Kumar Prabhakar (2012)] By entering into various professions and industries, women have proved themselves capable enough and to be on par to their men counterparts in businesses by breaking the constraints within the four walls of their houses. [G. Palaniappan, C. S. Ramanigopal, A. Mani (2012)]

For a country like India, its quite important to promote entrepreneurship and self-employment, since India is troubled by the twin problems; one of increasing unemployment and the other of growing population. [Dr. Chandrashekhar (2012)] The approach of women entrepreneurship in India is a recent sensation. For instance, according to Forbes (2012) “India is a great place for women entrepreneurs, business polling and for studies. “According to the study commissioned by Dell, it was found that the ideal country for a woman starting a business in 2012 could well be India” [IBNLive (2012)]. In order to put their talents and capabilities to maximum use, women entrepreneurs should stay aware about the opportunities and chances available to them. In India, changing economic situations like liberalization and globalization have given women opportunities to become professional and take up jobs in order to secure a downright source of income. Even though women have played an important and distinctive role in Indian society but still their entrepreneurial

DEVELOPMENT OF WOMEN ENTREPRENEURS IN INDIAN TEXTILE INDUSTRY

skills have not been given enough consideration because of the lack of education, societal pressure, low status in society and mainly because of old traditional values. [Meenu Goyal, Jai Prakash (2011)]

Well established and wise firms try to put focus on 2 major problems for professional women in emerging economies; first, taking care of their aging parents and commuting. Many major companies make it flexible for their women employees to work from home. Ernst and Young, organizes family days in an attempt to show the parents what their daughters have achieved and also offer medical cover for parents. Many big companies in India, the UAE and Brazil provide services like late-night shuttle buses; female-only taxi companies etc. for their female staff members in order to avoid any inconveniences for them. [The Economist (2011)] In a nutshell, it is essential to broaden the role of women which is not only limited to her household responsibility. There are many areas which are unexplored where women can prove to be successful entrepreneurs.

Textile Industry in India and scope for Women Entrepreneurs in the industry

Textile sector of India is one of the largest and is as old as world textile industry. The Indian technical textile industry offers vast opportunities for small and medium enterprises which plays an important role in Indian economy in terms of development, employment and growth. Small scale sector has enormous opportunities since it requires less capital, adding more to its benefits are factors like government support, reservation for exclusive manufacture by small scale sector & exclusive purchase by the government, finance & subsidies, raw material & machinery procurement, manpower training, export promotion etc. [Uma Ramaswamy and SarathDavala (1992)] Textile industry in India is also the only industry that has employed women since a very long time. Women have also enjoyed the benefits like sickness benefits, security of employment, bonus, etc. while working in this industry. The gender gap in wages in manufacturing industry is one of the main reasons of the contrasting distribution of men and women workers of various branches. Moreover, in India, from beginning garment manufacturing has always been one of the most women oriented sectors. But over the decades, women have been replaced

by men in the mills and the reduction in women employment in textile sector has been quite abrupt. [Sherly Thomas (2011)]

Government schemes for motivating Women Entrepreneurs

Scheme	Beneficiary	Amount	Requirement of security	Bank provide the Loan
Annapurna scheme	Food catering business	Up to 50,000	Guarantor is required	State bank of India
Stree shakti package for women Entrepreneurs	Women who have majority ownership in a small business -Have to be enrolled in the EDP	More than 5 lakh	No security is required up to 5 lakh	SBI- run scheme
Cant kalyani scheme	Agriculture, cottage industry, small medium enterprises, government sponsored and retail trade	Up to 1 Crore	No security is required	Central bank of India
Mudra Yojana Scheme	General scheme for all who runs small units	Up to 50 lakh	No guarantors are required for loans below 10 lakh	Any Nationalised bank
Mahila Udyam Nidhi Scheme	Women who start new small scale venture	Up to 10 lakh	—	By PNB and SIDBI
Dena Shakti Scheme	In agriculture, manufacturing, micro-credit, retail stores, & small enterprises	Up to 20 lakh	Up to 50,000 are offered under the microcredit category	
Orient Mahila Vikas Yojana Scheme	Women who hold a 51% share capital individually or jointly in a proprietary	More than 25 lakh	No security is required for loans between 10-25 lakh	Oriental bank of Commerce

DEVELOPMENT OF WOMEN ENTREPRENEURS IN INDIAN TEXTILE INDUSTRY

Bhartiya Mahila Bank Business Loan	For meeting working capital requirement, business expansion, or manufacturing enterprises	Up to 20 Crore	—	Bhartiya Mahila Bank which was later merged with SBI in 2017
------------------------------------	---	----------------	---	--

Even after so many opportunities and options available for Indian women for their entrepreneurial ventures, there are various constraints such as; lack of confidence, motivational factors, market oriented risks, socio-cultural backgrounds, lack of awareness about financial assistance, administration knowledge & experience and lack of knowledge about available resources that stop women in India from becoming successful entrepreneurs. There is a need for encouragement for educated, technically sound and professionally qualified women to manage their own business, rather than depending on wage employment outlets. There is also a need to explore & identify the talents of young women for various types of industries in order to increase the productivity in the industrial sector. There is also a longing for a desirable environment for woman entrepreneurs in India to develop their entrepreneurial values and encourage them to involve more in business dealings. [Asghar Afshar Jahanshahi, Prof. Dr. Bairagi Kachardas Pitamber, Khaled Nawaser (2010)]

The Indian Ministry of Textiles has launched special schemes to empower the women engaged in the textile industry (handloom, handicrafts, silk, and power loom sectors).

The schemes were formulated on the occasion of International Women's Day.

Ministry of Textiles conducts special marketing events for women artisans on International Women's Day.

There are about 43.31 lakh handloom weavers and allied workers (third handloom census 2009-10) in the country of which 77 percent are women.

- ❖ The four schemes launched for the handloom workers are: National Handloom Development Programme, Handloom Weavers' Comprehensive Welfare Scheme, Yarn Supply Scheme and Comprehensive Handloom Cluster Development Scheme.
- ❖ 100 percent subsidy is provided to Scheduled Caste (SC), Scheduled Tribe (ST) and Below

Poverty Line (BPL) women for construction of worksheds under National Handloom Development Programme.

- ❖ SC, ST and BPL women weavers are provided 75 percent subsidy for enrolment under Indira Gandhi National Open University (IGNOU) and National Institute of Open Schooling (NIOS).

In the Handicrafts sector, there are around 7 million artisans, of which 56.07 percent are women.

- ❖ The schemes in this sector include 75 percent subsidized fee for women in SC, ST and BPL categories in NIOS and IGNOU.
- ❖ A provision of financial support to artisans in impoverished circumstances for awardee crafts persons below 60 years of age is also there.

In the silk sector, the Ministry estimates that the number of women employers is expected to increase from 43.20 lakh to 55 lakh in 2020.

- ❖ In order to reduce the toil of the women tasar silk reelers, the Ministry is supplying 4956 Buniyaad Reeling Machines by March 2019 and 10,000 machines by 2020.
- ❖ The Textiles Ministry is implementing 32 projects under its North East Region Textile Promotion Scheme (NERTPS) for the silk industry workers in northeast India to create livelihood opportunities.

This scheme is estimated to be benefitting 45,000 women beneficiaries in the silk industry of India.

- ❖ Under the Powerloom sector, 'Stand-up India' scheme is launched wherein women entrepreneurs belonging to SC, ST and BPL categories are given financial assistance of 25 percent margin money of maximum Rs. 25 lakh on the machinery cost.
- ❖ Under this scheme, the borrower has to bear 10 percent of the project cost and allows reimbursement of credit guarantee fee up to 1 percent of the loan amount.
- ❖ In order to bridge the skill gap in the textile sector, the Ministry launched Integrated Skill Development Scheme (ISDS) under which 6,41,983 women were trained since 2014-15 to 2018-19. Moreover, as many as 6,17,915 women were assessed of which 5,32,600 women were placed in the respective sectors.

There has been an addition to the number of women entrepreneurship in more developed countries and it has been growing in less developed economies as well as an apparatus for women to survive, help and support their families [Gordon (2000)]. Initially, the Mumbai city of India was considered to be "Manchester of East" but now due to growing urbanization there, it is becoming more of a land market. Textile industry slowly has been now pushed to other states of India, specially Gujarat and Madras which are now attracting world textile buyers. Even though India is showing a good growth of women entrepreneurs in terms of other industries but when compared with other developing countries, women entrepreneurship in India does not seem to grow in terms of textile industry. [M.Gurusamy; P.Umamaheswari; DR.N.Rajasekar (2012)]

From psychological, educational and business point of view, the development of women entrepreneur in small scale textile manufacturing industries is still at early stage. Female participation in the textile industry in Surat (Gujarat, India) has not reached an impressive amount due to lack of proper education and support. Successful women

entrepreneurs are not very readily seen in the textile industry because of absence of basic understanding of the industry which is influenced by proper channeling of information and support.

References

- » <https://kessays.com/essays/business/challenges-in-creating-textile-entrepreneurs-business-essay.php>
- » Gurusamy, M., Umamaheswari, P., Dr. Rajasekar, N., (May 2012) Women Entrepreneur Development in Indian Textile Industry. International Journal of Multidisciplinary Research, 5(2).
- » Manimakalai, G., & Kavitha, S., (Dec 2014) A Study on Business Opportunities for Women Entrepreneurship in Textile Industry. International Journal of Textile and Fashion Technology, 6(4), 1-4.
- » <http://www.thebetterindia.com/185591/women-entrepreneurs-govt-scheme-business-loans-benefits-india/>.
- » <https://perfectsourcing.net/news/textiles-ministry-launches-women-empowerment-schemes>. ■

Spinning mill to move to inventory pile-up : ICRA

The cotton spinning sector is in for a tough year ahead with an expected 25-30 per cent fall in revenue and 3-4 per cent drop in operating margins this fiscal amid Covid-induced disruptions in manufacturing activities.

This apart, weak demand in downstream segments such as fabrics and apparels will take a further toll on the sector. The disturbing trend in the sector follows an estimated 5-7 per cent slide in revenue and 2.50 per cent dip in operating margins last fiscal.

As per an ICRA note, the business outlook appears adverse due to an inventory pile-up across the value chain, which is likely to keep demand from the downstream segments subdued and working capital requirements high over the next few quarters. Jayanta Roy,

Senior Vice-President, ICRA Ratings, said the trend has been weak in the domestic market, where consumer discretionary spending and consumer footfalls in markets remain abysmal.

A month after the national lockdown was lifted, spinning mills' operations have not yet fully ramped up. This is despite the fact that several companies outside the containment zones had already commenced operations in April and May. Capacity utilisation for most players across the sector was at 30-40 per cent in the June quarter.

In contrast, better demand for cotton yarn in the international markets, with competitive prices of cotton in India, are resulting in better export. ■

EXPORT PROSPECTS AND MARKETS

Readymade garment exporters ask govt. for FTAs with EU, UK, US, Australia

Readymade garments exporters have asked the government to expedite free trade agreements with high potential markets such as the EU, the UK, the US, Australia and Canada which could lead to exports doubling in three years' time.

In a letter to Prime Minister Narendra Modi, the Apparel Export Promotion Council (AEPC) pointed out that due to the pandemic, India's principal export markets, including the US, the UK and Europe, were badly impacted plunging the sector into a crisis.

"An important area that can supplement your efforts in this direction is improving export competitiveness through a comprehensive review of India's trade agreements, through a fast-tracked mechanism, with EU, UK, US, Australia and Canada," A Sakthivel, Chairman, AEPC, wrote in the letter addressed the Prime Minister.

Interestingly, India has been negotiating bilateral free trade pacts with the EU, Australia and Canada for the past many years, but the deals are nowhere near conclusion because of differences over market access issues for key products.

Both India and the UK are keen to start talks on a bilateral FTA as soon as the latter formally exits the EU.

The Council pointed out that Indian apparel exports have a duty disadvantage of 9.6 per cent in the EU market as compared to competitors like Bangladesh, Cambodia, Sri Lanka and Pakistan.

Most of these countries get duty concessions under schemes such as Generalised System of Preferences (GSP).

It further said that recently, Vietnam, too, concluded a FTA with the EU and most competitors were leveraging such FTAs in a big way to enhance their cost competitiveness.

"There is an urgent need to have a level playing field in terms of market access and margin of preference in our biggest global market (the EU) and to rectify the distortion that we are suffering," the letter said marking a case for a similar or even better FTA with the UK as well.

An FTA with the US, which has a 27 per cent share in India's total garments exports, may have a significant impact on India's apparel exports to the country as on certain items like MMF-based

apparel, which India is promoting, there is a peak tariff of 28 per cent.

The council also sought Comprehensive Economic Partnership Agreements (CEPA) with Canada and Australia.

"Canada was earlier a very large market for India. We lost a substantial share of our exports because our competitors entered into trade agreements with Canada. With a CEPA in place we will be able to easily recapture the lost ground," the letter said.

Garments is one of the top export items from India and is a labour-intensive sector, but AEPC has estimated that exports have plummeted 91 per cent and 66 per cent in April and May respectively due to the pandemic. □

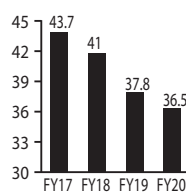
Share of labour-rich exports begins to fall

Growth of India's exports from labour-intensive sectors has been slowing at a faster pace in recent years than overall out-bound shipments, according to official data.

While exports of merchandise dropped by 5.1% in FY20 to \$313 billion, those from job-sensitive sectors—such as textiles & garments, farm, plantation, marine, gems & jewellery, leather, stone, cement, ceramic and some other allied segments—slid by 8.4% to \$114.2 billion.

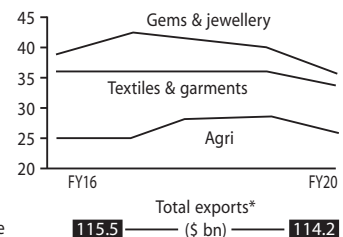
Labour response

Share in total falls
(% of goods exports)



Labour-intensive* exports include

Even absolute values decline
(\$ billion)



*Textiles & garments, farm, plantation, marine, gems & jewellery, leather, stone, cement, ceramic and allied products across these sectors

Consequently, the share of such sectors in merchandise exports came down to just 36.5% in FY20 from close to 43.7% in FY17, according to the official data. This also partly explains why not enough jobs are being seen to have been created.

The faster decline in exports from job-intensive sectors also indicates the loss of jobs in the formal and informal sectors, which are corroborated by surveys and analysis of the job market. □

EXPORT PROSPECTS AND MARKETS

Cotton trade body raised the question USDA figures on Indian stocks

Cotton trade body Cotton Association of India (CAI) has raised serious objection over the US Department of Agriculture's (USDA) assessment of India's cotton stock positions alleging a misleading portrayal of India's cotton market in the international market.

In its India-specific Cotton and Product update for June 2020, the USDA has estimated a cotton carry-over stock of 19.8 million US bales (each of 480-lb) as on July 2020. This works out to an equivalent to about 244 lakh bales (of 170 kgs each). The CAI termed it 'astronomically high' figure from the reality. The carryover stock estimated by USDA is astronomically high which is creating a perception in the international market that there is a glut in Indian cotton. Due to this, buyers get confused and reluctant to buy," said Atul Ganatra, President, CAI.

In a letter to USDA, Ganatra informed that both the Cotton Corporation of India (CCI) and CAI have estimated the carryover stock of Indian cotton at 50 lakh bales as on September 30, 2020 as against the stock estimates of 200 lakh bales by the USDA. The Cotton Advisory Board (CAB) has also estimated the carryover stock as on September 30, 2020 at 48.41 lakh bales. He requested the USDA for reconciliation of the carryover stock data of USDA with CAI.

The said misleading USDA cotton stock figures are said to have depressed the Indian cotton prices leading to a loss for the farmers.

The CAI has also written a letter to the Union Textile Minister seeking an intervention in the matter and conduct an exercise of reconciling the carry-over stock with USDA to tectric the damage.

In the letter dated July 8, Ganatra stated that the USDA's figures are "...totally misplaced and artificially depressing the prices of Indian cotton in the international markets. Indian cotton, which, on an average, used to trade at a premium of about 200 points on ICE, is currently trading at a discount of over 600 points on ICE."

"We apprehend that this false propaganda of showing excessively high carryover stock of Indian cotton seems to have been undertaken with the ulterior motive of depressing and derailing the prices of Indian cotton. This apprehension, if true, will cause a huge damage to the entire cotton and textile value chain of India," Ganatra alleged.

He stated that the cotton price last year were quoted at ₹45,000 per candy of ginned cotton (each of 356 kg) while the imported cotton quoted at around ₹42,000. □

Govt. asked for to incentivise yarn and fabric export

The 2019-2020 cotton season is expected to end in September with huge stocks, both with traders and the industry.

Ashwin Chandran, chairman of Southern India Mills' Association, said the country has never had such a high inventory at the end of the season in the recent past. Consumption by textile mills should 80 lakh bales to 100 lakh bales less than the estimate because of the lockdown and fall in demand after that.

The association estimates the closing stock to be 125 lakh-150 lakh bales. The government should come out with special package to incentivise yarn and fabric exports. Only then will demand pick up and cotton consumption increase, he said. □

Export restriction on non-woven fabric used in masks, coveralls lifted

The Centre has lifted the prohibition on export of all non-woven fabric used for production of masks and coveralls other than those in the 25-70 GSM (grams per square metre) and melt-blown categories.

In a notification put out recently, the Directorate General of Foreign Trade (DGFT) stated that the items will now be freely exportable.

Export of non-woven fabric for 25-70 GSM and melt-blown fabric continues to be in the prohibited category, as per the communication.

The DGFT had prohibited exports of textile raw materials for masks and Personal Protection Equipment (PPE) coveralls in March 2020 as it feared that there might be a shortage of the items in the country that was fighting the fast-spreading Covid-19 pandemic.

