

A.T.E. and principals together make a gigantic presence at ITMA 2019

By K. Gopalakrishnan

At ITMA 2019 at Barcelona, A.T.E., together with its principals, made an overwhelming presence. With a series of product launches and display of the latest innovations, they jointly showcased the trend-setting technologies across the textile value chain.

Truetzschler, the market leader in spinning preparation, introduced a new high production Card TC 19i – the first intelligent card that automatically and permanently optimises the carding gap, which is very important for maintaining the yarn quality. The card has a new feature called T-GO, the gap optimiser, which ensures the ideal carding gap at all times. It has also features like the waste control WCT for maximum utilisation of raw material and nep sensor NCT, the online quality monitoring system.

They also displayed the new portable bale opener BO-P with a work-off width of 2.9 m or 3.5 m. The bale lay-down can have a maximum length of 60 m. With a working width of 3.5 m, up to 390 bales it can be laid down and can easily achieve production of up to 2500 kg/hr.

Truetzschler also presented a new auto leveller draw frame TD 10 with the latest drive technology, smart servo creel with individual sliver sensor and a large filter box. A notable



Mr. G.V. Aras, Director, A.T.E. Enterprises Private Ltd.





The A.T.E. team in front of the Mahlo pavilion at ITMA

high card production, this flat offers outstanding stability values.

TCC also introduced the new PRECISETOP flat clothing and My Wires app. The new flat clothing is essential for the intelligent self-optimisation of the settings between flat top and cylinder in TC 19i. My Wire app helps customers to manage all wire-related tasks easily with information on the status of clothings and service intervals, thus helping to plan for reorders of card wires. My Wires app, offered free of charge, can also be used for competitive products.

MAG Solvics, a leader in testing equipment, introduced the new HVT Genius 2 and AccuNeL instruments. HVT Genius 2 is a fully automatic cotton fibre testing instrument to test the length, strength, micronaire, maturity, colour, moisture and trash (both real trash content by weight by gravimetric method) and surface trash by an optical method. AccuNeL is a new testing equipment to check neps, length and trash properties of cotton fibres in raw cotton or card, combed, and draw frame slivers.

MAG also displayed spindle monitoring systems (SPinFO) with roving stop motion; the UH Expert 2020 evenness tester with auto cop changer; TensoMaster, a fully automatic single yarn strength tester; AccuTrash, a fully automatic trash separator to test real trash by gravimetric method; and UniStrech XE, a multi-strength system to test the strength of yarn and fabric.

Fabric forming

Karl Mayer, a world renowned market leader, showcased a range of innovative machines for warp knitting, warp preparation, technical textiles, and solutions for networking machines with the digital world. Also on display were an exciting array of fabrics with examples of applications and information on the market potential.

The following two machines with digital features were premiered at the show:

- Tricot machine HKS 3-M-ON which can be linked directly to the KM.ON cloud via the k.ey system. This enables the lapping data required to be loaded directly onto the machine.
- Raschel jacquard RSJ 4/1 ON using Karl Mayer's high-tech connectivity system, k. innovation, to optimally support virtual textile development, which is much more than just a patterning software through KM.On concept.

In addition, the newly-configured RDPJ 6/2 EL was on display with its exceptional range of 4D-KNIT products. The textiles produced on this double-bar raschel machine feature a wide range of pronounced, three-dimensional designs on the outer side along with openwork patterns that give them an edge over circular weft-knitted products.

One of the highlights of the show was the demonstration of the warp-knitted textiles with well-thought-out designs, under the theme of "Future of Textiles". For example, the complete suite, along with shirt made up of warp knitted



The Trident-Truetzschler-A.T.E. team

feature of lifting the print head while printing operation is on. By using this technology the rotary machine also can be printed the repeat patterns which are printed by the flat-bed printing machine. Zimmer (digital printing) displayed its Colaris model machine for printing with pigment ink. It can offer up to 96 print heads.

Color Service presented a complete package for lab dispensing, which included dyes as well as chemicals.

During the event, A.T.E. entered into a tie-up with Match Point, Germany, which is a pioneer in supplying diamond-cut papers for peaching process. Match Point displayed its innovative peaching machine exclusively for the denim fabric.

A.T.E. HUBER Envirotech Private Ltd. (AHET) displayed models of the ZLD plant and solar sludge dryer. AHET's

well-proven technologies such as 'AAA', SUFRO, and sludge management generated keen interest among the visitors.

'AAA' is a proven solution for treatment textile wastewaters that enhances the biological treatment efficiency and minimises sludge generation. SUFRO enables wastewater recycle and ZLD for textile wastewater treatment. The solar sludge dryer SRT is an active solar dryer for drying the dewatered sludge up to 85-90% solids. Ideal for Indian climate, it offers very attractive payback when compared with the ever-rising sludge disposal costs.

Referring to the successful participation of the A.T.E. Group and its principals at ITMA 2019, Mr. G.V. Aras, Director, A.T.E. Enterprises Private Ltd., said: "Overall, the A.T.E. Group and our principals had a successful participation at ITMA. The number of Indian visitors was com-

paratively much higher. A.T.E.'s sales representatives attended to them explaining the innovations introduced during the show. In this edition of ITMA, many new technologies were launched by A.T.E. and its principals which were mainly focused on intelligent machines, automation, and sustainability. Once the investment cycle in India starts turning positive, A.T.E. expects the business to pick up for the new generation machinery and accessories introduced at ITMA 2019". ♦



Mr. Goksun of Color Service, Italy with Mr. G.V. Aras and his team