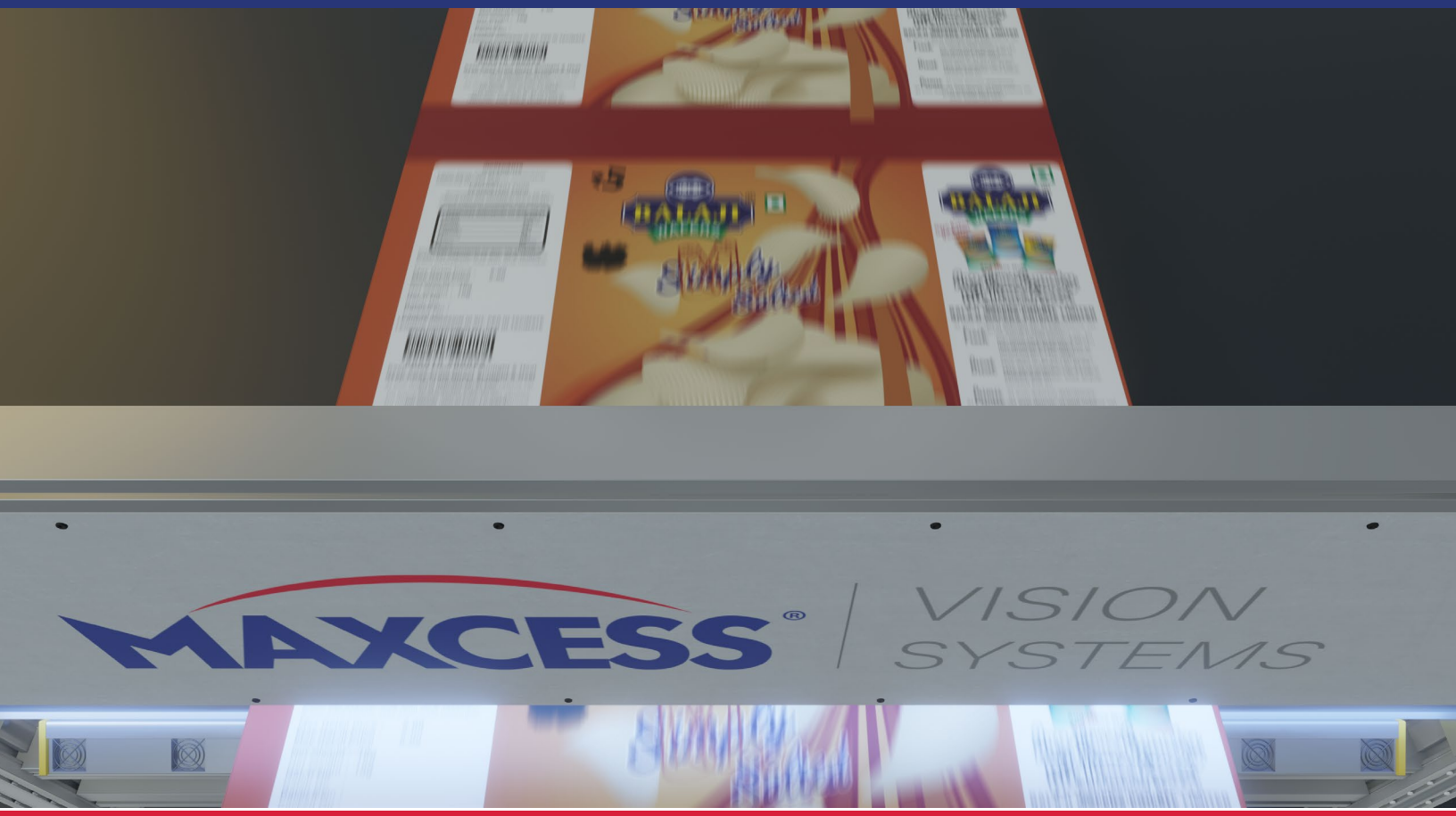
MAXCESS® | VISION SYSTEMS

END-TO-END 100% VISION SOLUTIONS FOR NARROW WEB



ENVISION LESS SCRAP
ENVISION NO RETURNS OR REWORK
ENVISION MAXCESS VISION

Let us solve your challenge

https://www.maxcessintl.com/vision-inspection

THE VISIONMAX ADVANTAGE

New 100% Vision Systems from Maxcess help your press run better, faster and smarter

Better- no more returns and rework
Faster- reduce downtime and waste
Smarter- run faster while improving productivity through automated smart-converting

Delivering quality end products while reducing downtime and scrap is critical for your narrow application. For decades, Maxcess has pioneered the industry with cutting-edge end-to-end solutions that let your press run at peak output performance, with a **global team** of experts helping you run better, faster and smarter.