However, after several representations were made to the government from exporters of textile fabric urging that exports be allowed as there was enough raw material for masks and coverall available in the country, the government reversed its earlier decision.

On June 29, the DGFT had allowed export of PPE coveralls subject to a cap 50 lakh units per month. □

EXPORT PROSPECTS AND MARKETS

Readymade garment makers face 25-30% decline in revenues

The prolonged lockdown and lower discretionary spending are expected to reduce the revenue of readymade garment (RMG) makers by 25% to 30% this fiscal. For exporters, the drop will be bigger because of tepid discretionary spending in the US and European Union which account for 60% of India's RMG exports, an analysis of over 180 Crisil-rated RMG manufacturers, representing revenue of around ₹40,000 crore, shows.

A sharp fall in both domestic and exports demand because of the Covid-19 pandemic, lower profitability, and elongation of working capital cycle are expected to impair the credit profiles of RMG makers this fiscal. The impact will be felt more by exporters owing to higher revenue de-growth and stretched receivables, it says. □

With 80% idle capacity, non-woven fabric, mask manufactures seek permission for exports

A three-month dream run for non-woven masks makers—mostly MSMEs—has hit a roadblock with massive capacity build-up and export restrictions hammering plant utilisation to below 20 per cent.

The trade estimates a loss of around ₹1,000 crore for non-woven fabric makers and converters (masks, products makers) on account of restrictions on export of spun bond non-woven fabrics and various types of masks.

After the Covid-19 outbreak in India, companies rushed to create capacities for 3-ply surgical and N-95 masks and hit a total capacity of about 77 crore masks per month. Over 90 per cent of the capacities were created after March anticipating huge demand. But the actual consumption, as of July, remained at 14.6 crore masks per month leaving about 81 per cent of the capacities idle, thereby causing a financial stress to the investors.

The Non-Woven Federation of India, has estimated that domestic consumption of non-woven fabric for medical application such as PPE kit, 3-Ply masks and N-95 masks is around 5,200 tonnes per

month, which is 12.6 per cent of the total production capacity of 41,350 tonnes.

In March, the Directorate General of Foreign Trade (DGFT) prohibited exports of textile raw materials for masks and coveralls and surgical/disposable masks fearing shortage in the country. But on July 13, DGFT allowed exports of non-woven fabric other than 25-70 GSM (gram per square meter). Raising the industry's concerns, Suresh Patel, President of NWFI, said, "Majority of the demand is for non-woven fabric of 25-70 GSM. This policy of partially lifting of ban on non-woven fabric exports is technically not correct as there is no differentiation in manufacturing facilities on the basis of GSM. Manufacturers can make fabric of GSM ranging from 10 to 200 in the same plant with change in process speed." Patel ruled out the fears of a possible shortage of the PPE kits and masks and said "the government can reserve 50 per cent of the non-woven fabric production for domestic consumption, and allow exports of the remaining 50 per cent," he said.

"India is self-sufficient in spunbond non-woven fabric and surgical mask requirements. Hence, the restrictions on their exports do not make any practical sense," said Anshumali Jain, Vice-President, NWFI, adding that capacity utilisation of the units was 80-90 per cent before the ban was imposed in March.

The federation has represented to the Union ministries of textile, MSME and Health demanding removal of export restrictions. □

Low-value focus hindered innovations in textile sector

India gave China a run for its money in the textiles and clothing (T&C) sector in the 1970s. It lost pace in the decades that followed. While India was figuring out policies till the turn of the new millennium, China had built capitalist-like capabilities and emerged the go-to market—from raw material to garments.

India's T&C sector pales in comparison to global peers, despite being the second-largest employer (over 45 million) after agriculture. The entry of Bangladesh and Vietnam, especially in garments, only worsened matters. The industry largely

"LOOKING FOR SPINNING SPARE PARTS & ACCESSORIES"

LOGIN TO : www.tmmsma.com

EXPORT PROSPECTS AND MARKETS

comprises two products—natural fibres (led by cotton) and man-made fibres (polyester, nylon). The size of the market in India stood at \$162 billion in FY19, including exports worth \$37 billion. It has, however, been stagnant since.

According to the Confederation of Indian Textile Industry (CITI), it has the potential to reach \$350 billion—including \$125 billion in exports—by FY25. Besides policy decisions, other factors caused the failure to rise up the value chain, despite India hosting globally competitive players.

S Ganapathi, MD of Gokaldas Exports—one of the largest apparel exporters—attributes the same to the lack of three aspects. These are resources to invest in R&D, brand building, and ambition.

According to him, contrary to the global trend of investing in R&D and innovation, India's low-value focus has hindered innovation. "Global brands are investing in products that could cater to demand in 2025, despite the fact that some will not see light of the day. These brands are investing in R&D as they have the vision and ambition. Indians make good entrepreneurs, and this is a large enough market to sustain. However, products that work in India may not necessarily follow suit in global markets, given that India is still a low-value play," says Ganapathi.

Rising up the value chain or creating a global brand from India is a distant dream, given the lack of investment in R&D and brands, and the lack of global ambition, according to him.

Industry veterans P R Roy of Diagonal Consulting and Rahul Mehta, chief mentor of Clothing Manufacturers Association of India (CMAI), agree that historically, government policies on textiles and garments had forced the industry to restrict itself, with the change in mindset coming in only recently.

"For long, government policies supported and subsidised only small and medium enterprises. Therefore, to make the most of such benefits, several textile players did not scale up. Further, unlike China that built all-round capabilities from fibre to apparel right from the 1980s, India's policies began changing only in the early 2000s, buoyed by the global policy on multi-fibre agreements by the World Trade Organization," says Roy.

Unlike China, Bangladesh, Vietnam, or Cambodia, India still doesn't have large factories to make millions of garments. One reason has been firms' apprehension of inviting trade unionism

and unfair labour laws, which come with large-scale facilities. Concentration towards natural fibres—70-80 per cent of total apparel exports are cotton-based or natural fibre-based—is the other factor keeping India a laggard. In comparison, 65-70 per cent of global T&C trade is in man-made fibres.

What compounded woes was that the Indian industry did not look at segments like high-value fashion, activewear, sportswear, and performance wear until recently, with focus largely confined to the low-value casual wear segment.

India has produced brands of international repute, with the country being home to Nandan Denim, Arvind, and Aarvee Denim. However, the lack of globally competitive designing and marketing skills has been a huge impediment. "We need to shift from focusing on low-value products to focusing on our design talent as the Indian difference," says Mehta, adding most designers are too occupied with ethnic wear at present.

Backing Mehta's words is Raja N Shanmugam, president of the Tirupur Exporters Association, who believes India needs to build capabilities since textiles is a design-driven industry. Shanmugam also endorses reforms, especially in labour laws, which are not conducive at times and hurt productivity.

Experts believe the way forward is to gain advantage in a relatively less explored field, like technical textiles. Unlike China, which developed machines and solutions around medical textiles including personal protective equipment (PPE) a decade ago, exporters in Tirupur only recently started with the same.

"China has a road map and vision, supported by its government with infrastructure and policy support in all ways, and means in building PPE capabilities," says Shanmugam.

However, Roy says Indian firms and industry-promoted textile research organisation can collaborate with indigenous and international scientists, and explore hitherto unknown possibilities in technical textiles to build globally competitive capabilities and give the country a push in the value chain.

Harish Bijoor, brand expert and founder of Harish Bijoor Consults, believes India could overcome its cost disadvantage against peers like Bangladesh, which is allowed duty free access in over 50 countries, by signing more free trade agreements. ■



2.9m or 3.5m
working width – less
space requirement –
better blending

Better blending from the beginning: **BO-P**

The new portal bale opener allows up to 50% more working width and 25 to 40% better blending. At the same time, the portal concept saves floor space: The **BO-P** can also be placed close to a wall because the bale lay-down area is freely accessible.

TRÜTZSCHLER
S P I N N I N G

www.truetzschler.com

Itema Group announces the finalisation of the agreement for the acquisition of PTMT (ex Panter)

Itema, the leading provider of advanced weaving solutions, including best-in-class weaving machines, spare parts and integrated services, announces the finalization of the agreement for the acquisition of PTMT, formerly Panter, in business lease since April 2019.

Despite the difficult moment that the world economy is going through due to the consequences of the pandemic generated by the COVID-19 virus, Itema's Board of Directors chooses not to stop investments, convinced that the only way to overcome this critical period is to believe in a future made prosperous by long-term strategic choices.



The acquisition by its subsidiary Itema Tech s.r.l. allows Itema to expand its product portfolio by adding PTMT technology, with the aim of consolidating and establishing a new leadership in the field of technical fabrics.

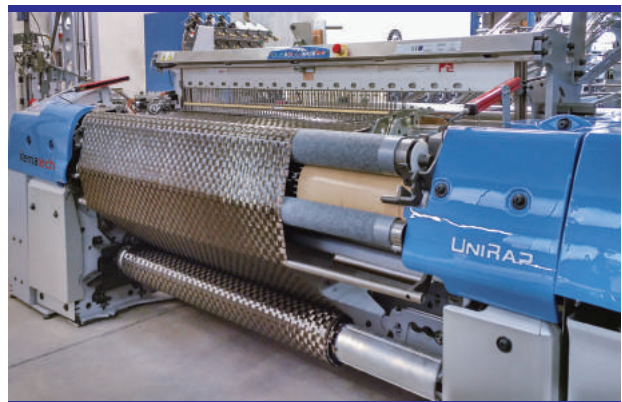
The launch of Itematech, the new division dedicated to technical textiles, in the first quarter of 2019, gathered growing interest from weavers all over the world. Itematech, indeed, offers today the most complete technological portfolio available on the market to weave these special fabrics.

The operation confirms Itema's Board Directors intention to invest in the textile machinery sector, as witnessed by the words of Mr. Gianfranco Ceruti, President of the Board of Directors of Itema: "the acquisition of PTMT enriches Itema's

technological offer for weaving machinery, adding even more value to our Company's proposal to the market".



Mr. Angelo Radici - on behalf of the family heirs of Gianni Radici, who hold 60% of the Itema shares, and in agreement with the Arizzi and Torri families to whom the remaining share belongs - commented: "This strategic choice brings further impetus to the Group. Our constant commitment to global expansion goes hand in hand with attention to local realities: we strongly believe in the excellence of our territory companies, in their prestigious historical tradition and in their continuous growth potential. We are therefore confident that the merger of PTMT's deep technological know-how and the structural and organizational solidity of our Group will give rise to new opportunities for development and affirmation on international markets".



Mr. Ugo Ghilardi, CEO of Itema Group, commented as follows: "Technical fabrics represent an extremely valuable and complex market in the global textile scenario, constantly evolving and growing. With Itematech we are ready to respond to the needs of this specific sector, through the widest range of technological

CORPORATE NEWS

solutions offered by a single partner. Itematech will be able to count on Itema Group's production capacity and its commercial and service network, along with the technological solutions that have always been the flagship of the Panter brand, such as the loom dedicated to weaving carbon fiber, in what is a unique synergy on the market".



The Itema plant in Colzate, at the forefront in the field of lean manufacturing, was quickly equipped by the Itema engineering team for the production of the ex-Panter models thus guaranteeing the high quality standards of Itema weaving machines. Thanks to the union of the two technological realities, Itematech guarantees the weaving of the widest range of technical fabrics – from carbon fiber to the coarsest and finest filter fabrics, to name just a few – and the widest know-how in the sector.

About Itema

Itema is a leading global provider of advanced weaving solutions, including best-in-class weaving machines, spare parts and integrated services. The Company is the only manufacturer in the world to provide the top three weft insertion technologies: rapier, air jet and projectile, with an ample product portfolio and a commitment to continuous innovation and technological advancement of its weaving machines. The Company is also unique in its sector with two R&D units, of which one – ItemaLab – is dedicated entirely to breakthrough innovations and the development of the “loom of the future.” Part of Radici world of companies, the 60% of Itema is held by Gianni Radici's family heirs (the siblings Angelo, Maurizio, Paolo, Maria

Grazia and Bruna) and 40% by the Arizzi and Torri families. For more information visit www.itemagroup.com

About PTMT

PTMT (ex Panter), based in Gandino, Bergamo, was founded in the 90s by Nello Pezzoli with his sons Nino and Paolo. Since then, it has been producing innovative looms for a wide range of applications, with particular success in the field of technical fabrics.

For further information, please contact :

Itema S.p.A.

Via Cav. Gianni Radici 4

24020 Colzate (BG), Italy

Phone : +39 035 7282111

Fax : +39 035 740505

info@itemagroup.com

www.itemagroup.com □

May Virtual communication platforms be as alternatives to real trade fairs?

The coronavirus pandemic is also presenting the global textile machine industry with new communication challenges. Leading technology and continental trade fairs such as the ITMA Asia, the ITM, the INDEX and the ITME, along with important sector events such as the Global Fiber Congress (GFC) in Dornbirn, will not be taking place as normal in 2020 and have had to be postponed until next year. However, what alternatives are now available for intensively maintaining networks and continuing to communicate with partners and customers – and for attractively presenting new products and services in the process? New virtual communication platforms could possibly be a solution here and could ultimately also be considerably more sustainable in the long term. We spoke about these to André Wissenberg, Head of Marketing, Corporate Communications and Public Affairs for the Oerlikon Manmade Fibers segment and Chairman of the VDMA Marketing and Trade Fair Committee.

What impact has the coronavirus epidemic had, and does it continue to have, on events within the textile machine industry?

In principle, all trade fairs, events and similar get-togethers were put on ice in the middle of

March. Most organizers initially repeatedly moved these to in part later dates in the year in the hope that the pandemic would be quickly contained and the second half of the year could continue as normal. Ultimately, we must all recognize that the coronavirus crisis and its impact on our global coexistence will continue to determine activities for a long time to come. Travel currently continues to be possible only to a limited extent and with restrictions and it appears that it will be difficult to plan trips for many months yet. However, planning is everything when it comes to the international trade fair and events business – and that applies to both organizers and, above all, to us as an exhibitor.



André Wissenberg, Head of Marketing, Corporate Communications and Public Affairs for the Oerlikon Manmade Fibers segment and Chairman of the VDMA Marketing and Trade Fair Committee.

What alternative communication channels are currently available?

For us, the focus is more than ever on intensively maintaining contact with our customers and partners. Here, it is about providing information on new products and services, commercial clarification for business already being conducted,

the implementation of and support for machines and systems to be installed and commissioned and also maintaining excellent customer relations. And this also includes everyday things, private matters and one thing above all: emotional concerns. Here, we are using – insofar as possible – all modern digital means of communication such as Skype, MS Teams, Zoom, etc. Ultimately, it is about how those persons involved in this digital world open up and interact with these communications methods. Undoubtedly a question of generation. If at all possible, hybrid customer support solutions with local employees from the company-internal local network and participating experts are currently probably the best alternative.

What will the future look like?

Technology webinars – as recently also initiated by the VDMA with a new series and as they will also be offered by Oerlikon Manmade Fibers in the second half of the year – help convey detailed information, predominantly on focus topics, to existing and potential customers. While the didactic focus of webinars is generally more likely to resemble university lectures, regardless of how creative these might be, and the dialog takes a backseat here – not least also due to the fact that the participants are competing with each other – new, currently nascent digital communication platforms in the form of virtual trade fairs could represent an invaluable addition for all market players.



A new digital world with augmented and virtual reality technologies as alternatives to real trade fairs? Modern communication platforms must prove whether there is acceptance of these among exhibitors and visitors.

CORPORATE NEWS

As well as the purely unidirectional transfer of information using attractively-designed Websites with—in the best case—state-of-the-art virtual reality technologies, there will also be bidirectional communication possibilities available using scheduled video chats between customers and company experts. Conferences and seminars generally round off the program. A hugely-attractive offering for all participants – as long as sufficient numbers take part on both sides. Because it is only if the benefit of a ‘real trade fair’ is created – the possibility to compare products and solutions from different suppliers and the offerings on a digital communication platform designed in this manner and to collate all the relevant information for making a purchase decision in a timely and efficient way, i.e. by means of downloads – will suppliers and visitors be able to acquire long-term added value. With its ‘Innovate Textile & Apparel Virtual Trade Show’, WTIN will – between October 15 and 30, 2020 – be one of the very first organizers within the textile machine industry to take this new digital step. And we at Oerlikon Manmade Fibers are thrilled to be part of this and to welcome our customers to a new virtual world.

About Oerlikon

Oerlikon (SIX: OERL) develops modern materials, systems and surface technologies and provides specialized services aimed at securing high-performance products and systems with long lifespans for customers. Supported by its technological core competencies and its strong financial footing, the corporation continues its medium-term growth plan by implementing three strategic factors: focusing on attractive growth markets, ensuring structural growth and expanding through targeted M&A activities. Oerlikon is a globally-leading technology and engineering corporation, operating its business in two segments (Surface Solutions and Manmade Fibers) and employing around 11,100 members of staff at 182 sites in 37 countries worldwide. In 2019, Oerlikon generated sales of CHF 2.6 billion and invested more than CHF 120 million in research & development.

For further information: www.oerlikon.com

About the Oerlikon Manmade Fibers segment

With its Oerlikon Barmag, Oerlikon Neumag and Oerlikon Nonwoven brands, the Oerlikon

Manmade Fibers segment is one of the leading provider of manmade fiber filament spinning systems, texturing machines, BCF systems, staple fiber systems and solutions for the production of nonwovens and – as a service provider – offers engineering solutions for the entire textile value added chain.

As a future oriented company, the research and development at this division of the Oerlikon Group is driven by energy-efficiency and sustainable technologies (e-save). With its range of polycondensation and extrusion systems and their key components, the company caters to the entire manufacturing process – from the monomer all the way through to the textured yarn. The product portfolio is rounded off with automation and Industrie 4.0 solutions.

