MAXCESS® | VISION SYSTEMS

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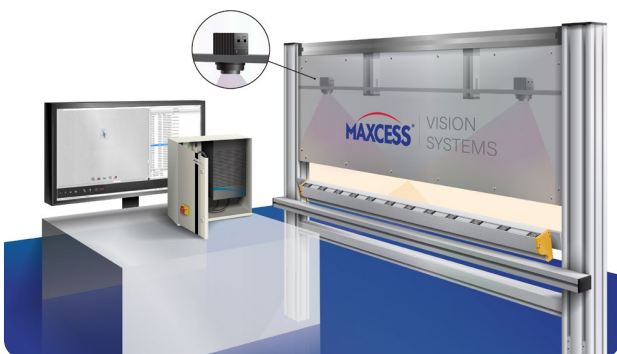
Better- no more returns and rework
Faster- reduce downtime and waste
Smarter- run faster while improving productivity through automated smart-converting

Delivering quality end products while reducing downtime and scrap is critical for your wide web converting application. For decades, Maxcess has pioneered the industry with cutting-edge end-to-end solutions that let your converting line run at peak output performance, with a **global team** of experts helping you run better, faster and smarter.
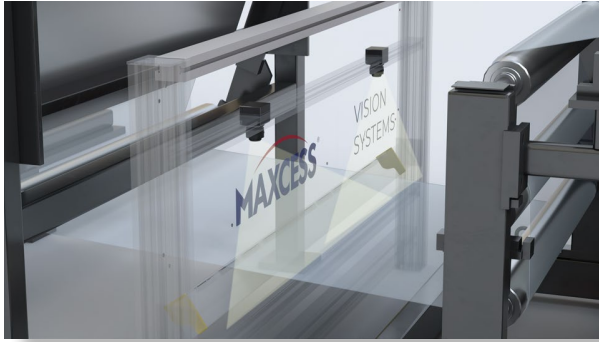
Our global team delivers more than responsive, convenient service and support for your inspection investment. It also means vertical integration with local manufacturing and service locations throughout North America, South America, Europe, India and Asia Pacific. This allows us to offer unrivaled value 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.

At the heart of our 100% inspection solution is **VisionMAX**, our proprietary software and high-end industrial PC in an IP-rated enclosure that offers **unrivaled price performance**. While the competition requires a separate inspection system for each converting application, we use **one open system** that can be applied on all lines, saving you time and money. A complete solution paired with our advanced cameras, sophisticated lighting package and high-resolution touchscreen OI, our **VisionMax** line allows an operator to be up and running quickly, detecting critical defects in real-time before they **become a costly problem.**

INSPECT PAPER, FILM AND FOIL

SUBSTRATE INSPECTION

COMMON DEFECTS

Wrinkles
Carbons
Gels
Water Stains
Fish Eyes
Splices
Holes
Foreign Matter
Scratches
Insects
Contamination
Die Lines

BENEFITS

VisionMax will locate all defects and identify their exact position, taking a snapshot of the defect and alerting the operator in real-time. With **VisionMax**, you can:

- Inspect while extruding, providing real-time feedback on gel density and black spec contamination
- Inspect while unwinding, preventing holes, dents, edge cracks and splices, which disrupt your process
- Use our inspection system to guarantee your business by shipping product with zero defects

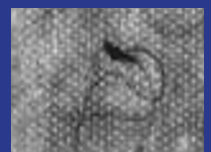## FIND DEFECTS BEFORE THEY BECOME CRITICAL AND COSTLY

DARK GELS   **STAINS**   **HOLES**   **INSECTS**   **FOREIGN MATTER**

INSPECT COATINGS OR LAMINATES

COMMON DEFECTS

Voids
Excess Glue
Die Lines
Coating Register
Foreign Matter
Substrate Defects
Wrinkles
Holes
Bubbles
Delamination

BENEFITS

VisionMax can inspect film, paper and foil laminate (printed or plain). Inspect coatings, varnish or adhesives for presence and foreign matter. Take advantage of our unique sensors and illumination solutions to:

- Detect adhesive, primer or clear coating voids on paper, film and foil. Remove safety hazards where operators need to touch to confirm presence
- Find lamination defects in-line where it is possible to reduce waste and avoid landfill
- Inspect complex structures such as nonwovens and composites using advanced sensors and deep learning algorithms

INSPECT PRINT

COMMON DEFECTS

Splashes
Missing print
Plate Issues
Roller Marks
Hazing
Streaks
Bleeding
Substrate issues
Mis-register
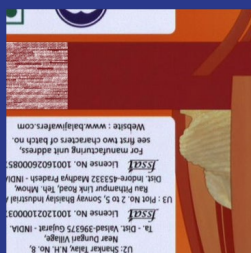Color Variations

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, hazing or streaks while reducing in-line waste
- Apply consistent standards on copy and color, avoiding customer returns and rework
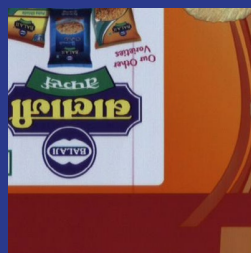- Run your presses faster and reduce requirement to over print by measuring output against orders
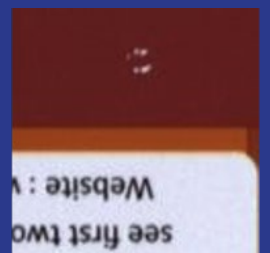

NO MORE RETURNS AND REWORK

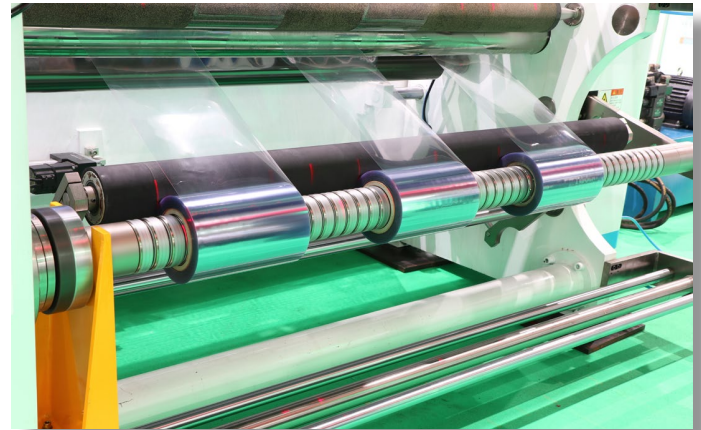| COLOR	STREAKS	DRAGS	ROLLER MARKS

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:
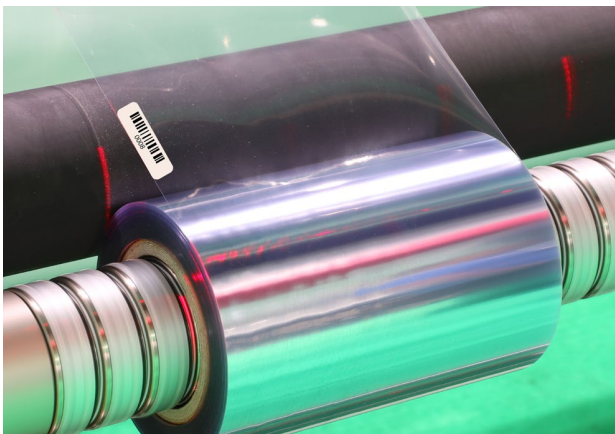
- Insert tags or print unique identifiers on trim to identify position for resynchronizing in subsequent processes
- Track roll events such as splice or knife cuts, and other key process events
- Import inspection data and match to serialized roll maps to enable automated waste removal
- Operators can 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

MAXCESS® | VISION SYSTEMS

LET US SOLVE YOUR CONVERTING CHALLENGE TODAY!

SCAN TO CONTACT YOUR LOCAL SALES REPRESENTATIVE

WWW.MAXCESS.COM

1-844-MAXCESS

MAXCESS®

BETTER, FASTER, SMARTER