

BST eltromat India to launch The Next Generation Web Video System

LabelExpo has been an ideal platform for BST eltromat India to launch new products over a period of time. In previous edition of LabelExpo India, BST eltromat launched "Innovative TubeScan System-a Low Cost 100% Inspection System for Labels" and during upcoming edition, BST eltromat India is set to launch their Next Generation Web Video System: POWERScope 5000.

POWERScope 5000 is the new, digital video inspection system that offers greatly improved image quality compared to the previous solutions. As a result, machine operators can detect irregularities on the press far better and faster. As a low-cost, entry-level model, the POWERScope 5000 features a uniquely easy-to-operate user interface.



The upcoming LabelExpo India 2016 will be the first time BST eltromat India is presenting the successor of their very successful POWERScope 4000 for Indian audience. The new

Additionally the new POWERScope 5000 is electrically compatible to the already introduced synchronization components. This makes it easy to exchange older systems like POWERScope 3000 or 4000. The User Interface is based on the iPQ-View user interface.

For perfect print results, BST eltromat India, provides a complete portfolio for quality assurance systems and maximum productivity in narrow web applications. Their 100% print inspection systems SHARK LEX & TubeScan Digital ensure complete monitoring of the process by reducing wastage and maintaining quality of the product.

productivity.



SHARK 4000 LEX and SHARK 1000 LEX, the 100% print defect detection systems for use on re-winders and narrow-web printing machines, stand out due to the well-engineered technology, extensive range of functions and comprehensive defect management

software. You can choose from SHARK 1000LEX or SHARK 4000LEX and get the best for your requirements.

BST eltromat India also has one more defect detection system in their portfolio, TubeScan Digital, 100% Defect Detection System for Narrow Web Application. LOW on Cost, HIGH on Results!

TubeScan Digital, Low Cost 100% Inspection System, provides considerably higher process reliability with the base function. This system detects defects even during the printing stage and is highly recommended for all kind of narrow web applications such as, press, slitter and/or re-winder.

For more details about our products, please send us mail on info@bsteltromat-india.com or call us +91-22-66860900 or please visit: www.bsteltromat-india.com. To explore more, please visit BST eltromat India booth, at upcoming LabelExpo India 2016, at Hall no. 5, Stand M-20.



Quality assurance for Narrow Web Printers

Narrow Web or Label printing in India is a challenging, competitive and a dynamic industry. This industry is constantly growing at the rate of 15-17% p.a. The industry expansion is happening at 3 levels, firstly the existing players are developing and advancing their infrastructure, secondly there are some existing offset printers who are turning into label printers and thirdly new entrants in the industry. As the industry is growing, the competition in the market is also increasing simultaneously. To generate maximum profits and/or retain customers, every converter or printer strives to achieve a perfect balance between optimum utilisation of the resources and improving quality of the products and label industry is no exception. With the help of latest technology label printers are trying to achieve this equilibrium. Hence using top quality assurance systems are equally important along with the top quality printing presses.

Quality Assurance systems and its importance in Label Industry:

Like many other large industries, the label industry too is energy and chemical intensive. But it also consumes huge amounts of water, paper, ink, adhesive and lots of other raw materials. Printers expect outstanding results in terms of quality, process and product safety.

A lot of the wastage can certainly be avoided or reduced greatly during the processing or printing of the material in its various production stages. This will not only help printers to save on materials but also ensure to maintain the quality of the product. Efficiency requirements for the printing production continue to expand.



Web Guiding



Register Control



Web Video Inspection



100% Print Inspection

Profitability can only be achieved by effectively reducing changeover times and minimizing waste. Here, Quality assurance systems play a great role for label printers. Only by avoiding defective products customers can be fully satisfied and economic production cycles are assured. By integrating, Web Guiding System, Video web inspection, Print defect detection systems, Register Control System and Color Measurement System the aim is a flawless printing can be obtained.

- Web Guiding systems ensure that the web does not deviate from its path while printing, lamination or being slit. This is a basic requirement in the label printing and if the substrate is not stable during the process then outcome could result in the entire roll being rejected.
- Video web Inspection systems ensure simple, fast and efficient monitoring of the print even at the highest web speeds. This helps operators to take corrective actions immediately during the

process and any further loss/waste can be avoided then and there itself.

- 100% Print defect detection systems Defects such as splashes, streaks or missing print can have unpleasant consequences. A wrongly printed instruction leaflet included with a medicinal product and the possibility of a claim for damages is just one example.
- Register Control System Set-up times and waste are reduced considerably, resulting in an increase in the productivity of the printing press. Latest technology and real-time evaluations enable the register control systems to implement fast and reliable solutions to counter mis-registers.
- Color Measurement System One of the greatest challenges in printing is achieving the most accurate color reproduction possible or accomplishing the desired color quality without wasting Ink.

-Article contributed by BST Eltromat India Pvt. Ltd