The primary markets for the product portfolio of Oerlikon Barmag are in Asia, especially in China, India and Turkey, and – for those of Oerlikon Neumag and Oerlikon Nonwoven – in the USA, Asia, Turkey and Europe. Worldwide, the segment – with just under 3,000 employees – has a presence in 120 countries with production, sales and distribution and service organizations. At the R&D centers in Remscheid, Neumünster (Germany) and Suzhou (China), highly-qualified engineers, technologists and technicians develop innovative and technologically-leading products for tomorrow's world.

For further information: www.oerlikon.com/manmade-fiber

For further information, please contact :

André Wissenberg

**Marketing, Corporate Communications
& Public Affairs, Oerlikon**

Tel : +49 2191 67 2331

Fax : +49 2191 67 1313

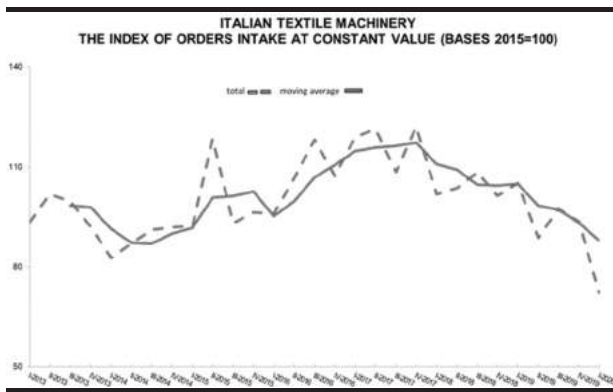
andre.wissenberg@oerlikon.com □

Italian Textile Machinery : Sharp decline in the 2020 First Quarter

In the first quarter of 2020, the orders intake of Italian textile machinery registered a sharp drop. The Covid-19 pandemic impacts heavily on the sector. The consequences on the orders will be more negative in the second quarter.

The index of orders intake for textile machines drawn up by ACIMIT, the Association of Italian Textile Machinery Manufacturers, for the period from January to March 2020 fell by 31% compared to the same period of 2019. The index value stood at 72.2 basis points (2015 = 100).

Orders intake was negative both on foreign markets and in Italy. In the foreign markets orders were down 26%, while on the domestic market they marked -57% compared to the first quarter of 2019.



"The orders index sank compared to 2019, a year already negative, Alessandro Zucchi, president of ACIMIT says. Indeed in 2019 the Italian textile machinery industry observed a decrease both in production (-13%) and in exports (-14%) compared to the previous year".

Following a difficult year, the Italian textile machinery had to face Covid-19 pandemic, which led, as a first consequence, to the slowdown of the main markets in the sector, China, Turkey and India, in the first month of 2020.

General information on Italy's textile machinery sector and ACIMIT

ACIMIT represents an industrial sector that comprises roughly 300 manufacturers (employing around 12,000 people), which produce machinery for an overall worth of around 2.3 billion euros, of which 82% are exported. Creativity, sustainable technology, reliability and quality are the hallmarks that have made Italian textile machinery worldwide leaders.

For further information, please contact :
Mauro Badanelli, ACIMIT Economics-Press;
 Tel. +39024693611
 email: economics-press@acimit.it



Story idea about "wherein Chefs from Pulp and Fibre Business"

Liva is a sustainable ingredient brand from the house of Aditya Birla Group and Spykar Lifestyle. Please find below story idea below for your perusal *wherein Chefs from Pulp and Fibre Business, Aditya Birla Group and Spykar Lifestyles* will be happy to share inputs. Please do let us know if the same can be explored in form of an authored article or an industry story.

Idea 1 : Capsule wardrobe : Versatility is key to styling

The lockdown has given us all a chance to reflect on our consumption pattern and needs which is why sustainability is going to be key moving forward. Keeping this thought in mind, the concept of capsule wardrobes is going to be a huge trend moving forward. Capsule wardrobe basically means having a few pieces in your wardrobe which can be styled and worn in multiple ways. Our design experts lay down a guideline to starting your own capsule wardrobe.

Key pieces required

1. Over-sized white shirt
2. Classic Straight fit blue denims
3. Slip dress
4. Maxi skirt
5. Blazer

Insights : Fashion designers from Live and Spykar lifestyles can offer inputs

For further information, please contact :

Karishma Punjabi
White Marque Solutions
Creative Strategy
Public Relations
Digital Outreach
 Landline : 022-26335094-98
 Extention : 15
 Cell : +91 9833202231

Email: karishma@whitemarquesolutions.com
 Office No : 422/423, 4th Floor
 Laxmi Plaza, Laxmi Industrial Estate
 Andheri (West), Mumbai-400053



CORPORATE NEWS

Grab the Trendiest Summer Ensembles at Blackberrys Shopping Bonanza!

Unprecedented Offerings, Unprecedented Prices spell bound customers

Blackberrys Menswear, India's leading premium fashion brand announced its End-Of-Season-Sale with an aim to make you look stylish every minute. The sale which commences on 22nd July 2020, presented stellar offers and exciting deals on the brand's latest Spring-Summer collection. The unmatched products and unprecedented prices under this shopping extravaganza are sure to leave customers spell bound.

The offer was applicable at select stores across the country and at www.blackberrys.com. Keeping the customer's safety in mind, the brand has also introduced appointment based shopping facility for all the brand loyalists.

Some of the EOSS specials include :

- ❖ Trousers and Classic Lord of Giza Cotton Shirts starting at just Rs. 1695/-
- ❖ Exquisite range of multi-occasion suits available at Rs. 6995/- onwards Colorful Khakis at Rs. 1595/- onwards
- ❖ Versatile blazers, available in a myriad of colors start at Rs. 4995/-
- ❖ And much more!

From shirts to denims and suits to blazers, the brand has everything you need to make sure that you look a part in their end of season sale.

It's time to Rise in Style with Blackberrys smartest offerings. Whether rejoining office or Working from Home, these outfits will enhance every look. So rush to your nearest stores to revamp your wardrobe and to grab the hottest -deals. Offer valid till the stock lasts!

About the Brand

Since 1991, Blackberrys is a curator of fine clothing and wardrobe essentials for the quintessential men of today. From the boardroom to nightlife, Blackberrys has been an integral part in defining the stylish men of today who are ambitious, fashion-forward and an inspiration to their peers. Known for its impeccable fits and designs, Blackberrys is credited with many firsts

in the country including importing the finest fabrics from the world, launching Knitalia – India's first 100% cotton knitted range of apparels, introducing products like Jack Pack – India's first packable, wrinkle-free blazers; wrinkle-free khakis to certified "whitest shirt in India." Addressing to the burning drive of the progressive men, the brand today stands as the one-stop shop for formal, ceremonial and casual fashionwear.

Present in over 350 cities in India, Blackberrys today operates more than 280 exclusive brand outlets and 800-plus multi-brand outlets, making fashion accessible to aspiring and driven men. In 29 years of its journey, the brand has won a plethora of accolades including, The Entrepreneur of the Year at CMAI Awards 2017, Emerging Company of the Year by Zee Business in 2019, Images Most Admired Brand of the Year for Men's Western in 2019, North India Franchise awards and many more.

From the Desk of

Divya Joshi

M : 9582237604



Oerlikon Implements all round Actions to Navigate Current COVID-19 Pandemic

- ❖ The COVID-19 pandemic has impacted the world economy, businesses and daily lives in an unprecedented manner. Oerlikon has taken actions to protect employees while maintaining business continuity.
- ❖ Oerlikon continued to have a very robust capital structure with a strong cash position and an unlevered balance sheet and is executing an action plan to preserve cash and reduce costs in all businesses.
- ❖ Q1 Group order intake, sales and EBITDA were negatively impacted by the COVID-19 pandemic due to the extended shutdowns in China and the beginning of lockdowns in Europe.
- ❖ Manmade Fibers Segment Q1 orders were impacted by the lockdown and the extended Chinese New Year in China. The current assessment is that the 2020 planned delivery schedules for the segment will be maintained;

new contracts exceeding CHF 600 million were awarded, with deliveries in 2022/2023. Global demand for meltblown technology used to produce surgical face masks is increasing.

- » Surface Solutions Segment Q1 performance was impacted by the slowdown in all end markets; the previously announced productivity program continued with aggressive cost-cutting targets to increase efficiency and agility.
- » Oerlikon is withdrawing guidance for the full year 2020 due to the high degree of market uncertainty; Oerlikon remains committed to the mid-term target for Group EBITDA margin of 16% – 18%.

Key Figures of the Oerlikon Group as of March 31, 2020 (in CHF million)

	Q1 2020	Q1 2019	Δ
Order intake	477	680	-29.9%
Order backlog	545	652	-16.4%
Sales	529	624	-15.2%
EBITDA	58	93	-37.6%
EBITDA margin	11.0%	15.0%	–
EBIT	6	44	-86.4%
EBIT margin	1.1%	7.1%	–
ROCE (rolling 12-month)	5.4%	9.5%	–

“The COVID-19 pandemic has created unprecedented effects on the global economy, business and the lives of billions of people,” said Dr. Roland Fischer, CEO Oerlikon Group. “Like many other companies, we saw initial impacts in the first-quarter results and are implementing mitigating measures to protect our liquidity while ensuring business continuity. We remain very disciplined in our investments and have a strong financial position to navigate Oerlikon through these extraordinary times.”

“Since the beginning, ensuring the safety and well-being of our employees, customers and suppliers has been our utmost priority,” added Dr. Fischer. “In these uncertain times, our businesses have been experiencing dynamically evolving business conditions. China has shown signs of overcoming the virus, in particular in our manmade fibers business, while we faced increasing challenges from the global impact in our Surface Solutions Segment toward the end of the first quarter in Europe and in the USA.”

“Our manmade fibers business continues to be very well positioned, driven by long-term, strategic customer investments in the filament value chain in China. As a result of the COVID-19 pandemic, we are seeing strong global demand for our meltblown technology that is used to produce surgical face masks. To support this demand that is expected to further grow, we have ramped up our production capacity and significantly reduced delivery times of these systems. In addition to selling our equipment globally, we are supporting local and international businesses with nonwoven materials. For example, we are now producing in Germany more than 100 000 m² of fabrics per month for the manufacture of over one million face masks each month to protect lives,” supplemented Dr. Fischer.

“As we cannot predict the duration and scope of the spread of the virus, we are withdrawing our guidance for 2020. Our focus remains on executing the measures to protect our business and stakeholders in the near term, while preparing for the return to normalcy and remaining committed to our mid-term ambitions,” concluded Dr. Fischer.

Q1 Results Impacted by COVID-19 Pandemic

The scale of the COVID-19 outbreak resulted in the World Health Organization’s declaration of the virus as a pandemic on March 11, 2020. Since then, the crisis has affected every facet of corporate, social and daily lives worldwide in unprecedented ways. With production and business shutdowns in a large number of countries, the crisis has severely impacted many industries, resulting in the postponement of and declines in investments in equipment and services.

In this highly challenging environment, Group orders for the first quarter decreased by 29.9% to CHF 477 million, particularly in Asia and Europe. Group sales were 15.2% lower at CHF 529 million, attributed to lower sales across all regions and adverse currency movements. At constant exchange rates, Group sales were CHF 558 million.

Group EBITDA was at CHF 58 million, corresponding to a margin of 11.0%. EBIT for Q1 2020 was at CHF 6 million, or 1.1% of sales. The first-quarter performance resulted in a rolling

CORPORATE NEWS

12-month Oerlikon Group ROCE of 5.4%. In the first quarter of 2020, Oerlikon generated 42.0% of total Group sales (Q1 2019: 40.4%) from services.

Strong Mitigating Measures to Protect Liquidity and Business Continuity

In February, Oerlikon proactively started implementing an action plan to mitigate the impact of the pandemic. The action plan focuses on preserving the liquidity of the company, while ensuring that its businesses continue to operate and customers' needs are met.

Oerlikon has reinforced its strong cash position by proactively drawing down its revolving credit facilities. As of March 31, 2020, the Group has a cash balance of CHF 1.0 billion and a net cash position of CHF 219 million. The strong cash position will enable Oerlikon to manage any potential liquidity challenges.

The Group will be very selective in deciding on investments to be made in 2020, in line with the target to reduce capital expenditure (CAPEX) and discretionary spend by at least CHF 100 million in total compared to 2019.

As already announced, Oerlikon is executing a productivity program, primarily aimed at reducing structural cost in its Surface Solutions Segment. Across geographies and through a number of current and planned initiatives, Oerlikon is reducing a total headcount in the surface solutions business of approximately 800 employees, or around 10% of the Surface Solutions Segment's headcount. As previously disclosed, Oerlikon is expecting to invest CHF 25 million to CHF 35 million in the implementation of the entire program, predominantly for severance costs.

Oerlikon Withdraws 2020 Outlook. Remains Committed to Mid-Term EBITDA Margin Target

The global economy and industries are expecting to face significant challenges in the upcoming quarters due to the COVID-19 pandemic. In particular, the end markets of the Surface Solutions Segment are expected to be impacted globally. Following the easing of restrictions in China, production and operations in the Manmade Fibers Segment have been running at full capacity, and the segment is confident of being able to fulfil its delivery schedules for 2020. In view of the high degree of uncertainty as to

the scope and duration of the crisis, Oerlikon is withdrawing its guidance for 2020. Oerlikon remains committed to delivering on its mid-term target for the EBITDA margin of 16%-18%.

Segment Overview

Surface Solutions Segment

Key Figures of the Surface Solutions Segment as of March 31, 2020 (in CHF million)

	Q1 2020	Q1 2019	Δ
Order intake	333	385	-13.5%
Order backlog	185	205	-9.8%
Sales (to third parties)	325	371	-12.4%
EBITDA	39	61	-36.1%
EBITDA margin	12.0%	16.3%	-

The Surface Solutions Segment faced a slowdown in all of its end markets and across all regions. Order intake declined by 13.5% year-over-year to CHF 333 million and sales decreased by 12.4% to CHF 325 million. The decline in orders and sales was most noticeable in the tooling, automotive and general industries, particularly in March.

The weakness in the automotive sector was exacerbated by the pandemic. The shutdown in China impacted supply chains in Europe and Asia. Since the return to work at the beginning of the second quarter in China, a healthy ramp up in productions has been noted. In Europe and the USA, the shutdowns toward the end of the first quarter has started impacting the nitriding and thin-film service businesses.

The aviation industry is facing an unprecedented global standstill of civil aviation activities, which is impacting the demand for materials and equipment for the manufacturing of new aircraft and for maintenance, repairs and overhauls (MRO). General industries and tooling are exposed to global shutdowns, with some exceptions, such as in the critical and essential medical and food businesses.

During this crisis, the operations of the global coating center network have been subjected to local governmental regulations and industry exposures. In China, all 13 sites were closed in February; during March, the majority of sites were operational, and all sites have been back

in full operation since the end of that month. A total of 25 out of 166 surface solutions sites had to be closed temporarily upon requests by the government in countries including Spain, Italy, India, Malaysia and Mexico. The segment was successful in obtaining exemptions, including in the USA, as it supports relevant customers and vital applications. Depending on the industry exposure and volatility, affected sites were operating at 50% to 100% capacity.

The EBITDA margin for the first quarter was 12.0%, attributed to the lower sales and product and regional mix. EBIT for Q1 2020 was CHF -5 million (Q1 2019: CHF 19 million) and the EBIT margin was -1.4% (Q1 2019: 5.2 %). To mitigate the impact of the COVID-19 pandemic, further cost-saving measures such as short-time work and the reduction of vacation and overtime accruals have been implemented. Between 20% to 25% of the workforce are currently in short-time work, preparing to go into short-time work or are on paid leave as requested by the respective local governments. Aggressive cost-cutting targets have been set for the segment and will be executed with the productivity program. The goal is to increase the efficiency and agility of the segment to navigate the potential impacts of the crisis and to make the segment fitter for the future.

Manmade Fibers Segment

Key Figures of the Manmade Fibers Segment as of March 31, 2020 (in CHF million)

	Q1 2020	Q1 2019	Δ
Order intake	144	296	-51.4%
Order backlog	360	447	-19.5%
Sales (to third parties)	205	254	-19.3%
EBITDA	18	34	-47.1%
EBITDA margin	8.9%	13.2%	-

The segment received new large contracts for filament spinning systems from three of the world's leading manmade fibers manufacturers in China. The three projects have a total value of more than CHF 600 million. A very small proportion of these projects will be recognized in order intake in 2020, and the majority will be accounted for in 2021 and 2022. Despite the new contracts, the segment noted a decline of 51.4% to CHF 144 million in order intake, partly due to the

delay in financial clearance in China as a result of the shutdowns.

Sales for the segment decreased by 19.3% to CHF 205 million, attributed to the lockdown in China and to lower demand for equipment and systems for special filament (carpet and industrial yarn) and plant engineering (polymerization, staple fibers and nonwovens), particularly in North America, Europe and Asia. Following lower sales, the EBITDA margin declined to 8.9%. EBIT for Q1 2020 was CHF 11 million (Q1 2019: CHF 27 million) and the EBIT margin was 5.5% (Q1 2019: 10.7%).

In the first quarter, the segment took over the majority stake in Teknoweb Materials s.r.l., which was established in 2017 as a joint venture to extend the nonwoven production system portfolio to include the attractive market for disposable nonwovens. Due to the COVID-19 pandemic, a strong global demand for Oerlikon's meltblown (nonwoven) technology used to produce surgical face masks has been noted. This demand is expected to grow in the upcoming quarters, driven by government regulations and the need for greater self-sufficiency and reduced reliance on imports for critical medical items. To support this growth, production capacity for the meltblown technology has been ramped up and the delivery times of these systems significantly reduced.

