# GESA
## Labeling Automation

**GLOBAL**
**SOLUTIONS IN**
PRODUCT
IDENTIFICATION

MORE THAN **35 YEARS**
PROVIDING
THE FINEST LABELING
SOLUTIONS

# More than
# 35 years
# providing the best solutions in the labeling sector

# GESA
## Labeling Automation

**GESA, founded in 1989**, is a company conceived with the aim to offer comprehensive product identification services. Always offering the best services, solutions, and products thanks to the commitment made to each of our clients and to continuous improvement and innovation.

# PRODUCTS AND SERVICES
## What we offer?

- Thermal transfer, direct thermal, and Inkjet printers
- Print-and-apply labelers and labeling heads
- RFID labeling solutions
- Labeling robotics
- Machine vision systems
- Industrial scanners
- Label design and printing software
- Software for label printing automation
- Manufacturing and supply of all types of labels
- Supply of ribbons and consumables
- Technical support for all our products
- Consulting and advisory services

# OFFICIAL PARTNERS

**TOSHIBA**  **cab** we identify more  **EPSON** EXCEED YOUR VISION

**UNIVERSAL ROBOTS**  **ZEBRA**  **TEKLYNX**

**Honeywell**  **DATALOGIC**  **SICK** Sensor Intelligence.

## GESA
Labeling Automation

## Quality, Our Greatest Commitment

For us, service quality is more than just a strategic or commercial approach — it is our fundamental purpose. That is why we have implemented a quality management system in accordance with the current international standard ISO 9001:2015. **This ensures a high level of quality across all our services and products**.

## Labeling Aut

omation

# PRINTERS

We offer a wide range of printers designed to enhance efficiency and performance across a broad variety of applications. Desktop, portable, and industrial printers, as well as models for linerless labeling — most of them available with **RFID** options. Printers in **2", 4", 6", and 8"** formats.

We also offer specialized printers for different applications and sectors, such as color label printers, dedicated fabric printers, and **double-sided** printing systems. We also provide printers capable of printing in **two colors with ribbon** in a single operation, among many other options.

## FEATURES OF OUR PRINTERS

Reliability / Durability
Flexibility
Connectivity
Compatibility
Low Total Cost of Ownership

### + INFO
On our website or by contacting our Sales Department

## EPSON CW C4000

Compact color label printer. Easy to use, space-saving, and capable of printing any color label with high quality and fast print speed.

· **Cutter or dispenser included as standard.**

IMPRESIÓN A COLOR

## EPSON CW C6000/6500 SERIES

On-demand color labeling up to 8" wide. Available with cutter or rewinder option.
Allows you to produce customized, high-quality labels. Easy integration with print-and-apply applications.

· Print width up to 215 mm.
· New CW-D6000/6500 model with dye-based inks (DYE), ideal for applications requiring high smudge resistance.

# 100% COMPATIBLE WITH SAP APPLICATIONS

## Printers with **Z-MODE** Technology that allow **ZPL II ®** Emulation

### TOSHIBA BX410T

New industrial printer replacing the B-EX4T1.
Equipped with a powerful dual-core CPU that drives Toshiba's revolutionary A-BRID operating system.

· Direct PDF document printing.
· RFID modules for label encoding.
· Operating rangeof up to 800 meters of ribbon length.

### TOSHIBA BA400 SERIES

New professional range replacing the B-SA4 series.
Featuring a new and powerful processor that further enhances printer performance, along with improved connectivity and built-in Bluetooth for easy integration with Android and iOS mobile applications.

· Optional dual-band Wi-Fi.
· NFC for easy Bluetooth pairing.
· RFID modules for label encoding.

### TOSHIBA BV400 SERIES

New desktop printers featuring a wide range of standard interfaces, with optional Wi-Fi or Bluetooth connectivity.

· Compact and elegant design.
· RFID available in thermal transfer models.
· Linerless labeling option available.

### CAB XC Q SERIES

XC Q printers feature two thermal transfer print heads, enabling simultaneous two-color printing on a single label.

· For SGA label printing.
· Supports rolls up to 300 mm in diameter.
· Automatic ribbon saving on one of the print heads.
· Available in 4- and 6-inch options.

# PRINTER ACCESSORIES

Discover the full range of printer accessories on our website or by contacting our Sales Department.

**NEW**
**STACKER**
**B-9420-ST**

### Stacker Applications

☑ Textile label stacking.
☑ Cardboard label stacking.
☑ Adhesive label stacking.

**WATCH VIDEO**

The new B-9420-ST label stacker enables stacking of textile labels, cardboard labels, and adhesive labels.

