

// For efficient Production Processes:
BST eltromat Automation.

Be inspired. Move forward.

 **BST eltromat**
INDIA

OPTIMIZED PRODUCTION. MAXIMIZED PROFITABILITY.

Faster speed and increasing quality standards: State-of-the-art production machines must be reliable high-performers to be able to meet today's requirements in the market.

The challenge: Product quality requires optimization with simultaneously increased manufacturing output per time unit – and this without any creation of waste. This means that machine speeds should be fully exploited and faultless functioning of all production processes should be guaranteed at all times.

Automation as relief and guarantee for quality: BST eltromat International provides efficient solutions for machine builders and users. Maximum safety. High-grade efficiency. Optimal profitability.

BST eltromat automation solutions provide improved production processes and product qualities, thus creating satisfied customers.



CUSTOMIZED AUTOMATION SOLUTIONS.

Adapted to your production needs: Scope and degree of automation of the BST eltromat automation concepts are specifically based on the requirements of the corresponding production. BST eltromat offers a comprehensive service portfolio from drive technology to safety technology to cover a wide field of use.

Our solutions are based on close cooperation with our customers: Even during the project planning and design phase we provide support with all of your decisions – offering a lot of know-how and at least the same amount of passion for perfection. Your benefit: Custom-fit system solutions with a performance that you can count on.



BST eltromat offers automation solutions for:

- control concepts/HMI
- visualization systems
- controls
- drive technology
- positioning technology
- safety technology
- interfaces
- web control
- web tension control
- process optimization
- quality control systems
- and further individual system components.

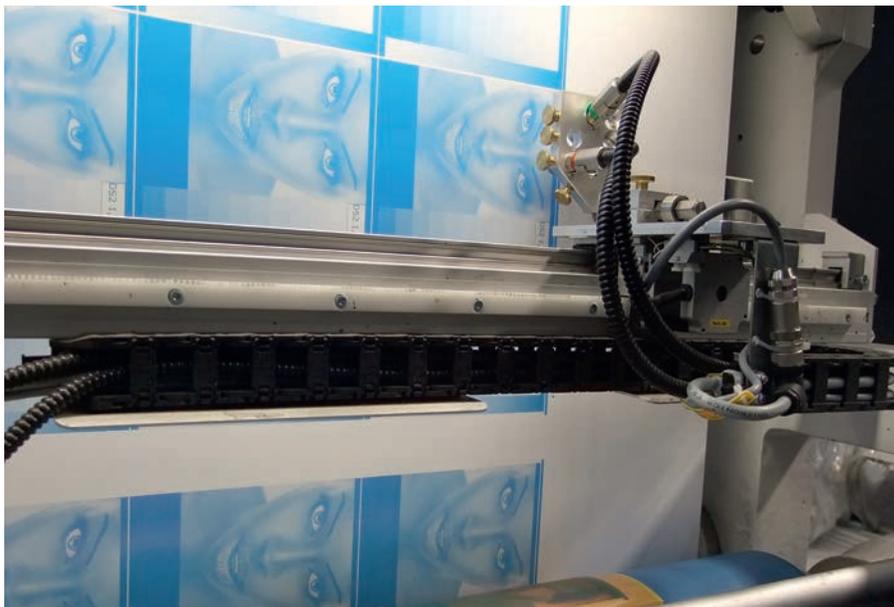
Services provided:

- planning, design and counseling ...
- development and implementation of all system components (including control concept) ...
- commissioning, function testing, safety testing, and optimization.

COMPETENT DESIGN. COMPREHENSIVE IMPLEMENTATION.

Precision based on expertise: For more than two decades, BST eltromat International has specialized in in the automation of complex production processes and high-performance machines.

Being the leading manufacturer of quality assurance systems for the web-processing industry we have more than 100,000 installations in more than 100 countries all over the world. This includes automation solutions for more than 110 flexographic printing presses, some with up to 22 printing units as well as retrofit projects for more than 150 gravure printing presses of all renowned manufacturers.