Production in China was closed toward the end of January and in February (extended Chinese New Year and lockdowns). Operations started up gradually in March and have returned to full capacity since the end of that month. Despite the shutdowns in Europe, the segment operated at full speed in Germany, achieving a record production of winders in March in Remscheid, Germany. The key challenge in Europe has been to secure the supply chain in the challenging COVID-19 environment. The segment has succeeded in balancing the situation and is confident of being able to fulfil the planned delivery schedules for 2020. The mid-term outlook for the segment remains unchanged based on current assessment and the project pipeline has been extended, with deliveries reaching into 2023.

CORPORATE NEWS

Additional Information

Oerlikon will present its results in English during its conference call today beginning at 14:00 hrs CEST. To participate, please dial the following numbers a few minutes before the start of the conference call :

Country	Local toll call numbers
Switzerland	+41 (0) 58 310 50 00
UK	+44 (0) 207 107 06 13
USA	+1 (631) 570 56 13

About Oerlikon

Oerlikon (SIX: OERL) engineers materials, equipment and surfaces and provides expert services to enable customers to have high-performance products and systems with extended lifespans. Drawing on its key technological competencies and strong financial foundation, the Group is sustaining mid-term growth by addressing attractive growth markets, securing structural growth and expanding through targeted mergers and acquisitions. A leading global technology and engineering Group, Oerlikon operates its business in two Segments – Surface Solutions and Manmade Fibers – and has a global footprint of more than 11 100 employees at 182 locations in 37 countries. In 2019, Oerlikon generated CHF 2.6 billion in sales and invested more than CHF 120 million in R&D.

For further information, please contact :
Andreas Schwarzwälder
 Head of Group Communications,
 Investor Relations & Marketing, Oerlikon
 Tel : +41 58 360 96 22
a.schwarzwaelder@oerlikon.com
www.oerlikon.com
Leng Wong
 Head of Group External Communications
 & Public Affairs, Oerlikon
 Tel: +41 58 360 96 14
leng.wong@oerlikon.com
www.oerlikon.com

Story idea on the occasion 'Father's day special and Music day special'

Writing to you on behalf of Liva, a sustainable ingredient brand from the house of Aditya Birla

Group and Spykar Lifestyle. On the occasion of Father's Day Special and Music Day Special, please find below story idea below for your perusal. Chefs from Pulp and Fibre Business, Aditya Birla Group and Spykar Lifestyles will be happy to share inputs. Please do let us know if the same can be explored in form of an authored article or an industry story.

Idea 1: Father's Day Special - Recreate the old charm

Background : With father's day being around the corner, it's time to bring back that 60's fashion. Straight fit jeans, plaid shirts and bright colours. Recreate some iconic looks from the era and give a tribute to your father this father's day with a modern twist

1. Red and blue plaid shirt with Vintage Denims
2. White Jeans with a polka dot white shirt
3. Denim on Denim ensemble
4. Straight pants with a crew sweater

Insights : Mr. Nelson Jaffery, Head of Design, Liva & Mr. Abhishek Yadav, Design Head, Spykar Lifestyles can offer inputs.

Idea 2 : Music Day Special: Fashion inspired by music

Background : Music has been known to inspire fashion since decades. The king of rock and roll made leather look fabulous, hip hop culture inspired athleisure and much more! This world music day, find out which trends are still in fashion and how music has inspired or given them a push.

Insights : Mr. Nelson Jaffery, Head of Design, Liva & Mr. Abhishek Yadav, Design Head, Spykar Lifestyles can offer inputs

For further information, please contact :
Karishma Punjabi
 White Marque Solutions
 Creative Strategy, Public Relations
 Digital Outreach
 Landline : 022-26335094-98
 Extention : 15

Cell : +91 9833202231
 Email: karishma@whitemarquesolutions.com
 Office No : 422/423, 4th Floor
 Laxmi Plaza, Laxmi Industrial Estate
 Andheri (West), Mumbai-400053

WEAVING CALCULATION, COSTING, PROJECTS

Dr. M. K. Talukdar and Dr. Anirban Guha

Foreword by Shri Y. K. Kusumgar, Chairman, Kusumgar Corporates, Mumbai
Leaders in Technical Textiles

About the Authors

Dr M K Talukdar, retired Professor and Head of Textile Department, VJTI, 125 years old premier engineering and technological institute in Mumbai, had been in the institute for 26 years. He was a consultant to Capital Market, foremost Business and Investment Magazine of India for more than 8 years. Since 1998, he is Associated with M/s Kusumgar Corporates, pioneer in the field of Technical Textiles in India. He was an Adjunct Professor in the Mechanical Engineering of IIT, Bombay from Jan 1997 to Dec 2011. He has published more than 60 papers in National and International Journals. He has guided over 20 M.Tech., and Ph.D., Students mainly on geo-synthetics. He has authored and co-authored six books. He is also connected with different committees of Ministry of Textiles and Bureau of Indian Standard. He was a member of Academic Council of Maharashtra Board of Technical Education and Chairman of Board of Studies of Textile Technology. For more than two decades he actively associated with the development and promotion of technical textiles in India.

Dr. Anirban Guha is a faculty of Mechanical Engineering, IIT Bombay from 2005. His Ph.D. was on application of Artificial Neural Networks for modelling spinning processes. Thereafter, he has studied the efficacy of other machine learning algorithms in different practical scenarios. His wide-ranging research interests also include design of machinery (with focus on kinematics) - many of them for the textile industry, robotics, design optimization, lighter-than-air systems, and simulation of composites and structures subjected to high strain rates. He has been involved in the development of remotely operated vehicles for reconnaissance and recovery for the army and internal security forces and various safety related mechanical devices for the industry.

About the Book

In this rapidly changing world, maintaining a competitive edge requires continuous evolution. In the world of weaving, this means applying the latest technology and management practices. However, the decision on which technology is to adopt or which management practice to promote is often a matter of arbitrary choice. This is because an objective evaluation of the merits and demerits of

different technologies and pros and cons of different management practices is often not done. There are two reasons for this lack of objective evaluation. Often the tool for such an objective evaluation is not widely known. But, often, the person in charge of such a decision-making process, finds that he is not able to recall the correct resource to call upon to complete an objective evaluation. This drawback remains even in the age of internet and widespread dissemination of knowledge because niche areas of technology require specialized knowledge which is available to only a few people around the world and critical portions of the process of objective evaluation of technology and business practices are not available in the internet in an easily searchable form.

It is to address this lacuna that we have come up with a comprehensive collection of evaluation methods related to all aspects of weaving - raw material, technology, machinery, cost accountancy and other business practices. The different chapters of this book take up one topic at a time, give a very brief introduction and then familiarizes the reader with the different terms which are commonly used for objective evaluation of that process. It then explains the general procedure for evaluation of different aspects of that process - starting with the simple ones and gradually moving on to more complex topics. Based on our belief that such procedures are best understood with the help of examples, we have included many examples in every chapter. We believe that the set of examples included in this book are comprehensive enough to cover every important facet of weaving. We believe that both a technologist as well as a manager would find this set of examples invaluable for both recapitulating as well as becoming aware of objective evaluation procedures relevant to his field. An experienced teacher would be able to differentiate chapters suitable for different categories of students - diploma, degree and post graduate.

Every effort has been made to ensure that all the examples in this book are error free. However, we welcome suggestions from readers on possible errors and omissions. We hope that this, as well as future editions of this book, will be a constant companion of people associated with the weaving industry who are trying to make a difference.

WEAVING CALCULATION, COSTING, PROJECTS

The Contents of the Book is as mentioned below

- » Foreword
- » Preface
 1. Yarn
 2. Doubling and Twisting
 3. Winding
 4. Warping
 5. Sizing
 6. Entering and Knotting
 7. Weaving
 8. Weaving Mill Planning
 9. Structural Mechanics of Woven Fabrics
 10. Product Development
 11. Utilities
 12. Import and Export
 13. Costing

14. Financial Cost and Management Accountancy
15. Capital Budgeting
16. Weaving Project : Rapier Weaving
17. Weaving Project : Airjet Weaving

Index

An Encyclopedic work by experts of the subject. Useful for students, practising technocrats, management and cost accountants, and for those who want to enter the industry and earn profit out of it.

For further information, please contact :

Shree Samarth Krupa
Administrative Office
46, Rajpath Row House
Opp : Rajpath Club, Behind Kiran Motors
Near Ahmedabad International School
Bodakdev, Ahmedabad-380015

Interactions to create Road Map for the Growth of Indian Textile Industry

During the current Corona pandemic, we have realised how small we are against nature. In spite of highest level of medical facilities, developed nations also couldn't prevent fall in economy, healthcare chaos and unemployment for millions. The current situation in India is really alarming, which forced the central government to declare LOCKDOWN 4 till May end.

In India, Textile industry is the 2nd largest employment provider after agriculture. Migration of textile skilled weavers and other workers will have long term down fall effects for textile industry. In this VUCA [Volatile – Uncertain – Complex – Ambiguous] world, small, medium and even large business owners are anxious looking for answers, solutions & also solace.

We have seen a drastic improvement in the Chinese Textile Industry during last, 7 decades whereby today China is the largest manufacturer and exporter in the world with an export turnover of \$266.41 Bn; while India stands at 5th largest countries with an export turnover of \$37.11 Bn.

However after Corona pandemic, Japan, USA, and many European countries are reluctant to do business with China, whereby Japan government has declared incentives for shifting Japanese companies manufacturing facility from China to other destination. Thus today's Global scenario is providing India an opportunity to grow.

Time has come for Indian Textile Industry to make available to the World, the products right from Farm to Fashion under Make-in-India brand, which will be

accepted by the World under User-friendly, Eco-friendly and Environment friendly concept. In this moment, we need encouragement and enthusiasm.

ITAMMA having an association with Mr. Prakash Shah, Chairman & Managing Director, PRASHANT GROUP organized this Webinar with spiritual leader Sri Sri Ravishankarji for his encouragements on 24th May. It was an opportunity for all of us to be benefitted with his wisdom where he gave answer complex questions making the conversations with Textile Industry Leaders and renowned personalities covering different segments panelists followed by LIVE Meditation.

The stalwarts panelists graced the event were respected Shri S.P.Oswalji, CMD [Vardhman Group], Mrs. Dipali Goenka, CEO & Jt. MD [Welspun Group], Mr. S.K.Gupta, Director & Advisor [Raymond Group], Mr. Ajay Arrora, Mg. Director [D. Décor Furnishing], Mr. Hemant Bangur, Chairman [Gloster Ltd], Mr. Sanjay Sarawagi, Director, [Laxmipati group], Mr. Pramod Khosla, MD [Khosla Profil], Dr. A. Sakthivel, Chairman [AEPC & TEA], Mr. T. Rajkumar, Chairman [CITI & TSC].

For further information, please contact :

Bhogilal Hargovindas Bldg., 2nd Floor
18/20, K. Dubash Marg, Kala Ghoda
Mumbai-400 001
Telephone : 2284 4350/2281 6849
Fax : (022) 2287 4060
e-mail : info@itamma.org/support@itamma.org
members@itamma.org
Website : www.itamma.org

Messe Frankfurt celebrates its 780th anniversary—by looking back on eventful history

Emperor Frederick II granted trade fair rights to Frankfurt am Main, marking the birth of Messe Frankfurt. Now, 780 years later, the company can look back on an eventful history in which the Frankfurt trade fair developed from a medieval marketplace into a global player—experiencing many successes and mastering various crises.

Peter Feldmann, Mayor of Frankfurt am Main and Chairman of the Messe Frankfurt Supervisory Board, had this to say about Messe Frankfurt's anniversary: "Trade fairs have driven our city's development. Nowhere else are trade fairs such an integral part of a city's history as they are in Frankfurt. Emperor Frederick II's official grant of trade fair rights marks the historical origin of a success story that started around Frankfurt's City Hall (Römer) 780 years ago and continues to this day. From these beginnings, Messe Frankfurt evolved over the centuries into the world's largest operating trade fair company. Yet even after 780 successful years, it remains true to the tradition of trade and internationality that is firmly rooted in its home city of Frankfurt."



Autumn fair in Frankfurt in 1949

As soon as Messe Frankfurt celebrates its 780-year anniversary, it will be getting straight back to business: following a global lockdown lasting multiple months; Messe Frankfurt is once again holding trade fairs. It all kicks off with Intertextile Shenzhen Apparel Fabrics on 15 July 2020 in China. The trade fair is part of a network of some 50 international textile events in Messe Frankfurt's portfolio, which has included Frankfurt Fashion Week since June. Trade fairs are also resuming business in Germany—in strict compliance with an

extensive protection and hygiene concept. Smaller events are already underway on the Frankfurt exhibition grounds, and trade fairs will be joining them soon: Nordstil will be leading the way in Hamburg in September, followed by the Frankfurt Book Fair in October. Replacement dates have also been planned in 2020 for many of the Group's postponed events worldwide.

Wolfgang Marzin, President and Chief Executive Officer of Messe Frankfurt: "We are delighted that our events will once again be serving as platforms for personal interaction. Our resumption of event operations worldwide demonstrates Messe Frankfurt's flexibility in responding to challenges. We are able to offer our customers around the world the platforms they need—regionally, nationally, at a European level and globally—while satisfying today's new local regulations and requirements. The past 780 years have demonstrated time and again just how important trade fairs are for promoting economic recovery in times of crisis, and our customers have been making it clear to us that face-to-face encounters and dialogue are irreplaceable."

A look at history shows that trade fairs, as mirrors of the economy, are repeatedly confronted with crises. Even back in 1635, for example, Frankfurt's Spring Fair had to be cancelled on account of fallout from the Thirty Years' War and an outbreak of the bubonic plague in Frankfurt. Already, the measures taken to help thwart the spread of disease included border closures, health certificates, passport systems, entry and exit checks and quarantines. Trade fairs' central role in economic development was clear even then. No sooner had the First World War ended than plans began for the International Import Fair in October 1919 and the Spring Fair in 1920. 95 percent of the exhibition grounds were destroyed during the Second World War, and their immediate reconstruction sent a clear signal about Frankfurt's importance as a trade fair centre. Trade fair operations resumed with the Frankfurt Fair in October 1948, relying in part on provisional lightweight constructions, tents and open-air spaces.

72 years later, the global coronavirus pandemic has been challenging the event industry since the start of 2020. Marzin: "The trade fair landscape will change as a result of the coronavirus crisis, and topics such as digitalisation, safety and security will have a key role to play. Yet the trade fair industry's most important success factor remains personal encounters—something that Messe

TEXTILE EVENTS

Frankfurt's platforms have been making possible for 780 years now. Because the demand for face-to-face encounters is even greater today than it was before."

Background information on Messe Frankfurt

Messe Frankfurt is the world's largest trade fair, congress and event organiser with its own exhibition grounds. With about 2,600 employees at 29 locations, the company generates annual sales of around €736 million. We have close ties with our industry sectors and serve our customers' business interests efficiently within the framework of our Fairs & Events, Locations and Services business fields. One of the Group's key USPs is its closely knit global sales network, which extends throughout the world. Our comprehensive range of services—both onsite and online—ensures that customers worldwide enjoy consistently high quality and flexibility when planning, organising and running their events. The wide range of services includes renting exhibition grounds, trade fair construction and marketing, personnel and food services. Headquartered in Frankfurt am Main, the company is owned by the City of Frankfurt (60 percent) and the State of Hesse (40 percent).

For further information, please contact :

Markus Quint

Tel : +49 69 75 75-5905

press@messefrankfurt.com

www.messefrankfurt.com



TEX PROCESS 2021

Beyond progress

Taking huge strides into the future.

BEYOND PROGRESS is the slogan of the next dynamic Texprocess show, the leading international trade fair for the processing of textile and flexible materials, which takes place from 4 to 7 May 2021. Become part of this vibrant world of manufacturing, digitisation and networking and showcase your products and solutions. With its finger on the pulse of the market, the event promotes ideas and smart technologies based on sustainability and efficiency. Technological progress is setting changes in motion that open up promising perspectives for you.

For the first time in its history, Texprocess will be held at the modern Western Section of Messe Frankfurt, which offers more exhibition space and transparency. This new initiative brings product groups together, meets the requests of many

exhibitors for expansion and, last but not least, enables machines and systems to be displayed at the exhibition centre at ground floor level.

Benefit from the unique profile of the fair to make high - calibre international contacts at your stand and open up new fields of application and sales opportunities.

Numerous good reasons to be here

At the heart of the action.

Immerse yourself in one of the most dynamic markets in the world and make contact with international innovation drivers. Here you can help shape the future of the industry with new solutions for processing textile materials.

In contact with the whole world.

67% of visitors come from outside Germany. More than half the visitors are top decision makers. You'll also meet lots of developers, users and product managers. With exhibitor growth of 1.6% and visitor growth of 5%, Texprocess 2019 experienced its biggest edition ever.

More room for development.

The relocation of Texprocess to ground floor exhibition halls will provide you with larger spaces in the best locations and enable you to install your machinery and systems more easily.

Time and space for knowledge exchange.

Four days of Texprocess in a constructive atmosphere ensure time for in-depth discussions, collaboration and excellent business opportunities.

Programme of supporting events attracts additional visitors.

Enjoy a high-quality and diverse programme of events with thematic areas, including Micro Factories, the Texprocess Innovation Award, the free Texprocess Forum and the Texpertise Network Job Exchange.

Synergy effects.

Benefit from the year-on-year increase in the number of visitors from and to the parallel Techtextil fair. Make the most of these synergy effects!

- ✦ 317 exhibitors from 34 countries
- ✦ 26,400 trade visitors including visitors from Techtextil
- ✦ 83% of Techtextil visitors were interested in Texprocess
- ✦ 73% of Texprocess visitors were interested in Techtextil

The new Western Section

Relocation to new halls.

More potential.