It is specially designed to be used in combination with **Toshiba B-EX4T1, BX410T** printer model

## Label dispensers
that are easy-to-use and precise with advanced functionalities.

**Discover the full range of printer accessories** on our website or by contacting our Sales Department.

## Rewinders
with adjustable support for all types of label printers.

# COMPLETE RFID SOLUTIONS

Radio-frequency identification (RFID) technology provides real-time data and is used to streamline most tracking operations while reducing human error.

## Key Benefits of RFID Applications:

- Reading hundreds of tags in just a few seconds.
- Easy product traceability and tracking.
- Accurate information.
- Time savings through increased efficiency.
- Prevents stockouts.

At GESA, we provide guidance based on your requirements and create a complete RFID solution from encoding and reading to data management.

We offer a wide range of printers for RFID label printing and encoding, as well as an extensive selection of readers with high precision and excellent RFID read/write performance.

**Manufacturing of all types of RFID labels.**

# APPLICATORS

**Our labeling heads and print-and-apply systems** are specially designed for label printing and application on production lines. Their high labeling precision and robust design make these applicators one of the most effective solutions for real-time product labeling.

## AXON 1

Labeling system for printing and applying labels on test tubes

► Resolution up to 600 dpi.
► Integration capability with UR Robot
► Tube diameter: 7–26 mm or 16–38 mm.
► USB, Ethernet, and digital I/O interface**

*Optional horizontal labeling with AXON2.

## SQ 1000

The SQ 1000 applicator is a cost-effective solution for both semi-automatic applications and integration into production lines.
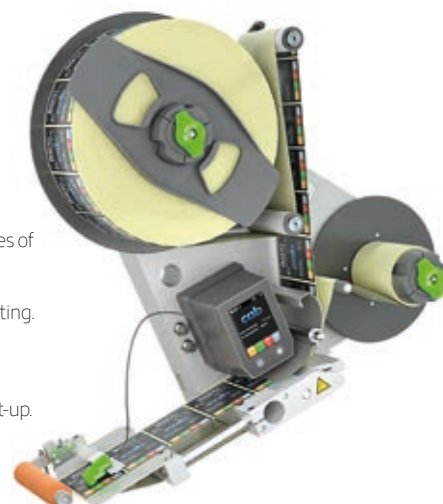
► Variable product height.
► Dispensing button.
► Maintenance unit with compressed air.
► High process reliability.
► Digital I/O interface on the applicatorr.
► Label sizes:
    Width: 25 to 176 mm
    Height: 25 to 200 mm**

## Labeling head
### ROXI

High performance at the best price. New high-performance labeling head for industrial use, specially designed for pre-printed label applications on all types of products.

► Vertical, horizontal, or inclined mounting.
► High quality and reliability.
► Durable and easy to maintain.
► Dynamic speed control.
► User-friendly handling and easy start-up.
► OPC UA.
► Remote control.
► Web interface.

# HERMES Q

✓ **Real-time labeling.**

✓ **High reliability for labeling on production lines.**

✓ **Wide range of standard applicator solutions**

*For demanding industrial conditions*

Designed for automatic printing and labeling on production lines. Thanks to a wide range of options, they can operate via dispensing, blowing, or pressure.
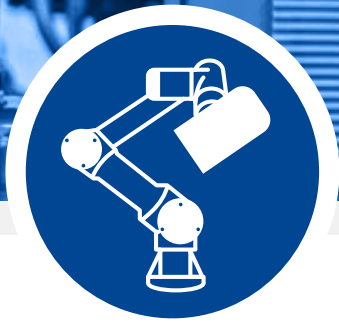
▶ Long service life.
▶ Variable product heights.
▶ Protective cover.
▶ High processing safety.
▶ Real-time labeling.
▶ Pressure reducing valve.
▶ Applicator can be rotated 360º.
▶ Internal clock.
▶ PLC in/out communication.
▶ Standalone printing system.
▶ USB, Ethernet, OPC UA.