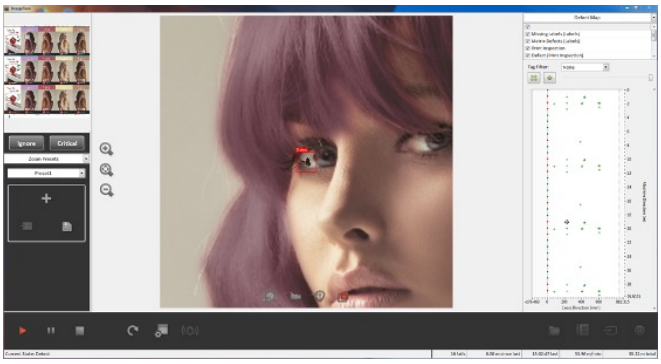
Our global team delivers more than responsive, convenient service and support for your inspection investment. It also means vertical integration with local manufacturing and service locations throughout North America, South America, Europe, India and Asia Pacific. This allows us to offer unrivaled value worldwide, with the ability for you to have local contact with Maxcess no matter where you are. With a combined 400 years of knowledge between our brands of **RotoMetrics, Fife, Tidland, MAGPOWR, Webex, Valley Roller and Componex**, nobody can match our expertise in web handling applications, installation, innovation or customization.

VisionMax for narrow web is an out of the box machine vision solution that provides printers and machine builders alike a choice of technology to match budgets and performance. Each unit includes a self install solution, with integrated idlers, encoders, lights and power supplies. The user can choose from **multiple cameras** to match the process the system is being applied to. Each system includes a **24 inch touchscreen** and industrial processor, with a perpetual license for **inspecting labels,** including matrix inspection for lines that die cut, label counting , print inspection and VisionConnect, Maxcess's workflow software. The user may optionally add color LAB point measurement, 1D/2D code identification and pdf to image verification. The user can also optionally add an IO package to control rewind machines.

INSPECT PRINT WITH EASE

COMMON DEFECTS

Splashes
Missing print
Plate issues
Matrix defects
Roller marks
Hazing
Bleeding
Substrate issues
Mis-register
Color variations



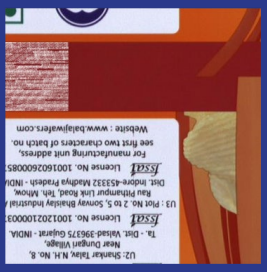
BENEFITS

VisionMax inspects on printing presses using high-resolution color cameras that enable consistent quality for repeating jobs, alerting the operator in real-time of any process issues that will cause returns. With **VisionMax** you can:

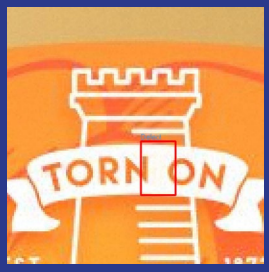
- Use operator assist and color measurement on startup to reduce make-ready and reduce waste
- Detect repeating defects such as roller marks, missing print, or hazing while reducing in-line waste
- Apply consistent standards on copy and color, avoiding customer returns and rework
- Run your presses faster and reduce requirement to over print by measuring output against orders