No matter which product group you are exhibiting - your stand needs to be able to grow. New exhibitors now have the chance to obtain sought-after stand locations. Benefit from the new neighbourhoods and synergies created by this reorganisation.

Better overview.

All product groups are clearly defined and, with the interconnecting halls (see hall plan), visitors will have no problems reaching your stand.

Setting up at ground level.

Thanks to the new hall layout, heavy-duty exhibitors will find things much easier. Machinery and systems can now be installed at ground level in the halls. Benefit from the new opportunities!

The future begins here

The entire spectrum of the latest technologies and developments in textile processing.

Texprocess covers the entire value creation chain of all areas of the textile industry. In the new halls, the exhibition stands are arranged systematically according to product group, thus highlighting your forward-looking ideas and interdisciplinary projects!

For trade visitors and decision-makers, Texprocess offers a comprehensive spectrum of solutions, processes and machinery, and for exhibitors it offers great potential for making high-quality contacts and new business relationships.

Product groups

- ✧ CAD/CAM, product development
- ✧ Production preparation and organisation
- ✧ CMT (Cutting, Making, Trimming)
- ✧ Fusing, setting and manufacturing preparation
- ✧ Textile finishing
- ✧ Knitting technology for the garment industry
- ✧ Embroidery technology
- ✧ Product processing and finishing
- ✧ Sewing, joining and fastening materials, technical accessories for garment, house and home textiles
- ✧ Sewing, joining and fastening technology, automation technology
- ✧ Energy, air-conditioning, disposal, recycling

- ✧ Quality control
- ✧ Internal material flow
- ✧ Textile logistics
- ✧ Information technology
- ✧ Services, consultancy, training
- ✧ Media
- ✧ Research, development and training
- ✧ Source it

Registration Links

EXISTING CUSTOMERS : <https://standspace.messefrankfurt.com/easy/en/home.html>

NEW CUSTOMERS : https://standspace.messefrankfurt.com/easy/en/home_registerinterests.html

For further information, please contact :

Ms. Priyanka Videsh

Tel : +91 22 61445953

Email : priyanka.videsh@india.messefrankfurt.com □

Virtual Trade Show by WTiN

WTiN reconnects the industry with its Virtual Trade Show

World Textile Information Network (WTiN) has launched a virtual trade show in a bid to reconnect the textile & apparel industry in the Covid-19 pandemic.

The Innovate Textile & Apparel Virtual Trade Show, which will run on 15-30 October 2020, will provide an opportunity for companies from across the globe to showcase innovation in manufacturing technology and materials, while respecting travel bans and safety measures.

Innovate Textile & Apparel Virtual Trade Show of technology and materials will feature manufacturers of textile technology as diverse as manmade fibre production through to garment assembly, alongside material producers for apparel, sportswear, personal protective equipment (PPE) through to smart fabrics.

Visitors to the Virtual Trade Show can explore two virtual halls with separate but interlinking themes: technology and materials. The Technology Hall will showcase technological innovations, textile machinery and software, whereas the Materials Hall will display fibres, yarns, fabrics and apparel.

Exhibitor's virtual booths will contain everything from videos of machines operating to fabric

TEXTILE EVENTS

technical specifications, and booth visitors can make appointments or use a chat option to communicate with exhibitors. The platform will allow for lead generation and visitor insight.

Steve Ayres, head of Content & Technology, WTIN explains why WTIN has chosen to build their own platform: "We are building our Virtual Trade Show platform from the ground up because we want to be using the best technology in every area," he says. "This will be a virtual experience beyond which our industry has seen before. Our platform can deliver the best showcase and lead generation features for exhibitors whilst at the same time, ensuring attendees have an informative, immersive and exciting experience."

"We have the freedom to work with our partners in the way that is most mutually beneficial, and not be forced into fitting into a one-size-fits-all platform. We can't wait."

As well as the exhibition, the Innovate Textile & Apparel Virtual Trade Show will host conferences, seminars, roundtables and will be a showcase for academic research. These events will be available in multiple languages including Chinese, English, Japanese, Spanish and Turkish.

Chinky Tyagi, head of business development, WTIN, says: "Although we must physically distance from each other in this unprecedented time, now is the time that the industry must come together to forge a way through the Covid-19 pandemic and ensure a successful future. Innovation and industry partnerships have never been more important and, as a result, we believe a virtual trade show to reconnect the value chain is imperative."

"With many industry events being postponed, OEMs, suppliers, distributors, fabric and fibre manufacturers and service providers are missing out on the opportunity to showcase their technology and develop new leads and relationships," she continues.

"As such, we hope to bring the industry together to reconnect with our peers, nurture new partnerships and discover new and exciting innovations, of which the industry has many. We look forward to welcoming the whole value chain to Innovate Textile & Apparel Virtual Trade Show in October."

Exhibitors and visitors can now register to receive further information on the Virtual Trade Show at <https://vts.wtin.com>

About World Textile Information Network

World Textile Information Network Ltd (WTIN) provides specialist insight and data-driven intelligence to businesses in the Textile & Apparel value chain, enabling them to make better decisions faster and gain competitive advantage. Its primary focus is on the high growth markets of materials innovation, industry digitalisation and technical textiles. WTIN products are subscription based, with most delivered digitally, leveraging the latest technology to maximise user discoverability. WTIN also: organises focused B2B events held each year in Europe, the USA & Asia; delivers bespoke consulting projects; and publishes a range of journals and reports. <https://www.wtin.com>

For further information, please contact :

Chinky Tyagi

Head of Business Development

O : +44 (0)113 819 8155

T : +44 (0)113 360 9860

M : +91 9971 640 982

E : ctyagi@wtin.com

W : www.wtin.com

World Textile Information Network (WTIN)

WestOne, 114 Wellington Street, Leeds,

LS1 1BA, United Kingdom □

Mumbai edition of Screen Print India to schedule alongside Gartex Texprocess India in March 2021

India's leading exhibition for screen, textile, sublimation and digital printing technologies – Screen Print India has announced new dates for its Mumbai edition with a promise to keep the industry abreast with the rapidly changing business landscape in the screen-printing sector. The exhibition will be held in parallel with Gartex Texprocess India, from 19 – 21 March 2021 at the Bombay Exhibition Centre in Mumbai.

Messe Frankfurt India has announced new dates for the Mumbai edition of Screen Print India - the leading trade fair for screen, textile, sublimation and digital printing technologies, which will open its doors alongside the premier trade fair for the textile industry –Gartex Texprocess India in March 2021. With the gradual re-opening of commercial activities and businesses, the co-located fairs will enable the industry to channel their efforts back towards business development and cater to the needs of screen printing, textile and garment

manufacturing industry players as it gears up to bring the production and manufacturing value chain under one roof.



While the focus segments under Gartex Texprocess India will draw attention to innovations in garmenting & apparel machinery, the product launches and live demos at Screen Print India will enable business visitors and traders to track technological advances in digital textile and screen-printing technologies. The secure, business-focused ambience will enable both printing and textile sector players to showcase, source and strengthen their supply chains and keep pace with the shifting demand for screen printing, textile printing, digital and sublimation technologies across other sectors.



Screen Print India will also host a series of sessions on processes and innovations related to the graphics industry. Another key highlight of this successful trade fair is the Screen Print Excellence Awards that upholds a strong tradition of honouring technology inventors and trailblazers within the screen-printing industry. With this in mind, the Mumbai edition will curate a special "SPI Gallery" to showcase award winning pieces of screen-printing excellence.

Screen Print India, which is also marking its launch in New Delhi in December this year has garnered the support of leading industry associations including Screen Printing & Graphics Association of India (SGAI), South Indian Printers Association (SIPA), Madurai Screen Printers Association (MASPA), Tirupur Export Knit Printers Association (TEKPA), Tirupur Export Printing Managers Association (TEPMA) and Offset Printers Association (OPA). From technologically advanced to environmentally sustainable solutions, the platform through both its Mumbai and Delhi editions, promises to be a one-stop sourcing platform to cover a broad gamut of products in screen, textile, sublimation and digital printing technologies.

Background information on Messe Frankfurt

Messe Frankfurt is the world's largest trade fair, congress and event organiser with its own exhibition grounds. With about 2,600 employees at 29 locations, the company generates annual sales of around €736 million. We have close ties with our industry sectors and serve our customers' business interests efficiently within the framework of our Fairs & Events, Locations and Services business fields. One of the Group's key USPs is its closely knit global sales network, which extends throughout the world. Our comprehensive range of services – both onsite and online – ensures that customers worldwide enjoy consistently high quality and flexibility when planning, organising and running their events. The wide range of services includes renting exhibition grounds, trade fair construction and marketing, personnel and food services. Headquartered in Frankfurt am Main, the company is owned by the City of Frankfurt (60 percent) and the State of Hesse (40 percent).

For more information, please visit our website at: www.messefrankfurt.com

For further information, please contact :

Parul Diwan

Assistant Manager - PR

Messe Frankfurt Trade Fairs India Pvt. Ltd.

501, 5th Floor, A Wing, DLF Towers,

Jasola, Behind Apollo Hospital,

New Delhi - 110025

Tel : +91 11 66762314

Phone : +91 8447830462

Email : parul.diwan@india.messefrankfurt.com

Web : www.in.messefrankfurt.com



TEXTILE EVENTS

ITM 2021 will accelerate the Textile Sector that has become stationary due to pandemic

The ITM 2021 Exhibition, which is postponed to 22-26 June 2021 due to the coronavirus pandemic outbreak, will direct the world and Turkish textile industry, which will demonstrate a vigorous comeback in the post-pandemic period.

The ITM Exhibition, which was planned to be held between 2-6 June this year, was postponed to 22-26 June 2021 due to the troublesome Coronavirus pandemic. Participating companies in countries that had to interrupt their production, especially Italy, France, Spain, Germany and China, which were most affected by the virus, welcomed the postponement of the ITM Exhibition. The countries, holding similar opinions that it is not possible to save from the pandemic without effective drug treatment or vaccine against coronavirus, started normalization process by increasing their protective measures while fighting against the pandemic. The wheels started to turn again in the factories, and production and orders gained momentum.



Turkish Textile Industry Displayed Its Strength

Turkey, which did not affected from pandemic as much as other countries due the number of cases and death rates progress low and continues its production especially in textile sector, will be the correct address for the exhibitions to be held in the post-pandemic period. While occurring shortage of mask and protective clothing all over the world, Turkey which has a strong infrastructure in the field of textile, garments, nonwoven has supplied personal protective equipment to the world on the one hand, while meeting its own needs. Turkey has

shown that it is one of the largest producers and raw material suppliers of the world and Europe in this process. The major brands and companies in Europe and the United States shifted their orders from China to Turkey, due to China being the starting point of the Coronavirus pandemic. Turkey, which will accelerate technological investments due to the increase in production, will continue to lead the world textile industry.

ITM 2021 Will Be the Meeting Point of Textile Technology Leaders

ITM 2021 Exhibition, which will be held between 22-26 June next year, will coincide with the period when the global economy will resuscitate, which will increase the interest of the companies to the exhibition. Thus, thousands of international exhibitors will choose the ITM 2021 Exhibition, which is the meeting point of textile technology leaders, to highlight their latest innovations.

State of the Art Technologies and New Products to Meet Textile Investors

This synergy in the Turkish textile industry will have a positive impact on the ITM 2021 Exhibition. Next year, the latest technologies and new products that will be demonstrated at the ITM 2021 Exhibition, which will open its doors at Istanbul Tuyap Exhibition and Congress Center, will meet textile investors from all over the world.

For further information, please contact :

Yakuplu Merkez Mah. Kavaklı Cad.

Corner Office İş Merkezi Kat : 4 D.No.67-68-69

Beylikdüzü - ISTANBUL - TURKEY



Textile Excellence's vTexShow To Re-Energize Textile & Apparel Business

Virtual Exhibition is New Real Way of doing business. Top industry players to participate

Textile Excellence is organising vTexShow – virtual textile exhibition, from September 21-26, 2020. This initiative is launched to complement the industry's efforts to re-energize business in these challenging times. The show covers the entire value chain – fibres, yarns, fabrics, apparel, home textiles, dyes and finishes, Anti-microbial finishes, textile machinery, and the latest addition to the textile industry – PPE manufacturers. The PPE manufacturers who have not only contributed immensely to protect the countrymen but also demonstrated their ability to innovate in the hour of need by the nation. vTexShow will host the PPE

makers and suppliers in a dedicated exhibition area to connect them with buyers and consumers.

According to the organisers of the show, "This will be an effective platform for the entire textile industry to showcase their products and services, and to network with clients, customers, and peers. We expect 18000-20000 serious visitors to the show, from India and from across the globe."

Re-energizing the industry

Necessity is the mother of all inventions! Covid-19 pandemic has devastated life, disrupted business and changed the way things were done! Mankind is quickly finding new ways to overcome the challenges and restart life in a safer mode. That leads to adoption of a whole new set of practices, new technology, new methods as new Normal.

Textile Excellence, knowledge partner of the textile & apparel industry for nearly two decades, is leveraging its b2b trade fair experience and technology to host vTexShow to support the business. It is important for the industry to remain viable and adopt New Real Way of doing business. vTexShow will bring the similar experience to exhibitors and visitors that one gets in a real world b2b show and shall be able to conclude business on a virtual platform.

"Textile production has been hampered in last few months. The good news is that market movements have started for the industry, production capacity utilization have move up to 40-50% and green shoots are visible. vTexShow will act as a catalyst for re-energizing the industry as we are bringing in the best of the Indian and global players on to a single platform, which will be visited by top buyers and retailers from the important markets," said the show organisers.

For further information, please contact :

Henry D'souza : 096642 14853

henry@textileexcellence.com



ReadyToShow Virtual

For Italian & European Buyers

ReadyToShow – Virtual 3D Expo (Sept 11-14, 2020] and ReadyToShow-online - Showcase (Aug 1, 2020 - Dec 31, 2020)

The first virtual and digital event in Italy to give international apparels, accessories, textiles and leather manufacturers a direct access to major Italian & European buyers, including importers, private labels, large retailers and all other imported apparel and textiles.

The show will feature companies from all across product categories from over 25 countries.

Unique Virtual Experience Assured

Completely user-friendly, virtual experience will enable even the smallest in the fashion business to be visible with a dignified presentation. Buyers visiting the show will be able to work with ease and devote their time to source their requirements, irrespective of bulk or select purchases.

Seminars & Conferences

The virtual event will organize extensive seminars and conferences programme with international speakers and delegate audience from fashion sectors.

The Virtual event will provide following features

- ✦ Exhibition Centre, Exhibition Halls for various fashion sectors
- ✦ Special Lounge for Italy, India & Asean Countries
- ✦ Exhibitor Show directory (e-book) will be a compilation of all the exhibitor profiles
- ✦ Visitors will be able to sort exhibitors by product category & country
- ✦ Networking possibilities with all present at the show

Why participate?

Due to global pandemic, the year 2020 will see a massive drop in travels, a digital platform that can facilitate the same trade relations and business networking will be a boon for the industry.

- ✦ Opportunity to connect , interact and conduct business with buyers, brands & retailers.
- ✦ Extensive promotion of the Virtual Trade Expo through different mediums web, social, e-mailers and more.
- ✦ 4 days of High Season (Virtual 3 D Expo) and 5 months of 24*7 online exposure and visibility through this unique virtual expo.

Booth Features for Exhibitors

- ✦ Product Showcase
- ✦ Display banners on the booth
- ✦ Video Display
- ✦ Display & Feature Company Profile
- ✦ Resource Centre
- ✦ Business Card Exchange
- ✦ Live Chat & Video Chat
- ✦ Video Conference
- ✦ Managing & Responding to Queries

For further information, please contact :

Email : readytoshowvirtual@gmail.com



reliable carding solutions

NEW

unimax
CYLINDER WIRES
860 PPSI / 960 PPSI



LICKER-IN
Wires

WIRES



CYLINDER
Wires



STRIPPER
Wires



DOFFER
Wires



STANDARD
FILLETS

FILLETS & ACCESSORIES



STRIPPING
FILLET



BURNISHING
PAD & HANDLE



HAND CARD



PG Series

FLAT TOPS



UNO
Series

NEW

Stilo
580



RECTO
Series

UCC

CARD CLOTHING

Pre and **post** sales service.

Started in the **year 2002**.

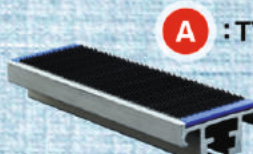
State of the art **modern manufacturing** plant.

Complete range of **card clothing** products.

Best in class metallurgy.

STATIONARY FLAT TOPS

UCC **Stilo** SERIES



A : TYPE



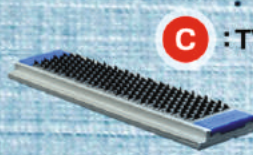
E : TYPE



B : TYPE



F : TYPE



C : TYPE



G : TYPE



D : TYPE



H : TYPE



RAISING FILLET

Available

"Raising fillets for fabric raising machines"



METALLIC WIRES

Available

"Metallic wires for non woven carding machines"

UNISPIN CARD CLOTHING INDIA Pvt. Ltd.,

S.F. No:362/4, Angammal Layout, Anna Nagar Extn., Neelikonampalayam,
Coimbatore - 641 033. Tamilnadu, India.