## With Hermes Q, we offer up to 13 robust, compact, and configurable solutions.

We can apply small labels with precision in real time, label inner surfaces of profiles and tubes, as well as cylindrical items such as cables, hoses, and more.
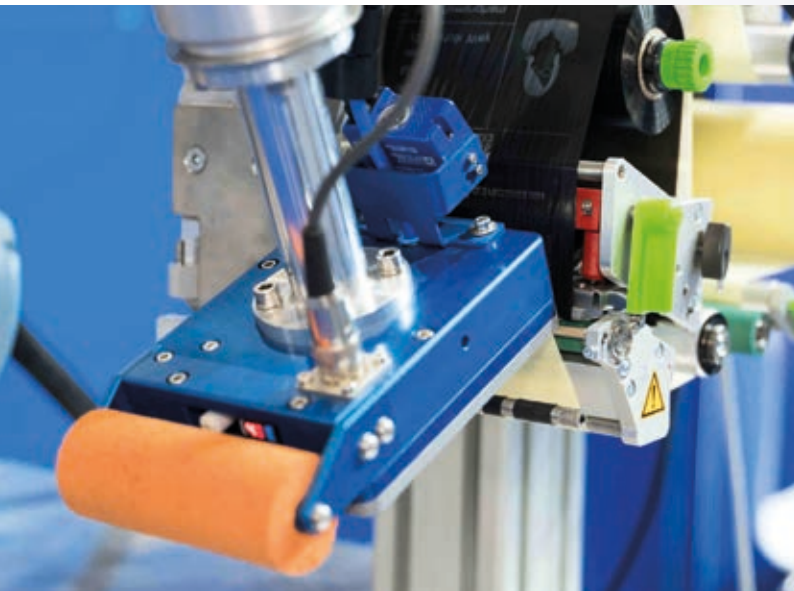
Apply labels either at standstill or in motion, on the front or back of the product; onto packages on the line or via blow-on application to avoid contact with delicate surfaces.

# ROBOTICS FOR LABELING

**At GESA, we develop new and innovative solutions for labeling, verification,** and product handling in collaboration with UR robots, enabling more efficient, safe, and precise processes.

- **Reduced** handling costs in labeling.
- **Higher performance** in labeling processes.
- **Flexible** adaptation of the labeling application depending on the product.
- Its **compact design** saves space, and processes can also be easily reprogrammed.
- Free your team from the most tedious and repetitive tasks.
- **Reduce** your maintenance costs.
- Applies and reads products for **traceability** at the exact moment the label is applied.
- Reengineering of product handling, verification, and labeling processes.

## We design **custom solutions** for label application on products

**We develop custom grippers based on the label size.**

# INDUSTRIAL IMAGE PROCESSING AI

**Solutions for industrial labeling automation through imaging and identification.**



## SICK INSPECTOR 83X

With INSPECTOR83X, we carry out automatic labeling applications based on product identification.

- ▶ AI-assisted tools.
- ▶ Quality Inspection tools.
- ▶ Quad-Core CPU and AI accelerator.
- ▶ Black-and-white or color images.
- ▶ Up to 5 megapixels.
- ▶ Intuitive web-based user interface.
- ▶ Dual-port fieldbus and high-speed I/O**



## SICK LECTOR 85S

1D and 2D code identification using a camera for a wider field of view and greater reading distance.

- ▶ Powerful Quad-Core CPU.
- ▶ Resolution up to 12 megapixels.
- ▶ Web-based user interface.
- ▶ Quality Inspection tools for locating, inspecting, and measuring.
- ▶ Intelligent Inspection for classification and anomaly detection.
- ▶ Dual-port fieldbus and high-speed I/O**

## Fixed Industrial Scanners

We offer a wide range of high-performance 1D and 2D industrial readers for applications in the Electronics, Automotive, Pharmaceutical, Food, and Logistics industries. They are specially designed for production lines and applications that require high reading performance and precision.

# SOFTWARE

Software for label design and print management. Use text, barcodes, images, and all types of database connections.

## Design and Printing Software

GESAWIN    LABELMATRIX
CODESOFT   BARTENDER
LABELVIEW

**SMA software maintenance** "the latest version always available". We manage updates and maintenance for all products.

**With the purchase of a product:** CODESOFT, LABELVIEW, LABELMATRIX, SENTINEL, or TEKLYNX CENTRAL, the following is included:

**FREE 1-Year SMA**

### LABELVIEW

Mid-level label and barcode design application offering unmatched flexibility, power, and support.

Available in single-user, print-only, and network configurations.

### BARTENDER

Enterprise-level label and barcode design application offering unmatched flexibility, power, and support. Label and barcode creation can be automated, along with much more.

### CODESOFT

Advanced label design and integration application offering unmatched flexibility, efficiency, and global support making it the top choice for label printing in any environment.

Available in single-user, print-only, and network configurations.