When using BST eltromat as an automation partner, you can rely on first-class technical competence as well as long-term practical expertise with a wide variety of applications and fields of use. Being the general contractor, BST eltromat implements one stop solutions for fully integrated automation on the highest technical and professional level.

Contact us. We will be pleased to advise you!

AT A GLANCE: OUR COMPETENCE – YOUR BENEFITS:

- BST eltomat as **complete solution** for system equipment and integration of your web-based production lines
- more than 20 years of **automation know-how**
- comprehensive **experience** with various industries and companies
- comprehensive experience in the **printing industry** and particularly in high-demanding packaging printing
- **teams composed of specialists** (engineers and experienced technicians) for real time solutions in connection with the automation of demanding web-based production processes
- international **project management**
- **pioneering services**, e.g. for automation of drive technology integration with complex high-performance machines
- continuous in-house **research and development**
- permanent further development of individual **software and hardware solutions**
- fully integrated **one-stop automation solutions**
- complete **control** of the whole automation process
- design and implementation of **new developments and retrofits**
- comprehensive knowledge of all relevant national and international **standards** (e.g. machinery directive, UL North America) and **safety requirements**
- comprehensive and systematically presented **technical documentation**
- long-term **cooperations** with leading suppliers of electronics (Siemens, Bosch Rexroth, Lenze, and Beckhoff) with simultaneous complete independence
- reliable **service** – 24/7/365 world wide



AUTOMATED FUNCTIONS. INTUITIVE CONTROL.

BST eltromat systems stand for automation on a wide variety of manufacturing processes. The automation solution considerably contributes to a more efficient and more economical value added chain.

BST eltromat automation – your benefits:

- sustainable performance increase
- improved product quality
- increased profitability
- minimized production waste
- high system availability – minimal service costs
- optimal utilization of machines
- easy operation thanks to user-friendly control concept
- implementation based exactly on schedule
- transparent ROI calculation right from the project beginning
- optimal application based on partnership with renowned manufacturers of electronics
- first-class price-performance ratio, e.g. thanks to independent purchasing of components
- clear long term product sustaining thanks to upgrades and retrofits plans

Clever solution: BST eltromat – modular automation.

Based on several decades of expertise, BST eltromat International developed a modular system:

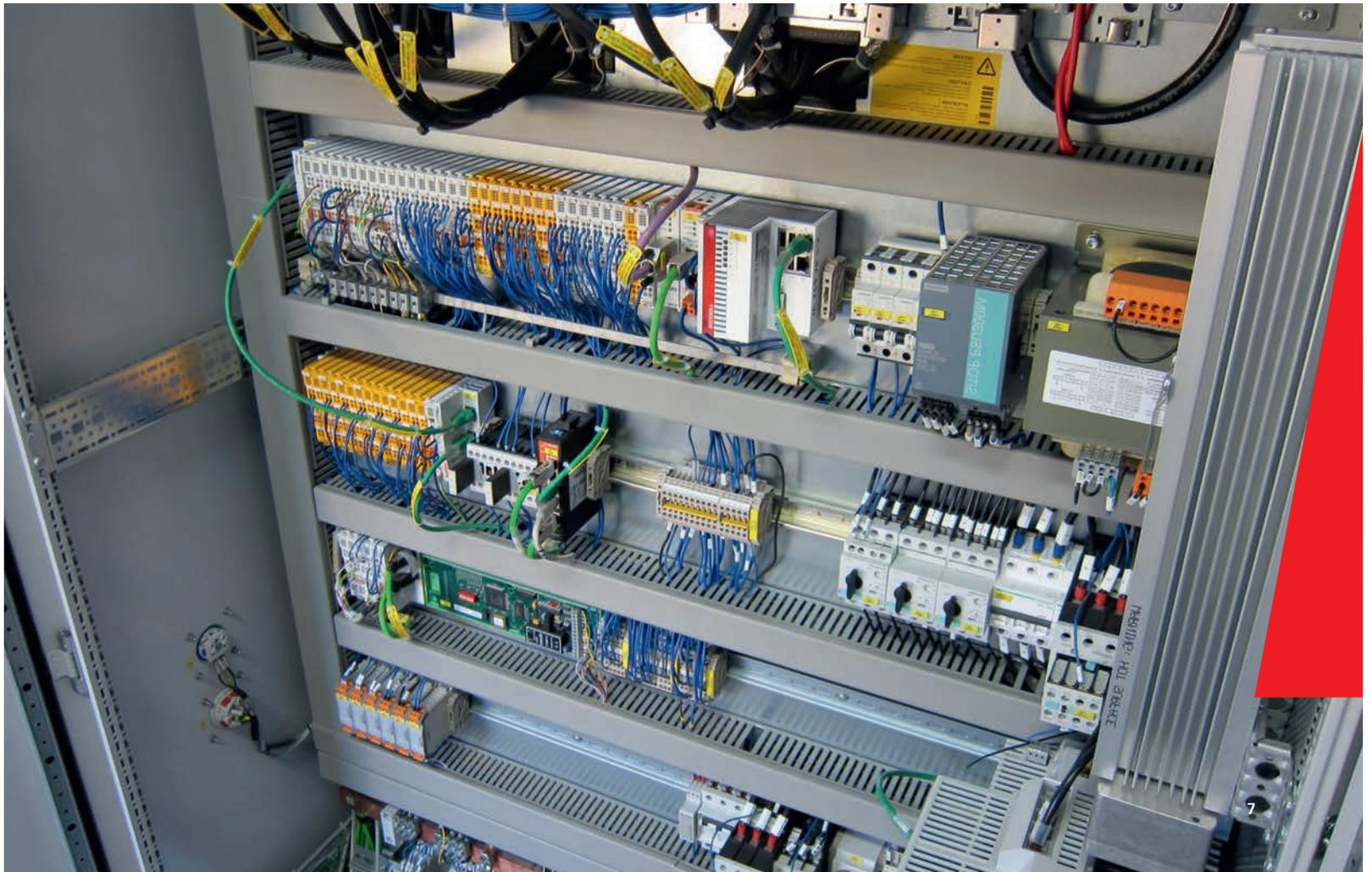
The BST eltromat automation platform covers a wide range of basic tasks of the automation process using high-quality and proven standard components. In case of special and exceeding requirements, the solutions can be flexibly tailored by suitable automation components.

JOINT EFFORTS FOR POWERFUL SERVICES.

The success stories written by BST eltromat also tell the stories of strong, reliable and trustful partnerships – with our customers, our cooperation partners, and our suppliers. With many of them we established long-term relationships – in some cases even for decades.

Above all, machine builders without their own automation department benefit from a cooperation with BST eltromat International: Outsourcing the topic „automation“ does not only allow for focusing on the own core business, but also makes high performance a standard – thanks to the automation partner BST eltromat. Close coordination from the design phase forward enables the partners to focus early on the optimal application-specific solution.

In customer relations, the machine builders and BST eltromat usually act jointly – and stand out with maximum flexibility and solutions that show a higher performance when being automated.



INTELLIGENT SERVICE THAT MOVES YOU FORWARD.

No matter where in the world you use our technologies: We support you reliably with our comprehensive BST eltromat service.

Our specialists are located all over the world and can be on site quickly in case of emergencies. You can access an extensive global production, sales and service network for first-class performance at any location.

For your benefit, we always adapt our systems exactly to the requirements of your production. Combine solutions from our various product areas:

- Web Guiding
- 100% Inspection
- Register Control
- Web Video Inspection
- Color Measurement
- Surface Inspection
- Color Management
- Workflow
- Process Automation
- Layer Thickness & Basis Weight Measurement

Further information and current news are available at www.bst-international.com



Your local contact

BST eltromat India Pvt. Ltd.

801, Sri Krishna, New Link Road, Andheri (W.), Mumbai- 400053. Maharashtra.

Tel.: +91-22-66860900 • info@bsteltromat-india.com

www.bsteltromat-india.com

 **BST eltromat**
INDIA

Be inspired. Move forward.