+91 99524 20282

sales@unispincardclothing.com

www.unispincardclothing.com



中国国际纺织机械展览会
暨ITMA亚洲展览会
ITMA ASIA + CITME 2020

ASIA'S PREMIER TEXTILE MACHINERY INDUSTRY PLATFORM

NEW DATES

12 - 16 JUNE 2021

NATIONAL EXHIBITION
AND CONVENTION CENTER
SHANGHAI, CHINA

BE PART OF ASIA'S MOST
PRESTIGIOUS TEXTILE
MACHINERY INDUSTRY EVENT

- A mega showcase of cutting-edge solutions for textile makers
- Strong support from all the major textile machinery trade associations
- Textile machinery and accessories structured by product category

For more information, please contact

ITMA Services
Tel: +65 68499368
Email: itmaasiacitme@itma.com

Beijing Textile Machinery International Exhibition Co., Ltd. (BJITME)
Tel: +86 10 5822 2655/5822 2955/5822 0766
Email: itmaasiacitme2@bjitme.com

Owners



Organiser



Co-Organiser



In Partnership With



www.itmaasia.com
www.citme.com.cn



SCIENCE IN INDUSTRY

NEW TECH®

CARETEX from Donear, PROTEX from GBTL & SHIELDTEX from OCM are set to launch protective gear for frontline warriors and for all civilians too



With the Covid-19 pandemic making its presence felt globally, the frontline workers are diligently performing their duties towards the society. Being synonymous with product innovation since their inception and with the vision of contributing to the society, the Donear Group - Donear, GRADO by GBTL (GBTL was formerly known as GRASIM) and OCM - have ventured into

manufacturing fabrics, garments and protective gear using NEO TECH® Technology, under their ranges - CARETEX, PROTEX and SHIELDTEX respectively offering PPE Kits, Masks, and healthcare apparels.

To quickly cater to the evolving need for Healthcare products, the group has invested in 'heat seam sealing' taping machines and has started producing PPE kits. These kits have been certified by renowned laboratories and agencies including SITRA and DRDO.

Understanding the need of the Healthcare segment and due pain points, the group has also developed specialized fabrics with Anti-microbial and Blood repellent finish. These fabrics are made with NEO TECH® Technology and especially for PPE coveralls. One of the USPs of these coveralls are that they are reusable.

Another USP is the comfort factor for wearer, which is why the fabric is made with a breathable water-proof chemical.

With the primary aim of providing high quality, utilitarian, ready-to-wear products and catering to an array of industries such as Healthcare, Aviation, Defence, Banking, Police, NGOs, municipal workers, security agencies, Government bodies, etc. These products shield the frontline workers from viruses and bacterium, upholding the tenets

of health, hygiene and comfort which are the need of the hour. These reusable coveralls will further help curb the challenges of waste management considerably.



These anti-bacterial fabrics have received wide acclaim from multiple industries, such as the major State Police Departments and Government bodies amongst others.

These fabrics are also being appreciated by people who commute daily (commuter suits), as aprons in Salons/ clinics – anywhere where a human touch could be involved.

NEO TECH® is a unique technology developed by the DonearGroup companies, a culmination of extensive efforts in research and development, done with the intention of bringing a paradigm shift in the Indian Textile industry. In the wake of COVID-19, a team of industry stalwarts, illustrious chemical suppliers and technological institutions was formed, with the aim of developing fabrics that are high quality, utilitarian and have a shield against bacteria and viruses alike. Apart from other technologies such as moisture management, anti-odour, cool max and much more.

The product basket of CARETEX, PROTEX and SHIELDTEX comprise of PPE Kits, masks, and healthcare apparels and details are as follows-

- » PPE Kits comprise of :
 - » Anti-microbial Reusable Coveralls customised for being waterproof and stain repellent
 - » Disposable Coveralls (non-woven poly propylene fibre) which are dust-proof, fluid and blood resistant
 - » 3-Ply Face Masks
 - » Nitrile Gloves
 - » Shoe covers
 - » Face Shields
 - » Goggles and much more
- » Specifically for masks, they are available as -
 - » Anti-Microbial Reusable Mask made of 100% cotton fabrics, which are Fluid repellent, odourless, anti-fungal in nature
 - » Disposable 3 ply non-woven masks, made out of ultra-fine fibre which is fluid resistant in nature



Pioneering in innovation, these brands have extended their product range by bringing in Anti-viral and Anti-microbial Reusable and Disposable healthcare apparels -

- » Reusable apparels constitute of scrubs, lab-coats, caps, aprons and Gowns made of Poly cotton & Poly Viscose and 100% Polyester with fluid repellent finish
- » Disposable category comprises of caps, shoe covers and aprons.

Apart from the range above, the NEO TECH Research & Development laboratory is constantly working on new products and innovations which will be rolled out in due course of time.



Rahul Agarwal (Director – Donear) said, “While the country is grappling with the Covid-19 pandemic and the front line warriors are taking the centre stage, it’s our responsibility to contribute and protect them. In doing so, we have successfully extended our product offerings for NABL certified NEO TECH® range of protective gear inclusive of PPE kits, masks and apparels for healthcare, police, defence, municipal workers amongst others. We endeavour to provide our civilians and frontline warriors with the best quality protective gear while keeping them safe and sound and meet the evolving needs of tomorrow.”

About NEO TECH®

NEO TECH® is the culmination of extensive efforts in research and development; done with the intention of bringing a paradigm shift in the Indian Textile industry. Post the acquisition of GBTL (formerly known as GRASIM Suiting) and

SCIENCE IN INDUSTRY

OCM, the Donear Group formally carved a niche for a R&D wing and that was the advent of the NEO TECH® Center of Excellence.

The Group has been a pioneer in introducing a lot of innovative products in the market in the past as well with products such as STREEZA (4-way stretch fabric), ICE-touch (making you 5 degrees cooler) and Uncrushables (for wrinkle resistance) amongst others, which are continuing to fare extremely well.

However, in the wake of COVID-19, a cross-functional/ cross-discipline team formed with industry stalwarts, illustrious chemical suppliers and technological institutions. With a goal to develop fabrics that are high quality, utilitarian and have a shield against bacteria and viruses alike. The fabric is revolutionary and has been certified by top-laboratories such as NABL accredited Bio Tech Services.

Leveraging NEO TECH® techniques, the Donear Group has developed specially designed

anti-viral and anti-bacterial fabrics that inhibits growth and retention of micro-organisms, making them safe and hygienic. NEO TECH® anti-viral fabrics have been certified safe to wear/ use for any kind of garment-suits/ jackets/ trousers. These fabrics retain their properties up to even 50 washes, and are suited for everyday wear.

In addition to the anti-microbial collection, NEO TECH® Center of Excellence has also incubated a host of different performance products which are set to change the game of fabric as well as apparel industry.

For further information, please contact :

Priyanka Mani

M : +91 8527239116

Wizspk Communication PR Pvt. Ltd

Mumbai Office :


5 Satyadev Plaza



A Behind Bhagwati House

A Fun Republic Cinema Lane

Tel. Board : 022 4200 1400




www.bharatbeams.com

Weaver Beams

Weaver Beams for Picanol, Toyota, Tsudakoma, Sulzer, Dornier, Somet, Vamatex and other types of Airjet and Rapier Weaving machines in single section and double section construction with or without differential motion up to 1250 mm flange diameter and 540 cms working width.

Warper Beams

Dynamically balanced warper beams for Benninger, Karl Mayer, Hacobas, Prashant West-Point, Ramallumin, Jupiter Comtex and other high speed warping machines suitable for spun and filament yarn. Flange diameters upto 1600 mm and warping widths up to 2800 mm.

We also manufacture Warper and Weaver Beams suitable for Synthetic Industry and for Technical Textiles.

Manufactured by :

BHARAT BEAMS

PRIVATE LIMITED

Manufacturers of Weaver's Beams & Dynamically balanced Warper Beams

Plot No. 10/3, Phase I, G.I.D.C., Vatva Industrial Estate, Ahmedabad - 382 445. INDIA.

Ph. : +91 79 29706768 / 40321148.

E.mail. : snehal@bharatbeams.com, jcpanchal@bharatbeams.com

Oerlikon

Oerlikon Nonwoven supplying high-end meltblown technology to FleeceforEurope Protective masks for Europe

Two companies newly-established in Germany to manufacture and distribute high-end protective masks were in the spotlight at the beginning of May: with FleeceforEurope and Lindenpartner, Düsseldorf-based Kloeppel Group purchasing consultancy and Berlin-based industrial consultancy Bechinger & Heymann Holding plan to manufacture and distribute up to 50 million protection class FFP1 through FFP3 respiratory masks a month exclusively for the European market from the beginning of fall. And the primary focus will be on quality. With protective masks – including those used in operating rooms – this quality is provided above all by virus-absorbing nonwovens. And these will be manufactured by the new venture 'FleeceforEurope' in Germany using an Oerlikon Nonwoven meltblown system.



Marc Kloeppel, CEO of the Kloeppel Group, and Rainer Straub, Managing Director of Oerlikon Nonwoven (right), signing the contract for the purchase of a new Oerlikon Nonwoven meltblown technology system

But all masks are not created equally. For this reason, protection against infections such as coronavirus can only be guaranteed with the right quality. On the one hand, this relates to how the masks are made. On the other hand, it is above all – as is so often the case – about what's inside. Because the nonwoven used in protection class FFP1 through FFP3 respiratory masks plays a decisive role.

Here, the globally-leading and long-established meltblown technology from Oerlikon Nonwoven

will be deployed. In a special, patented process, the fibers laid into a nonwoven fabric during manufacture are subsequently electrostatically-charged, before the material is further processed downstream. Inquiries from all over the world "Our patented electrostatic charging ensures that even the smallest particles, and therefore also viruses, are drawn in and absorbed by the



Marc Kloeppel, CEO of the Kloeppel Group, and Rainer Straub, Managing Director of Oerlikon Nonwoven (left), viewing the Oerlikon Nonwoven meltblown laboratory system in Neumünster, Germany

nonwoven fabric for several hours. As a result of the comparatively loose formation of the fibers, the wearer can nevertheless breathe in and out easily", explains Rainer Straub, Managing Director of Oerlikon Nonwoven with pride. And rightfully so. Because Oerlikon is currently dispatching one meltblown system after the other. "We identified the situation early on and have adapted to demand. We started manufacturing in advance at the beginning of the year and can now start reliably delivering and quickly assembling systems and, due to our global Oerlikon Manmade Fibers segment network, we are able to offer the necessary service as well", explains the experience engineer. Currently, the company is receiving inquiries from across the globe, but specifically also from Europe and from Germany itself.

"The Federal States all currently want to be self-sufficient in order to better control the so-called critical infrastructure in the future. The investment program announced by Germany's Federal Minister for Economic Affairs Peter Altmaier this week will additionally boost the demand for our meltblown technology", continues Straub.

SCIENCE IN INDUSTRY

European market for protective masks with a promising future

Those responsible at Oerlikon Nonwoven and FleeceforEurope, which will primarily focus on producing high-end nonwovens, and Lindenpartner, which will manufacture and distribute the protective masks, are certain of one thing: the market for protective masks has a very promising long-term future in Europe. What has been commonplace in Asia for many years now will also become normal in Europe. People will be increasingly wearing face masks when venturing out, in order to better protect themselves against health risks such as the current pandemic and also against increasing environmental pollution in the form of fine particles and exhaust fumes in the future.

"We didn't know what meltblown technology was three months ago. We helped our customers procure protective masks, at the same time discovering the in part hair-raising conditions in



Philipp Heymann, CEO of Lindenpartner, has Oerlikon expert Juliane Müller-Weigel explain the benefits of an Oerlikon Nonwoven meltblown technology system

the global markets", explains Marc Kloepfel, CEO of the Kloepfel Group. According to him, around 200 businesses in China were manufacturing protective masks until 2019, a figure that has meanwhile risen to include thousands of micro-

Delivering Qualitative Excellence

Our expertise and continuous improvements in quality has made us deliver efficient products, allowing you to increase efficiency and gain competitive advantages

Range of Products

- Cot grinding - GCGH - 200 machine
- Cot grinding - GCGHY - 200 machine
- Eccentricity & taper tester machine
- Ultra violet treatment machine
- Top roller calendering machine
- Top roller greasing machine (Vertical)
- Top roller greasing machine (Automatic)
- Top roller de - greasing machine
- Clearer roller cleaning machine
- Fluted roller truing machine
- Cot mounting machine (Hand/Pneumatic)



GAYATRI TEXTILE MACHINES

17, Harshad Ind. Estate, Margha Farm Compound, B/h. L.B.S. Stadium, Bapunagar, Ahmedabad-380024. Gujarat (India).
Tel: +91 79 2277 5403 / Telfax: +91 79 2277 9216 / Email: gayatrirr@rediffmail.com / Website: www.gayatritextmach.com

producers. "And there is a lot of very poor quality on the market and, unfortunately, counterfeits as well. But customers from all over the world are knocking on the door with bags of cash and buy everything they can get their hands on – even items that may have been stolen further up the supply chain." The prices have practically exploded. "While masks used to cost ten cents to purchase, prices has risen to two euros or more during the coronavirus crisis", explains Philipp Heymann, CEO of Lindenpartner. However, there is – as in the case of many other industrial and consumer goods – a huge level of dependency on Asia, and China in particular, among Europeans and Americans. In order to become competitive here, the focus will be on state-of-the-art production processes for manufacturing protective masks. "At the end of the day, we will be able to manufacture products in Germany at Chinese prices as a result of our automation technology", explains Heymann.



The Oerlikon Nonwoven meltblown technology is recognized by the market as being the technically most efficient method for producing highly-separating filter media made from plastic fibers

Medical face masks from a vending machine

Mask producer Lindenpartner has already secured supplies of nonwovens and will be producing face masks for the European healthcare sector over the coming weeks. To fight the coronavirus pandemic, Lindenpartner is planning to install 100 self-service face mask vending machines in Germany over the next four weeks, positioning them in publicly-accessible places such as shopping centers and airports, for example. FFP2 masks will initially cost around five euros from vending machines. As soon as Lindenpartner is able to manufacture the masks with its own nonwoven fabrics, prices will fall to approx. 2 to 3 euros.

For further information, please contact :

Claudia Henkel

**Marketing, Corporate Communications
& Public Affairs, Oerlikon**

Tel : +49 4321 305 105

Fax : +49 4321 305 212

claudia.henkel@oerlikon.com

André Wissenberg

**Marketing, Corporate Communications
& Public Affairs, Oerlikon**

Tel : +49 2191 67 2331

Fax : +49 2191 67 1313

andre.wissenberg@oerlikon.com □

Textile yarn manufacturer Fujian Billion kicks off industrial yarn production

Largest single industrial yarn order placed with Oerlikon Barmag

From the end of this year, the southern Chinese yarn manufacturer Fujian Billion Polymerization Technology Industrial Co., Ltd. will be producing industrial yarns using systems supplied by Oerlikon Barmag. With this, the company – considered to be the largest polyester yarn manufacturer in southern China – is now also entering the industrial yarn market.

With 124 positions and a capacity of around 250,000 tons per annum, this project is the largest single industrial yarn order placed with Oerlikon Barmag to date. And with this order, the southern Chinese yarn manufacturer instantly positions itself as one of the ten largest Chinese industrial yarn producers. "The systems at Fujian Billion come with our latest draw unit design, which has been optimized for use with Oerlikon Barmag automation solutions", comments Roy Dolmans, Head of Development for the Industrial Yarn Process. As a result, the newcomer in the industrial yarn sector is now superbly equipped for the future.

The well-known company – located in the Chinese Fujian Province – will be predominantly manufacturing high-tenacity (HT) and low-shrinkage (LS) yarns from the end of this year. These sophisticated yarns are deployed both in the automotive, geotextiles and safety sectors (HT yarns) and in the manufacture of coated industrial textiles such as truck tarpaulins and tents (LS yarns).

Founded in Jinjiang, Quanzhou, in 2003, Fujian Billion Polymerization Technology Industrial

SCIENCE IN INDUSTRY



And the new Oerlikon Barmag systems at Fujian Billion will also be used to manufacture yarns for the automotive sector

Co., Ltd. is one of the top 500 privately-owned enterprises in China. Annually, the yarn manufacturer produces around 2.8 million tons of filament yarn and ethylene-propylene side-by-side (ES) fibers.

For further information, please contact :

Susanne Beyer

**Marketing, Corporate Communications
& Public Affairs, Oerlikon**

Tel. +49 2191 67 1526

Fax +49 2191 67 1313

susanne.beyer@oerlikon.com

André Wissenberg

**Marketing, Corporate Communications
& Public Affairs, Oerlikon**

Tel. +49 2191 67 2331

Fax +49 2191 67 1313

andre.wissenberg@oerlikon.com □

Schleswig-Holstein Minister President visits Neumünster, Germany

Oerlikon Nonwoven meltblown technology since outbreak of the Coronavirus pandemic in a record demand across the globe

Since the outbreak of the coronavirus pandemic, the worldwide demand for protective masks and apparel has resulted in a record number of new orders in the high double-digit millions of euros at the Oerlikon Nonwoven business unit of the Swiss Oerlikon Group. From the manufacturing site in Neumünster, Germany, the high-tech meltblown systems – with their patented ecutEC+ nonwovens electro-charging technology – are meanwhile be exported all over the world. For the very first time, a contract has now been signed with a business in Australia. Today, Schleswig-Holstein's Minister President Daniel Günther

was won over on site by the technology of a 'global player'. Rainer Straub, Head of Oerlikon Nonwoven, was thrilled, stating: "The machines and systems for manufacturing manmade fiber and nonwovens solutions from Neumünster enjoy an outstanding reputation throughout the world. It is especially in this crisis that the technology from Schleswig-Holstein has proven itself to be absolutely world-class."

In addition to a tour of the meltblown system and its assembly and production facilities, the visit by Minister President Daniel Günther had one purpose above all: the dialog between politicians and business. Rainer Straub, Head of Oerlikon Nonwoven, and Matthias Pilz, Head of Oerlikon Neumag, jointly expressed their thanks for the support that Oerlikon has repeatedly had the fortune to experience over the past months and years in Schleswig-Holstein and looked to the future full of hope. "As a result of our additional investment at the site here in Neumünster – be this in our new technology center that will be

Slub-O-Generator
A Trusted name in the field of Slub/Fancy Yarn Making Equipments
All Type Slub Yarn Making Devices

Offer various popular Slub Yarns for Eye Catching Effects

Reliable quality, Remarkable performance and Best after sale service

BEA Electronics
A Unit of Fancytex Global Pvt. Ltd.