▶ Over 100 barcode symbologies.
▶ Integration with local and cloud data
▶ Support for RFID label creation
▶ Excel, Access, SQL, and more connectivity
▶ Print log file (history tracking)
▶ ActiveX and OLEDB/ODBC connectivity**

**International Labeling.**
Product labeling is no longer a problem, no matter which language it needs to be printed in.

Discover our
**UNICODE SOLUTIONS**

**CENTRALIZED LABELING MANAGEMENT**
Our company offers specialized consulting services for the installation, support, and integration of label software in your work environments. Additionally, we provide guidance for the integration of all types of labeling standards into your designs.

# Label Security and Traceability Software

→ LABEL ARCHIVE

## LABEL ARCHIVE

It offers full control over label design and ensures compliance with industry regulations, providing peace of mind to companies in regulated sectors.

► **Compliance**
Of 21 CFR Part 11 for traceability, security, and version control.

► **Approval**
Print only those labels that have been approved.

► **Security**
Create user groups and set access permissions for your labels.

► **Traceability**
Change log, comments, revisions, and label print history.

# Labeling Automation

→ SENTINEL

**Professionalize your Software**

## SENTINEL

TEKLYNX's label printing automation software, SENTINEL, eliminates manual data entry and reduces errors by integrating with systems such as ERP and WMS. It also simplifies the printing process, allowing it to be initiated from various systems, including custom applications.
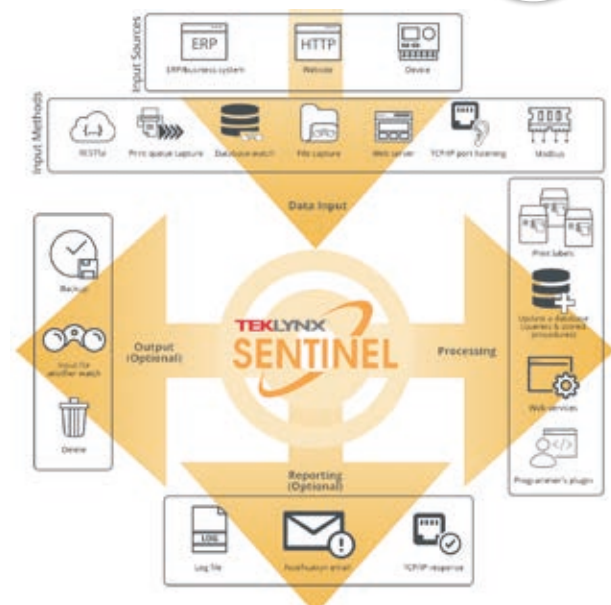
► Integration with your ERP.
► Generate XML, TXT, ASCII files, etc.
► Label printing automation.
► Scalable solution.
► Integration with RESTful API.

**We develop custom software to automate all types of labeling processes.**

# LABELS

## No matter what your product is, we have a label for it!

At GESA, we manufacture labels with the widest range of materials, adhesives, and presentations available on the market. We conduct a thorough study of our clients' needs to provide the most suitable label material for their product, usage, environmental conditions, and adhesive base conditions.

**Manufacturing of all types of neutral, pre-printed, or finished product labels.**
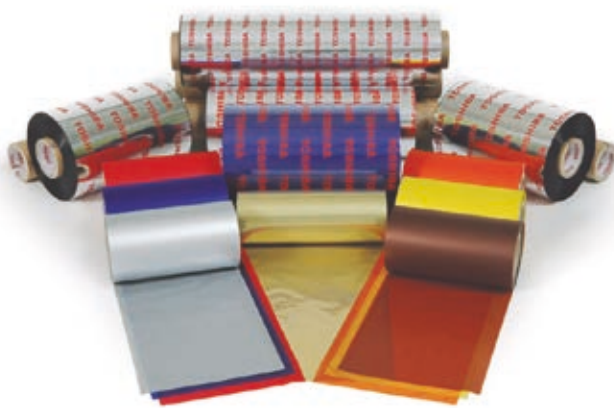
**Different finishing options:**
- Stamping
- Screen Printing
- Silkscreen
- Braille
- Varnish
- Embossing

- Neutral labels with all types of materials
- Thermal labels
- Inkjet labels
- High-temperature labels
- PVC, Valeron labels
- Special labels for frozen products
- ADR labels
- Special labels for gardening (ribbon and spike)
- Fabric labels for garment manufacturing
- Cardboard labels
- PVC cards
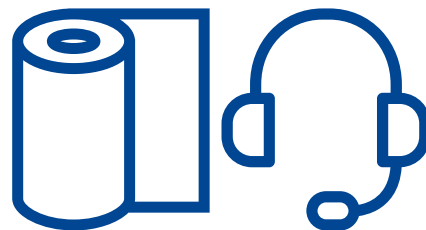- Multi-page labels
- RFID labels

# RIBBONS AND CONSUMABLES



With our ribbons, we guarantee optimal print quality.
**We offer all types of ribbons: wax, mixed, resin, and color.**

## Now you don't have to worry about the availability of your consumables!



We manage all types of scheduling for label and ribbon supply for our clients.

