

InspirOn To Bring Advanced Textile Stenter Motex 15000 With New Features To India ITME

Hot air textile stenter manufacturer InspirOn Engineering Pvt Ltd plans to showcase its next generation stenter, the Motex 15000, at India ITME in hall 5, booth C1, the company has announced.

Compared to its earlier model Motex 4560, the new model consumes less energy, has better safety features, minimises waste, while offering better operational efficiency and maximum return on investment, according to a company release.

The Motex 15000, while also being manufactured in a sustainable manner, has been developed with unprecedented features and state-of-the-art aesthetics.

As against the Motex 4560, the new model Motex 15000 offers 15% higher drying efficiency and higher operating speed. The stenter enables the processor to achieve even drying and heat setting at higher evaporation rates with optimum energy utilisation, which translates into lower operating cost per metre of fabric.

The Motex 15000 also achieves consistent and reproducible results across the length and width of the fabric, even with larger over-feed adjustment range up to 80%. It ensures higher stretch, irrespective of the higher GSM of the fabric and is equipped with pin protection flapper for knitted fabrics.

The stenter requires lubrication once a year or even later, while offering easy access and retrieval of operating and maintenance manual through graphic user interface. Its higher squeezing capability ensures optimum pick up percentage for specific processes like wet on wet finish with desired add on, resulting in better productivity. It comes equipped with a tilting trough with optimised capacity to reduce drain losses.

Recently, InspirOn unveiled a research and development (R&D) centre near Ahmedabad, which will undertake sustainable development projects to produce products of the best quality, innovative and user friendly technology, to meet and preferably surpass customer expectations.

Attached to the R&D centre is also an incubation centre, which is equipped with a demo stenter for mills to undertake trials and test out

their unique ideas, while also validating them under actual working conditions, before venturing into commercial production.

The incubation centre is equipped with a laboratory, library and conference cum training room and is manned by a team of process tech-



Stenter Motex 15000

nologists and design professionals.

The vision behind setting up the R&D centre as well as the incubation centre include offering value added services to the customer, demonstra-

tion of new features as well as standardisation of process parameters for various substrate on customer request.

The vision also includes acting as an effective link between emerging needs of

customers and identifying newer scopes for R&D, while also providing services related to process optimisation assignment, technical consultation as well as performance evaluation. ■

InspirOn launching revolutionary MOTEX 15000 UNIFLO

By Kavitha Srinivas

InspirOn Engineering Private Ltd. (IEPL) is all set to launch a revolutionary new machine at the India ITME 2016. A leading manufacturer of stenter machine and spinning accessories worldwide, the company will launch the all-new MOTEX 15000 UNIFLO.

"India ITME 2016 is an important event, especially in a leading textile country like India," said Mr. Prakash Bhagwati, Chairman and Managing Director of InspirOn. The Ahmedabad-based company, which is a complete technology solutions provider and partner of the textile industry, will present MOTEX 15000 UNIFLO at Hall No. 5 and Stall - H5C1.

MOTEX 15000 UNIFLO minimises wastage, delivers maximum return on investment and helps improve safety, besides consuming less energy. "The design and validation of such machines require a holistic approach that involving factors like safety analysis, functionality, operational efficiency, productivity, material use, ease of operation and maintenance," added Mr. Bhagwati.

MOTEX 15000 UNIFLO targets technology-savvy corporate firms in India and emerging global markets. The company has already launched the new stenter model Sprinton at ITMA 2015 in Milan to meet the global market require-



Mr. Prakash Bhagwati, Chairman, (right), and Mr. Amol Bhagwati, Director, InspirOn Engineering

ment of hi-technology backed by performance.

As the company has diverse product lines, the growth rate in each segment has been different in FY2016. "In the case of the flyer, we may have a range of 5-10 per cent since we have coverage of 80-85 per cent + of market share in this segment. Coming to stenter, the growth will target the premium segment which will bring better realization, however lower volume. We believe the trend will continue with quality-conscious customers," he said.

Backed by a workforce of 324 people, the turnover for 2015-16 is around Rs. 89.82 crores.

Spreading wings

InspirOn's new R&D facility at Chandial in Ahmedabad develops innovative technology for textile wet processing machines and spinning accessories. The company also works with associated industries like chemicals, auxiliaries, educational and research institutions.

InspirOn has emerged the preferred supplier of stenter machine and spinning accessories to companies like Gomathi Bleachers, Shreeji Life Style, LNJ Denim, Raymond Denim, MI Industries, Mafatal Industries and Loyal Textiles.

InspirOn's team of service engineers serves the pan-India customer base 24X7. The company also offers additional services of application technologists. Resident engineers in spare depots in Surat and Tirupur offer on-the-spot spare services. "Our Business Philosophy focuses on technology, quality and after-sales and service. Our products stand out on account of their high productivity and low utility requirement," reasoned Mr. Bhagwati.

The high cost of energy, paucity of labour, effluent treatment plants and emissions are challenges that are peculiar to the textile industry in India. It's necessary to reduce thermal and electrical energy needs, recover energy from exhaust air and eliminate value losses to ensure consistent and reproducible results.

Companies like InspirOn will hopefully continue to expand their basket of offerings to address special challenges in the Indian textile industry. ♦

■ InspirOn to show advanced textile **Stenter Motex 15000**

Motex 15000 has 15 per cent higher drying efficiency and higher operating speed; has better safety features, consumes less energy and minimises waste; offers better operational efficiency and lower operating cost. Indian manufacturer of hot air stenters, InspirOn Engineering Pvt Ltd is showcasing a next generation Stenter, the Motex 15000. When compared with the earlier model Motex 4560, the new model consumes less energy, has better safety features, minimises waste, while offering better operational efficiency and maximum return on investment. The Motex 15000, while also being manufactured in a sustainable manner, has been developed with unprecedented features and state-of-the-art aesthetics.

As against the Motex 4560, the 15,000 offers 15 per cent higher drying efficiency and higher operating speed. The Stenter enables the processor to achieve even drying and heat setting at higher evaporation rates with optimum energy utilisation, which translates into lower operating cost per metre of fabric. The Motex 15,000 also achieves consistent and reproducible results across the length and width of the fabric, even with larger overfeed adjustment range up to 80 per cent. It ensures higher stretch, irrespective of the higher GSM of the fabric and is equipped with pin protection flapper for knitted fabrics.

The stenter requires lubrication once a year or even later, while offering easy access and retrieval of operating and maintenance manual through GUI. Its higher squeezing capability ensures optimum pick up percentage for specific processes like wet on wet finish with desired add on, resulting in better productivity. It comes equipped with a Tilting Trough with optimised capacity to reduce



drain losses. InspirOn has also recently unveiled a R&D Centre near Ahmedabad, which will undertake sustainable development projects to produce products of the best quality, innovative and user friendly technology, to meet and preferably surpass customer expectations. Attached to the R&D Centre is also an Incubation Centre, which is equipped with a Demo Stenter for mills to undertake trials and test out their unique ideas, while also validating them under actual working conditions, before venturing into commercial production. The Incubation Centre is equipped with a laboratory, library and conference cum training room and is manned by a team of process technologists and design professionals.

The vision behind setting up the R&D Centre as well as the Incubation Centre; include offering value added services to the customer; and demonstration of new features and / or standardisation of process parameters for various substrate on customer request. The vision also includes acting as an effective link between emerging needs of customers and identifying newer scopes for R&D, while also providing services related to process optimisation assignment, technical consultation, performance evaluation, etc.