12-B, Indl. Estate, Birla Nagar, Gwalior-474004 (M.P.) INDIA
Ph.: +91-751-2423856, +91-9301101572
E-mail : info@fancytex.com; skaushik@fancytex.com
Website : www.beaelectronics.com

completed by the end of this year or in our new logistics center that is already operating – we, as one of the region's largest employers, are continuing to move forward, supported by a State Government that is also focusing on both promoting industry and business and on advancing an efficient training and educational system, as innovation is only possible with outstanding engineers", stated Matthias Pilz. And Rainer Straub directed his appeal specifically at the Minister President: "Treat education and training as a priority. Ultimately, they will secure the future of Schleswig-Holstein as a center of excellence and manufacturing!"



Daniel Günther (2nd from left), Schleswig-Holstein's Minister President, together with Rainer Straub, Head of Oerlikon Nonwoven, Matthias Pilz, Head of Oerlikon Neumag, and Matthias Wäsch, Chairman of the Works Council, at the tour of the Neumünster site where the Oerlikon Nonwoven meltblown technology—currently in huge demand across the globe—is manufactured

Five-million-euro digitalization program

Daniel Günther, the incumbent Minister President of Schleswig-Holstein since 2017, immediately responded, making reference to one of the Federal State's current training initiatives: "The State Government is supporting higher education institutions and students in the present coronavirus crisis. With a five-million-euro digitalization program, we are investing on the long-term digitalization of our higher education institutions. With this, we are overall creating a future for young people, particularly also for those who could very well go on to invent the next generation of manmade fiber systems."

And the Minister President was just as impressed by the willingness and readiness with which Oerlikon has been providing high-level support since the beginning of the COVID-19

pandemic to master the present challenges as he was with the company's meltblown technology itself. Rainer Straub explained: "When, at the beginning of the pandemic in February, demand for protective face masks increased rapidly, we at Oerlikon Nonwoven responded immediately. We ramped up all the available production capacities here in Neumünster in order to quickly manufacture nonwovens for producing face masks using our laboratory systems. As a result, we have been able to make a small, regional contribution to covering demand. In parallel, we have pulled out all the stops in order to systematically further expand our skills as machine and system builders so as to cater to the initially expected, and now also continuing, global demand for meltblown systems as quickly as possible."

Leading meltblown technology

The Oerlikon Nonwoven meltblown technology – with which nonwovens for protective masks can also be manufactured, among other things – is recognized by the market as being the technically most efficient method for producing highly-separating filter media made from plastic fibers. The capacities for respiratory masks available in Europe to date are predominantly manufactured on Oerlikon Nonwoven systems. "Ever more manufacturers in the most diverse countries are hoping to become independent of imports. Therefore, what we are experiencing in Germany is also happening in both industrialized and emerging countries throughout the world", commented Rainer Straub. In addition to China, Turkey, the United Kingdom, South Korea, Austria and numerous countries in both North and South America, Australia and not least Germany will for the first time also be among the countries to which Oerlikon Nonwoven will be delivering machines and equipment before the end of 2021.

About Oerlikon

Oerlikon (SIX: OERL) develops modern materials, systems and surface technologies and provides specialized services aimed at securing high-performance products and systems with long lifespans for customers. Supported by its technological core competencies and its strong financial footing, the corporation continues its medium-term growth plan by implementing three strategic factors: focusing on attractive growth markets, ensuring structural growth and expanding through targeted M&A activities.

SCIENCE IN INDUSTRY

Oerlikon is a globally-leading technology and engineering corporation, operating its business in two segments (Surface Solutions and Manmade Fibers) and employing around 11,000 members of staff at 182 sites in 37 countries worldwide. In 2019, Oerlikon generated sales of CHF 2.6 billion and invested more than CHF 120 million in research & development.

For further information: www.oerlikon.com



The Oerlikon Nonwoven meltblown technology is recognized by the market as being the technically most efficient method for producing highly-separating filter media made from plastic fibers

About the Oerlikon Manmade Fibers segment

With its Oerlikon Barmag, Oerlikon Neumag and Oerlikon Nonwoven brands, the Oerlikon Manmade Fibers segment is one of the leading providers of manmade fiber filament spinning systems, texturing machines, BCF systems, staple fiber systems and solutions for the production of nonwovens and – as a service provider – offers engineering solutions for the entire textile value added chain.

As a future oriented company, the research and development at this division of the Oerlikon Group is driven by energy-efficiency and sustainable technologies (e-save). With its range of polycondensation and extrusion systems and their key components, the company caters to the entire manufacturing process – from the monomer all the way through to the textured yarn. The product portfolio is rounded off with automation and Industrie 4.0 solutions.

The primary markets for the product portfolio of Oerlikon Barmag are in Asia, especially in China, India and Turkey, and – for those of Oerlikon Neumag and Oerlikon Nonwoven – in the USA, Asia, Turkey and Europe. Worldwide, the segment – with just under 3,000 employees – has a presence in 120 countries with production,

sales and distribution and service organizations. At the R&D centers in Remscheid, Neumünster (Germany) and Suzhou (China), highly-qualified engineers, technologists and technicians develop innovative and technologically-leading products for tomorrow's world.

For further information: www.oerlikon.com/manmade-fibers

For further information, please contact :

André Wissenberg

**Marketing, Corporate Communications
& Public Affairs, Oerlikon**

Tel : +49 2191 67 2331

Fax : +49 2191 67 1313

andre.wissenberg@oerlikon.com



Groz-Beckert

Hub of the knitting world

Groz-Beckert where unique expertise for needles resides

The Groz-Beckert Knitting division produces and distributes more than 50,000 products for the fields of circular knitting, legwear, flat knitting, and warp knitting. Besides high-performance needles and system parts for all kinds of knitting machines, the product range also includes knitting cylinders for large-diameter circular and seamless bodysize machines.

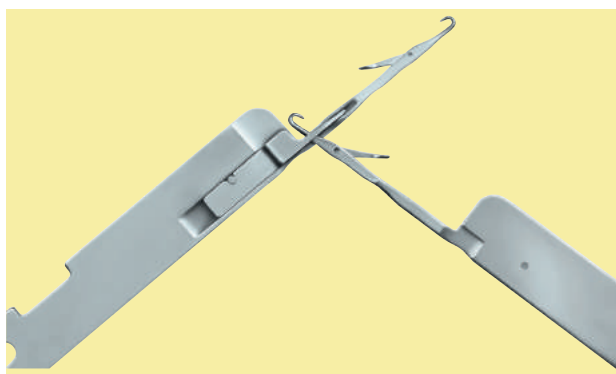
The clicking sound of knitting needles might be part of some readers' childhood memories of their grandma making socks. Today, instead of nimble fingers there is a wide range of machines taking over the task of knitting socks and other sophisticated fabrics.

Circular Knitting

Single and double cylinder machines as well as single cylinder machines with dial have become standard for legwear. Transfer techniques used on single cylinder machines with dial additionally allow to produce a variety of patterns. These machines are offered with typical diameters from 3.5 to 6 inches, whereby depending on the gauge, needles with a thickness from 0.26 mm to 1.55 mm are employed. Groz-Beckert offers a range of more than 1,800 high quality needles for socks, hosiery and small diameter circular knitting machines.

Typical application fields in large-diameter circular knitting include the manufacture of outerwear such as T-shirts, leisure and sportswear,

underwear and sleepwear, among them bra fabrics, and technical textiles such as smart shirts. These knitted fabrics are manufactured as endless tubular fabric by a circular array of knitting needles. In double-jersey machines, needles are arranged in both the cylinder and the dial, while single-jersey machines use knitting machine needles as well as sinkers. Knitting technologies only show to advantage with quality components in place. That's why knitters and machine builders like to partner with Groz-Beckert, the world's leading provider of industrial machine needles. At Groz-Beckert, all the components of a knitting system are precisely inter-coordinated. The perfect interaction between knitting machine needles and system parts guarantees an even, flawless loop formation process.



Warp Knitting

Uniform and flawless quality is a must – and a challenge – in warp knitting. Extreme loads in the loop forming process due to mechanical and chemical influences cause premature wear and rust. The causal factor of particularly pronounced forms of wear are usually abrasive yarns. In the case of natural fiber yarns, these are typically contaminants that are harder than steel, and in chemical fiber yarns, which are treated to induce matting, the culprits are titanium dioxide crystals protruding from the yarn surface and literally sawing into the steel. At Groz-Beckert all components of a warp knitting system are wear and rust protected as well as precisely coordinated with one another. The perfect interaction of needles and system parts guarantees a uniform and flawless warp knitting process.

Apart from high-performance needles, for the warp knitting industry the company also offers system parts for tricot, stitch bonding, Raschel, and crochet machines, available as individual parts and as modules.

Flat Knitting

Modern flat knitting machines not only carry out complex loop forming sequences, they also have to cope with wide-ranging functional requirements and the most stringent aspirations. Alongside a wide variety of patterning and color possibilities, end customers also demand flexible use of yarn. Latch needles, compound needles and system parts are a vital component at the heart of every flat knitting machine. The exceptional surface quality of Groz-Beckert needles in the areas of the transfer clip and stitch support, the inside arch of the hook, and the latch head, guarantees the gentlest possible treatment of the yarn during loop formation. Their extreme dimensional accuracy in terms of transfer clip and latch seat positioning, and the latch design itself, ensure a consistently high standard of fabric quality.



What is good for fashion also is good for business: An increase in profitability and productivity can be achieved with the reduced needle consumption and improved process reliability during the transfer process due to exceptional surface quality and high dimensional accuracy. Furthermore, satisfied customers are guaranteed with consistent, flawless fabric quality.

SCIENCE IN INDUSTRY

anda minimum of subsequent work required. Flexibility in terms of patterning possibilities and yarn input opens up scope for whole new fields of business.

Groz-Beckert's offer to the knitting industry is completed by detailed services including personal application advice, textile testing as well as needle oil and damage analyses. At the company's own Technology and Development Center expert support and innovative development partner with know-how and knowledge of the industry. Behind products and services is a workforce of more than 9,000 employees world-wide dedicated to excellence in development and manufacture – and the provision of sound customer support.

For further information, please contact :
Groz-Beckert



N9 World Technologies Pvt Ltd

N9 World Technologies provides Swiss Antiviral performance for India with Global Antimicrobial Reach

N9 World Technologies, India signed an agreement with Consolidated Pathways Inc., USA to incorporate unique Swiss antiviral and antimicrobial technologies into sustainable, cost effective custom blends for the textile industry.

N9's special offerings provide antiviral performance against the Coronavirus bringing proven hygiene function and material protection to the Textile industry.

Based in Michigan, Midland USA, Consolidated Pathways is a brand & technical representative for Sanitized® products, and supports the advancement of the trusted Sanitized® Quality Seal and related branding concepts to the global textile industry.

ISO 9001:2008 COMPANY

MEHRA WAX ROLLS



**100%
QUALITY**

SPECIAL FEATURES:

- Mehra Wax Roll has suitable hardness to avoid uneconomical consumption and will result cost saving
- Mehra Wax rolls are Eco-friendly Bio-degradable, Free from Silicones and Penta Cholro Phenol
- Available Gots Certified Wax Rolls with Certificate



Under Certificate Number - C813639SUPPTEx01.2009

Manufactured by:



MEHRA WAX PRODUCTS PVT. LTD.

D-99, New Focal Point, Amritsar - 143 006, Punjab, India.
(T) 0183-2109100, 2109200, (M) +91- 98888 77000, Email: mehrawax@gmail.com

Consolidated Pathways is partnering with N9 World Technologies in support of its antiviral and antimicrobial custom blended products that, when properly applied can utilize the highly regarded Sanitized® Quality Seal.

N9 World Technologies Pvt Ltd, a wholly owned subsidiary of Resil Chemicals, is based in Bengaluru, India and is a manufacturer & marketer of specialty chemicals in Antibacterial, Cooling & Dynamic Drying technologies. It enjoys the trust of over 150 brands and retailers in India for its products like COOLITM, NeudriTM, N9 Pure SilverTM, etc. This partnership will now allow both companies to offer unique performance benefit platforms to the global textile industry.

Mr. Vikram Rao, Managing Director of N9 World Technologies has said "With this partnership, N9 World Technologies is now a 'One Stop Shop' for Global Brands & Retailers who are seeking innovative and sustainable speciality finishes for their textile products. A worldwide business development team is already in place for marketing and servicing customers with these proven technologies with global regulatory approvals."

Mr. James Krueger, CEO of Consolidated Pathways added "We are excited to partner with N9 World Technologies. This partnership provides a unique combination of technologies, market information and expertise that can help brands and retailers enhance their products in ways that are meaningful to consumers."

About N9 Technology

A globally recognized organisation, N9 World Technology is committed to offering well-researched solutions in the hygiene and wellness space to our customers by constantly developing next generation technologies that are sustainable. They are part of a renowned group Resil Chemicals one of Asia's leading innovative formulators of silicone for textiles, having heritage of more than 25 years of product development and innovation for the textile industry.

<http://n9world.com/>

For further information, please contact :
Zarna Banerjee
banerjeezarna16@gmail.com
8080045208



Tex-Tech Industries (India) Pvt. Ltd.

A brief profile of Tex-Tech Industries

Tex Tech Industries (India) Pvt. Ltd. has started in the year 1975 as a Partnership company by Late. Shri S. Srinivasan to manufacture Spare parts for cotton combers. It was the first company to manufacture New Nipper Assemblies in India.

Tex Tech specializes in manufacture of Hi-performance Retrofit kits to up-grade older generation Combers to the latest 3rd generation for achieving optimum removal of noils along with improved yarn quality levels.

Tex Tech is the only company to manufacture all types of technological Spare parts as OEM replacements for all models of Combers.

Tex Tech carry stocks of all spare parts for all modern combers and serves the Textile industry by immediate supply at competitive rates.

Tex Tech has a global presence with exports to countries like China, Egypt, Turkey, Indonesia, Vietnam, Argentina, Italy, Spain, Peru, Brazil, Bangladesh, Thailand, Iran, Pakistan, USA etc.

Tex Tech's state of art infrastructure in terms of manufacturing facility is a perfect example of fusion between 40 years of expertise with progressive technologies. This concept of Continuous improvement coupled with an earnest desire to be among the best keeps it pushing forward.

Tex-Tech's presence in production of Green Energy by its products

Tex Tech is also into production of Green Energy by installing its Own Wind Mills.

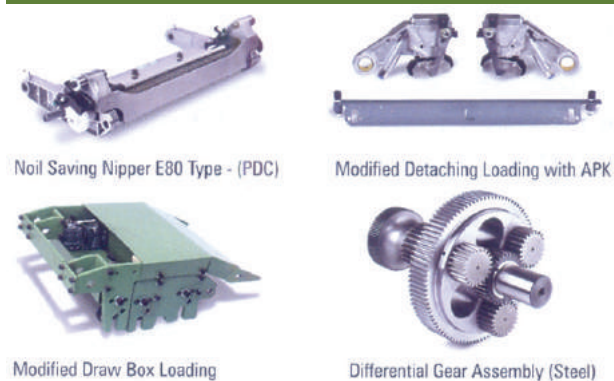
Hi-Performance Retrofit Kit E65 type for E7/5, E7/5A, E7/6, E60, E60H & E62 Combers



Benefits :

- » 15-20% increase in production levels
- OR
- » 1-1.5% saving in Noil
- » 10-12% improvement in IPI and Classmate levels

SCIENCE IN INDUSTRY



- » Lower Nep levels due to modified Nipper Geometry
- » Enhanced Nipper life due to improved construction
- » Consistency in U% levels
- » Shortest Pay Back.

Hi-Performance Retrofit Kit E65 type for LK 54 & LK 64 Combers

Benefits :

- » 15-20% increase in production levels
OR
- » 1-1.5% saving in Noil



- » 10-12% improvement in IPI and Classmate levels
- » Lower Nep levels due to modified Nipper Geometry
- » Enhanced Nipper life due to improved construction
- » Consistency in U% levels
- » Shortest Pay Back.

Hi-Performance Retrofit Kit E60H type for LR E7/4 & LK 250 Combers



Benefits :

- » 15-20% increase in production levels
OR
- » 1-1.5% saving in Noil



- » 10-12% improvement in IPI and Classmate levels
- » Lower Nep levels due to modified Nipper Geometry
- » Enhanced Nipper life due to improved construction
- » Consistency in U% levels
- » Shortest Pay Back.

Hi-Performance Retrofit Kit for Sliver LAP E2/4A & Ribbon LAP E4/1A



Converted Sliver Lap E2/4A



Converted Ribbon Lap E4/1A

Benefits :

- » 15-20% improvement in production rates due to process of heavier lap weights (68 gms).
- » Reduction in Thick & Thin Places due to uniform loading on Top rollers
- » Improvement in Mean Length of lap due to effective drafting



- » Removal of flies and loose fibres due to stripper arrangement.