NO MORE RETURNS AND REWORK

COLOR



MISSING PRINT



DRAGS

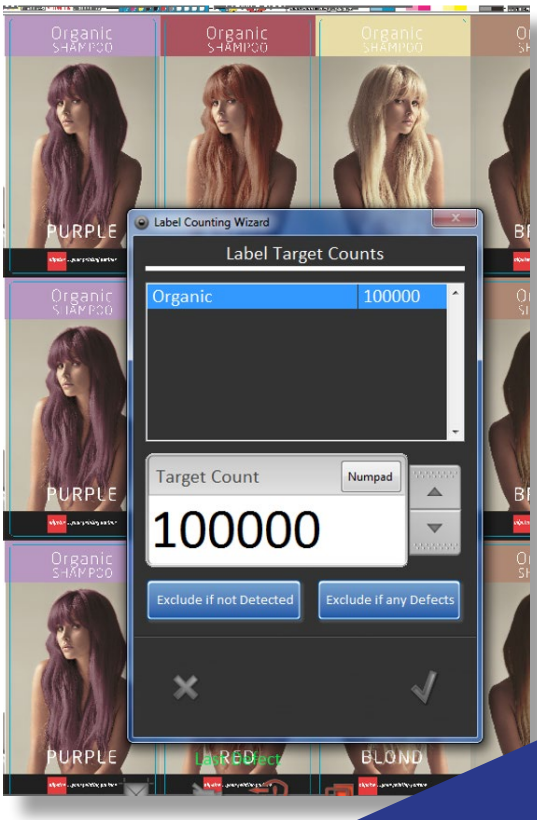
ROLLER MARKS

IDEAL SOLUTION FOR LABELS

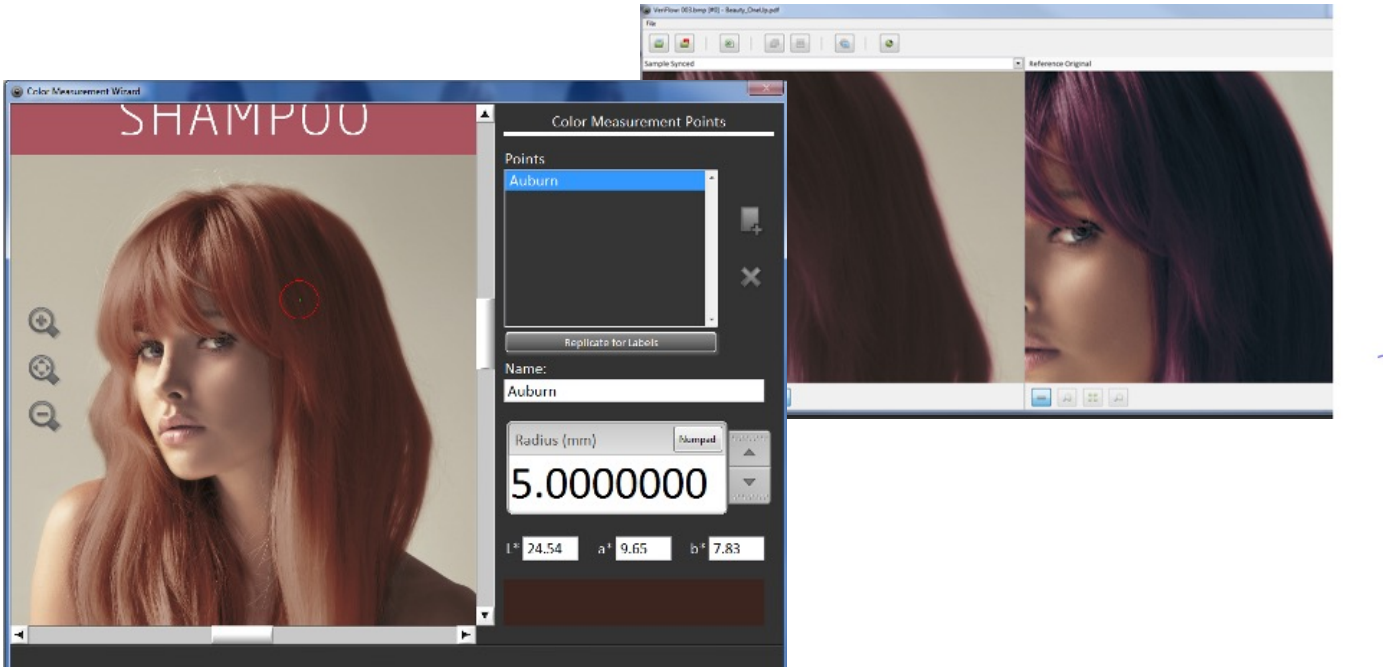
LABEL INSPECTION MADE EASY

With widespread liner and material variation challenges, it is critical to reduce scrap with a powerful vision inspection tool. Our proprietary VisionMax software is tailor-made for inspecting labels, giving your operators the tools they need to easily get the job done right the first time. We make inspecting your labels easy with our:

- **100% label inspection**
- **Easy wizard setup for operators**
- **Support for multiple label types on one repeat**
- **Label counting with optional press control**
- **Matrix inspection**
- **Presence and count**
- **Print inspection**
- **Copy verification**
- **Color inspection**
- **Variable data verification**



ADVANCED FEATURES AND OPTIONS



No matter you application, we have powerful software options to ensure you optimize your output and quality

- LAB color measurement- multiple points per label that will plot, display and alarm if out of specification
- Copy Verification- PDF image verification to find copy defects and store a template for each job
- Operator Assist- Live video display with picture-in-picture that can be projected on a 55" screen for easy viewing

4K CAMERAS AND THREE PRESS SIZES TO CHOOSE FROM

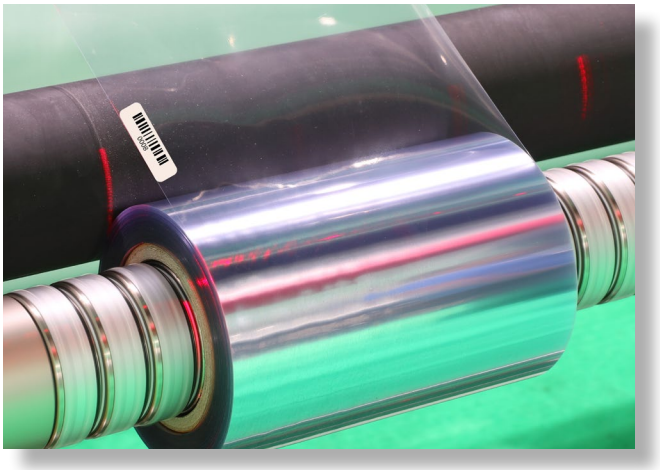
- **Off-the shelf solutions for 14, 20 and 27" presses**
- **Multiple camera options to fit your application and budget**
- **High-end LED light source options for paper, clear films and foil**
- **Turbo option for faster line speeds**

SMART CONVERTING MADE EASY

VISIONCONNECT ON YOUR PROCESS LINE:

100% is only the beginning. With our proprietary **VisionConnect** workflow automation tools, we give you the power to harness your data to run smarter. **VisionConnect** applied on your process line can be used to:

- Insert tags or print unique identifiers on trim to identify position for resynchronizing in subsequent processes
- Track roll events such as splice or knife cuts, and other key process events
- Import inspection data and match to serialized roll maps to enable automated waste removal
- Operators can define roll events and attach electronic commentary to record key manufacturing intelligence that can be used for troubleshooting and smart converting