Specialized in consumables: all types of labels and adhesives, ribbons, and ink cartridges for our inkjet printers

# TECHNICAL SERVICE



### Specialists at your service

Our team is composed of technicians with extensive experience and ongoing training to ensure the proper functioning of all supplied products, providing a quick response to any technical issues or inquiries.

### Original Spare Parts

We use original spare parts and components to guarantee the optimal performance of the equipment. Additionally, we maintain a large stock of spare parts to ensure that any defective equipment can quickly return to optimal functionality.

### SMA Software Maintenance

We offer different options for updates to label software programs such as CODESOFT, LABELVIEW, LABEL MATRIX, PRINT MODULE, and SENTINEL PRINT PACK. Having an SMA protects your investment and provides unlimited access to the latest versions of the software.

Aware of existing business requirements, we offer different support levels to meet your service needs while adapting to your budget.

We offer phone support, remote assistance, or on-site service at the client's location. Additionally, we provide SMAs to ensure access to the latest versions of label software at no additional cost.

Subscribe to a support plan to ensure that your business processes and operations run smoothly, and your products are always in optimal condition. With our experience, you will receive the highest guarantees to resolve any issues or inquiries regarding your equipment, whether they are technical or mechanical, based on the plan you choose.

## FEATURES

| | BASIC | PREVENTIVE | ON-SITE |
|---|:---:|:---:|:---:|
| Phone-based IT support for error resolution and software configurations | ✓ | ✓ | ✓ |
| Phone-based technical support for error resolution and printer configurations | ✓ | ✓ | ✓ |
| Remote assistance for error resolution and software and printer configurations | ✓ | ✓ | ✓ |
| Preventive maintenance of printers at our facilities | | ✓ | ✓ |
| Labor included in the repair of the equipment at our facilities | | ✓ | ✓ |
| Repair and replacement of damaged parts* at our facilities | | ✓ | ✓ |
| Repair and replacement of damaged parts* at the client's location | | | ✓ |
| Travel to the client's premises | | | ✓ |

*The service does not include the repair or replacement of program protection keys (LPT/USB), impact printer heads, inkjet, thermal or thermal transfer print heads, guillotine blades, and WLAN and RFID accessories.

**SPECIALISTS AT YOUR SERVICE**

**ORIGINAL SPARE PARTS**

**SMA SOFTWARE MAINTENANCE**

# SECTORS

### ENGINEERING
Process automation
Custom software
Collaborative robotics
Custom gripper development
Artificial intelligence
Specialized technicians

### STEEL AND METALLURGICAL INDUSTRY
Automatic label applicators
Labels for traceability
Steel hooks
Special high-resistance ribbons
Labels with special materials for resistance

### HEALTHCARE
Automatic vial labeling solution
Labels with specific materials
Labeling solutions for clean rooms
Verifiers
Security and traceability software
Label manufacturing and verification with machine vision

### FOOD INDUSTRY
Label applicators
Labeling heads
Machine vision for labeling
Color label printers
Label manufacturing with special materials and adhesives

### RETAIL
Linerless solutions
Portable printers
RFID solutions
Readers
Software specifically for labeling

### CHEMICAL INDUSTRY
Color label printers
Two-color print-and-apply printer
Automatic labeling solution for vials
Security and traceability software for labels
GHS labels for chemical products
ADR labels

### AUTOMOTIVE INDUSTRY
Automatic applicators
Collaborative robotics
RFID labeling solutions
Control software
Verifiers
Labels with special adhesives

### LOGISTICS AND TRANSPORT
Linerless solutions
Collaborative robotics
Automatic pallet labeling solutions
Portable printers
RFID solutions
Readers

### TEXTILE INDUSTRY
RFID labeling solutions
Fabric label printers
Double-sided fabric label printer
Woven labels
Software for garment labeling
Fabric for composition labels

### CONSULTING
RFID integration
Specialized technical service
Traceability improvement study for labeling
Custom label software implementation

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**LABEL PRINTERS**

**LABEL APPLICATORS**

**ROBOTICS**

**SOFTWARE**

**LABELS & CONSUMABLES**

**TECHNICAL SERVICE**

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## GESA
### Labeling Automation