For further information, please contact :
Tex-Tech Industries (India) Pvt. Ltd.
 27-D, V.N. Industrial Estate, Bharathi Colony
 Peelamedu, Coimbatore-641 004, India
 Off : 2566667, 2560078, 2562796
 Fax : 00-91-422-2560828
 Email : textech@textechonline.com
 Website : www.textechonline.com □

Gayatri Textile Machines

Features of some exportable machines manufactured by GTM

Gayatri Textile Machines, Ahmedabad is the leading manufacturer and exporter of complete range of Spinning Roll Shop Machines, like Cot Grinding Machine, U.V. Treatment Machine, Spindle Lubricating Machine with auto leveling system, Top Roller De-greasing Machine, Cots Mounting & De-mounting Machine (Manual, Pneumatic & Hydraulic Models), Fluted Roller Truing Machine, Flocked Clearer Roller Cleaning Machine, Top Roller Greasing Machine, Cot Eccentricity & Taper Tester etc. with all India sales & services network. since so long. Features of some machines are as under:

GAYATRI COT GRINDING MACHINE (MINI MODEL WITH AUTO FEEDING SYSTEM)

We have developed this new Mini model for the spinning mills who are going for expansion of Spg. Dept. where spindles are increased. This machine is hydro pneumatically operated and is suitable to grind all kinds of top rollers of R/F and S/F only with 200mm Emery by the help of specially designed pneumatically operated Centreless grinding attachment with Auto Feeding System controlled by digital LCD electronic timer. You can change only holder as per drafting, without removing grinding

SCIENCE IN INDUSTRY

stone, centreless attachment. Machine is having automatic dressing system, high efficient dust extraction unit with surface finish/accuracy as per the International standards and high productivity with very less maintenance and very economical price.



GAYATRI COT GRINDING MACHINE (MODEL GCGH-200-AF)

This machine has been sophisticatedly designed to perform vibration free for high accuracy, high productivity, with very less maintenance. Machine is Hydro-Pneumatically operated to grind R/F and S/F top rollers only on pneumatically operated Centreless Grinding Attachment by moving Grinding Stone forward / backward and Oscillating movement. We can able to load 75 – 80 R/F or S/F top rollers at a time in adjustable magazine which will come one by one for grinding automatically with auto feeding system, controlled by digital LCD electronic timer. We have provided automatic dressing of grinding stone without changing any attachment & high efficient dust extraction unit. You can also use another side to grind longer rollers like Draw frame & Comber between centre with the help of MT2 dead centre by 25 mm. wide emery and hydraulically operated table traverse motion.

The quality of our products are well accepted by Indian as well as Overseas customers, since our equipments are working with smoothly and maintenance free. We have exported our products in Global Market.

We are updating and making necessary design changes/modifications in our range of products by studying customer's exact requirements to cater the ever-increasing demand on quality and the requirements of our customers. Hence our products are successfully competing with others.

Last but not least, our entire team are working under one roof.

For further information, please contact
Gayatri Textile Machines,
 17, Harshad Ind. Estate,
 Margha Farm Compound,
 Behind L.B.S. Stadium, BAPUNAGAR
 AHMEDABAD - 380 024
 Telephones : (079) 22775403
 Fax : (079) 22779216
 E-mail : gayatrirr@rediffmail.com
 Web-Site: www.gayatritextmach.com



ECOTEX

SALENT FEATURES OF
SSK-06 Pure woolen Model
1st Model of ASJA W27H
The p-Extra Drive Technology
SSK 06 UK / DH / Dual



- ☛ Direct Fitting on Any R/F.
- ☛ Mechanical Direct Smooth p-Extra Drive Technology.
- ☛ Antipatterning & Patterning Yarn.
- ☛ Individual Control on Distance, Thickness & Length of Slab.
- ☛ No Speed Loss • High production Model.
- ☛ Count Range 6's to 80's.
- ☛ Any Blend, any count, any twist
- ☛ Precise Repeatability, No Chain Drive System.
- ☛ Upto 200 Slabs/Minute.
- ☛ Upto Four Sentinels System & in 10 Million Slabs one slab can be checked. (MOST Advanced Auto mechanism)
- ☛ Cascading of SLUBMOTION Possible.
- ☛ All Models for OPEN End, R/F, Silk, Woolen, Chinese R/F Etc.

SlubMotion®
www.slubmotion.com

Spinning With Technology

NOW THE SPINNERS CAN RUN THE FRAMES UPTO 21000 RPM ON SLUBBING PROCESS. NO SPEED LOSS IN SLUBBING NOW

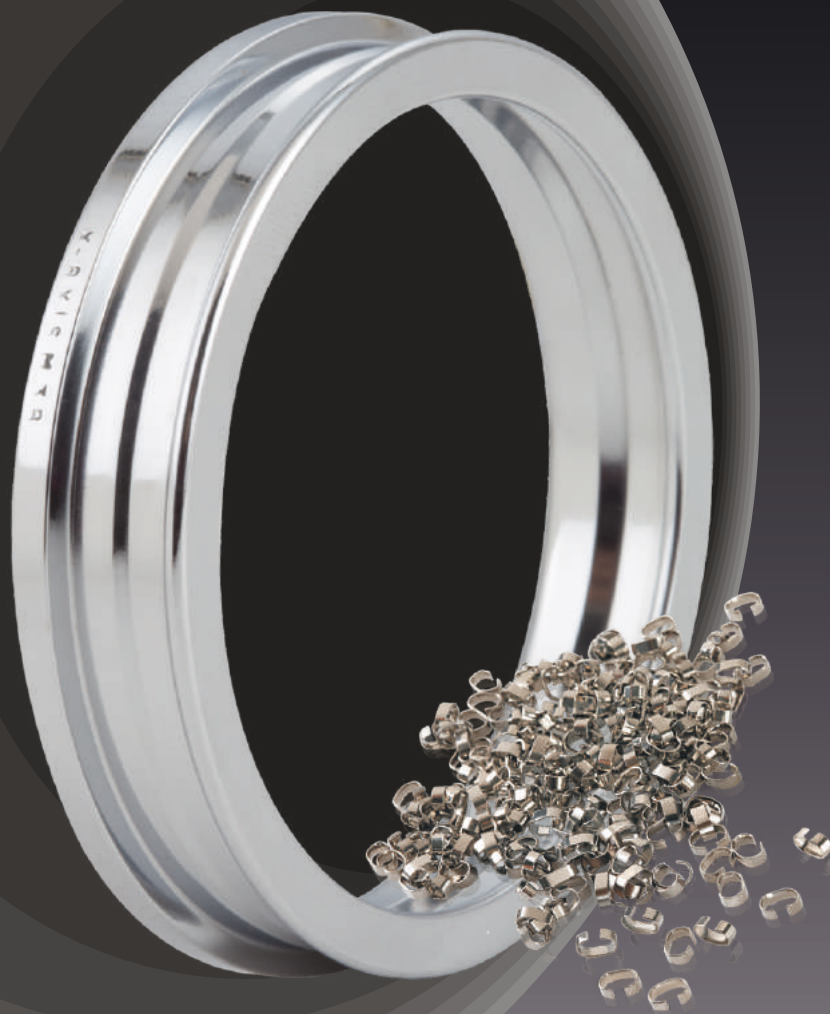
We are the leaders of Spinning Fashion Technology

Hi-Speed Production Model.



Mfgd. In India by :
INDUSTRIAL ELECTRONIC CORPORATION
 IECOTEX HOUSE, Doodhwa OH, Lashkar
 Gwalior-474001 MP (INDIA)
 Ph. +91-751-2625442, 2625217
 Fax +91-751-2626756
 email: rkkhetan@iicy.com, iecotex@sancharnet.in
 web : www.iecotex.com www.slubmotion.com
 Mobile : 94251 09456, 94251 21156

EXPERIENCE THE POWER OF NEXT



UNLOCK THE NEXT-GEN SPINNING QUALITY

The X-Axis' NEXT manufacturing process combines precision engineering and top of the line technologies, leading to excellence across every quality parameter.

the ~~X~~-axis[®]
— OCL —

Short Staple & Long Staple
Spinning Rings & Ring Travellers

RIMTEX ENGINEERING PVT. LTD. (an ISO 9001:2015 TUV certified co.)
2701 GIDC, Phase IV, Wadhwan-363035, Gujarat. India.
Tel : +91 2752 243 322 | 241 088 | rings@rimtex.com | theXaxis.in

Lets
Promote
Quality

Better
— — —
OUTPUT CONSISTENCY LONGEVITY

LIKE / FOLLOW / SUBSCRIBE    

Yet another innovation by RIMTEX

SAME CAN SIZE, SAME MACHINERY,
MORE SLIVER CAPACITY!

much **more** ^{than the} **most**



- RIMTEX has successfully re-designed the Sliver Cans to increase the sliver loading space inside the Can.
- Effectively adds more than 10% (approx) space for sliver loading in the Can.
- Gain **10% more** sliver space in your Carding Cans.

Imagine. Invent. Transform >

SUMO
CANS

*Patent Pending

Ideally suited for 1000 mm & 1200 mm dia. cans

**TRENDING
INNOVATIONS**

**Lets
Promote
Quality**

**1992 den
berî şerit
işleme.**

LIKE / FOLLOW / SUBSCRIBE [f](#) [t](#) [in](#) [v](#)

Manufactured In India By :

Rimtex Industries (an ISO 9001:2015 Company) :

1514 GIDC, Phase IV, Wadhwan-363035, Gujarat. India.

Tel : +91 2752 243 322 / 241 088 | Fax : +91 2752 243 726

www.rimtex.com | Email : info@rimtex.com

INDEX TO ADVERTISERS

AUGUST 2020

Name	Page	Name	Page
Agma Products	*	Oerlikon Textile GmbH Co. KG	*
Allwin Industries	*	OM Corporation	10
ATE Enterprises Pvt. Ltd.	*	Peass Industrial Engineers Pvt. Ltd.	C-IV
Associated Autotex Ancillaries Pvt. Ltd.	*	Precision Rubber Industries Pvt. Ltd.	C-I
Auxichem	12	Premier Evolvics Pvt. Ltd.	*
Bea Electronics	63	Puja Textile Industries	*
Bharat Beams Pvt. Ltd.	59	Rabatex Industries	*
Darshana Trading Co.	*	Rieter India Pvt. Ltd.	*
Dhara Engineering Works	*	Rimtex Industries	72, 73
Elgi Electric and Industries Ltd	*	RMP Bearing Limited	4
Flexaflex Hoses Industries	*	Sakthi Textile Engineers	*
Gayatri Textile Machines	61	Skaat Machine Works India Pvt. Ltd.	*
Girish Textile Industries	*	S. B. Dye Springs (India) Pvt. Ltd.	*
Indian Dye Springs Co.	8	Sheeba Engineering Co.	*
Industrial Electronic Corporation	71	Shree Ram Textile	*
Inspiron Engineering Pvt. Ltd.	*	Shree Tex Corporation	*
ITMA-ASIA + CITME-2021	56	Simta Group of Companies	3
Jumac Manufacturing Pvt. Ltd.	*	Sriji Sparecraft Impex Pvt. Ltd.	*
K. B. Metalic Industries	*	Sumanlal J. Shah & Co.	*
KCI Bearings (India) Pvt. Ltd.	*	Sumanlal J. Shah Sons (P) Ltd	*
Lakshmi Machine Works Ltd.	*	Sunrise Industries	*
Lakshmi Ring Travellers (CBE) Ltd.	*	Technocraft Industries	*
Laxmi Shuttleless Looms Pvt. Ltd.	*	Tech Mech Engineers	*
Laxmi Textile Products	*	Techno Electronics & Instruments	*
Loepfe Brothers Ltd.	*	Texo Cams (India)	*
Maksteel Wire Healds Pvt. Ltd.	*	Tex-Tech Industries Pvt. Ltd.	C-III
Mag Solvics Pvt. Ltd.	C-II	Texlab Industries	*
Mangal Singh Brothers Pvt. Ltd.	5	Textechno Textile Technology	*
Mehra Wax Products Pvt. Ltd.	67	Tinytop Engineering Pvt. Ltd.	*
Mesdan India Pvt. Ltd.	*	Tranquil Exports Pvt. Ltd.	*
Mohler Machine Works Pvt. Ltd.	*	Trushape Engineers	*
Mylon Metallics Pvt. Ltd.	*	Trutzschler India Pvt. Ltd.	35
NIF Mechanical Works Pvt. Ltd.	*	Unispin Card Clothing India Pvt. Ltd.	55
N. P. Kinariwala Pvt. Ltd.	*	Uster Technologies AG	*
		Vetri Engineers	6
		VXL Ring Travellers (Pvt.) Ltd.	*
		World Traders Mfg. Co.	*



Hi-PERFORMANCE SPARE PARTS FOR
E7/5, E7/5A, E7/6, E60, E60H, E62, E65, E66, E80
& LAKSHMI LK54, LK64, LK64Z MODEL COMBERS



TEX-TECH INDUSTRIES (INDIA) PRIVATE LIMITED

27- D, V.N. Industrial Estate, Bharathi Colony
Peelamedu, Coimbatore - 641 004. India.
Ph: +91 422 2566667 / 2560078 / 2562796 M : 93606 65968
E : textech@textechonline.com W : www.textechonline.com



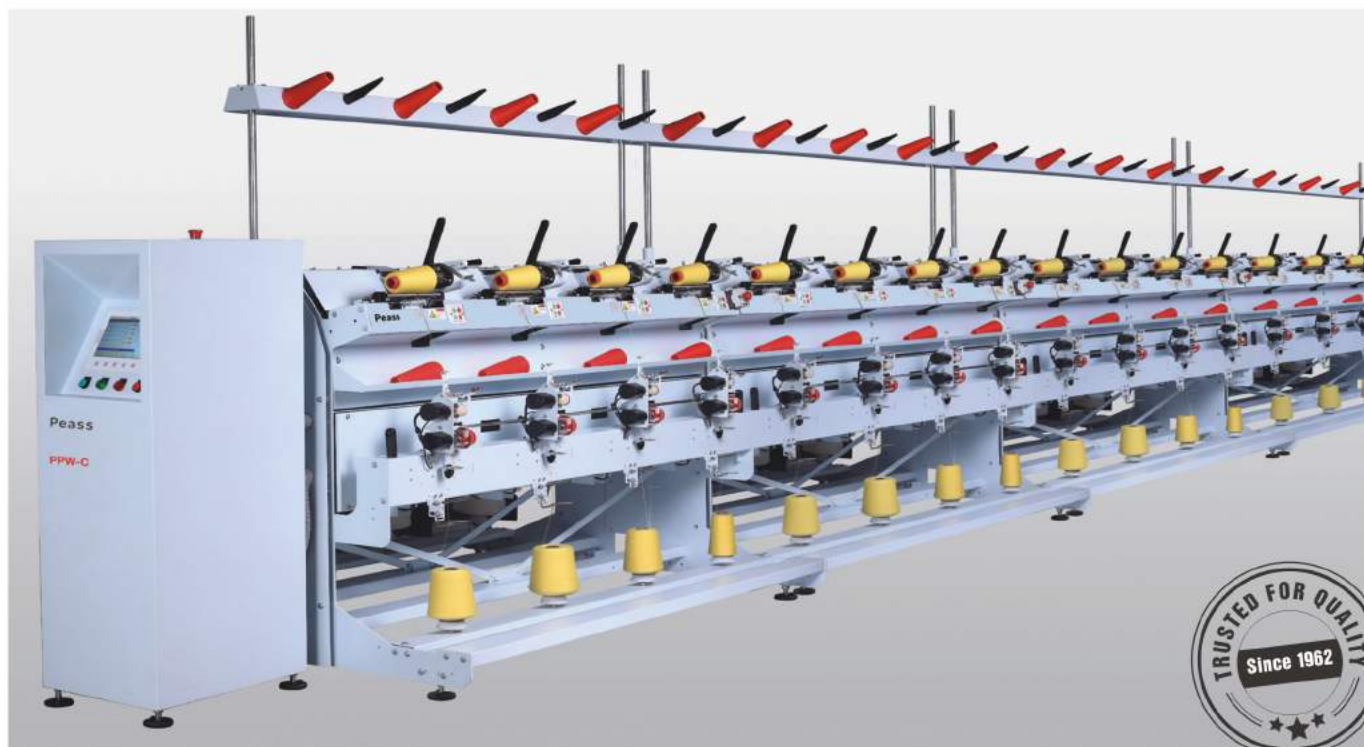
We also manufacture all types of critical spare parts for LR E7/4, LK250, VOUK, MARZOLI, CHERRY HARA COMBERS AND LAP FORMERS



PRECISION RE-WINDER MASTER KEY TO EFFICIENT WEAVING

PPW C

- Excellent unwinding • Precise length • Improved loom efficiency • Reduced air consumption



PEASS RANGE OF PRODUCTS

- Soft Package Winder(Precision / Drum)
- Rewinding Machine (Precision / Drum)
- Assembly Winder (Precision / Drum)
- Yarn Singeing Machine
- Yarn Mercerising Machine
- Hank to Cone Winder



Peass Industrial Engineers Pvt. Ltd.

website: www.peass.com

Regd. Office:

Survey No. 303/1/1 & 302/1,
Maneklal Road, Navsari -
396 445 (W.R.) Gujarat, INDIA
Tel: +91 2637 240843/
250811
Fax: 91-2637-257 321
E-mail: navsari@peass.com

Mumbai Office:

Merchant Chambers, 2nd Floor,
41, New Marine Lines,
Mumbai - 400 020 INDIA
Tel: +91 22 61210900
Fax: 91-22-6631 0570
E-mail: mumbai@peass.com

Delhi Office:

729, Pocket 'E',
Mayur Vihar Phase II,
Delhi - 110 091 INDIA
Tel: +91 11 22773701/
22784749
Fax: 91-11-2277 4741
E-mail: delhi@peass.com

Coimbatore Office:

P-1, 3rd Floor, Red Rose Plaza,
509, D.B. Road, R.S. Puram,
Coimbatore - 641 002 INDIA
Tel: +91 422 2544097/98
Fax: 91-422-2544 097
E-mail: cbe@peass.com

Ahmedabad Office:

Samudra, B-201, 2nd Floor,
Sardar Patel Nagar Road,
Navrangpura,
Ahmedabad - 380 006 INDIA
Tel: +91 79 26427665
Fax: 91-79-2642 7665
E-mail: ahd@peass.com