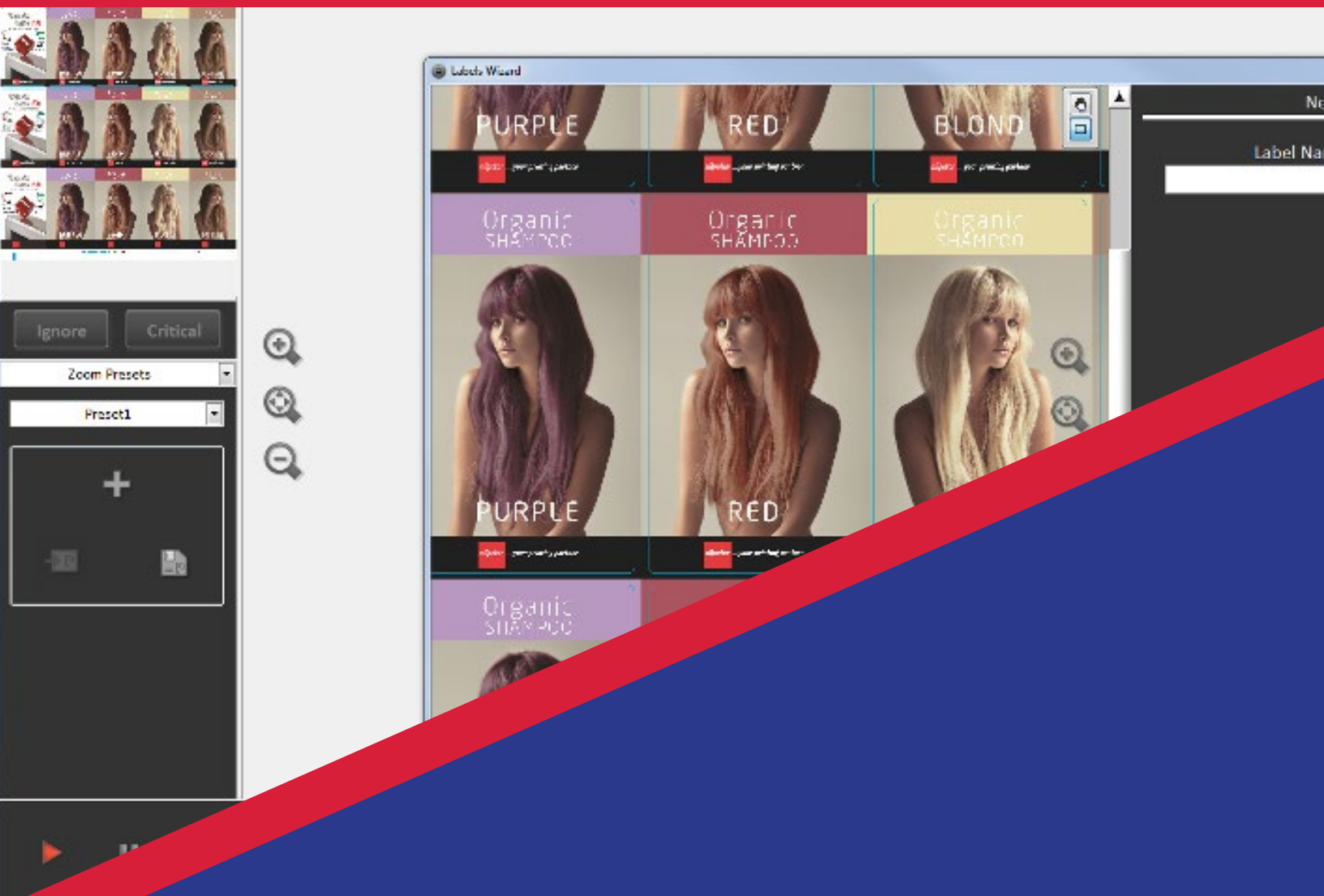
VISIONCONNECT ON YOUR SLITTER

When installed on a slitter, **VisionConnect** can be used to optimize yield and automate waste removal. Improve productivity on slitters by reducing time spent doctoring, while making sure no marked defects get shipped to customers. **VisionConnect** on your slitter includes the following capabilities:

- Edit roll and add cut commands based on customer contract so operators have clear instructions on how to manage rolls for resynchronizing in subsequent processes
- Automatically control rewind/slitter to stop using standard controls so your machine can run at top speeds
- Use global IDs to automatically load roll data and resynchronize after splicing, with online or hand scanners
- Provide operators with simple, easy-to-use interface, including defect images and graphical feedback on location, current and target

WORK BETTER, FASTER AND SMARTER TODAY

1. Maxcess Vision Systems are reliable and built to last
2. Your purchase is backed by our global service and support, 365 days a year
3. Maxcess Vision Systems are designed for your exact process
4. Operators can be up-and-running quickly, with an easy-to-use interface
5. Get all the features you need, don't pay for the features you don't



LET OUR VISION BE YOUR VISION

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LET US SOLVE YOUR CONVERTING CHALLENGE TODAY!

SCAN TO CONTACT YOUR LOCAL SALES REPRESENTATIVE

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MAXCESS®

BETTER, FASTER, SMARTER

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