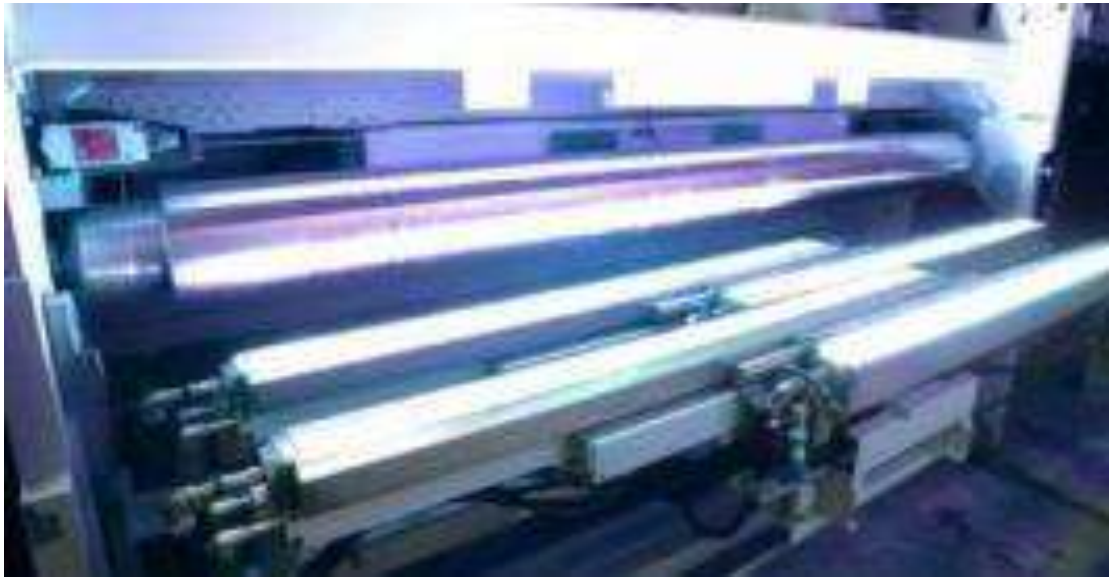
Cold UV - *With TurboBoost*



ColorCure ColdUV

COLOR SELLS

UV Over-Varnish Provides the Following Benefits

MAXIMIZED PRODUCTIVITY

- High Speed Printing, Die Cutting and Finishing In a Single Pass.

OPTIMIZED QUALITY

- Maximized gloss levels
- Full print protection
- Extremely high scuff & rub resistance
- Increased water resistance & box strength
- Significant reduction of waste

Safety & Performance

JB MACHINERY

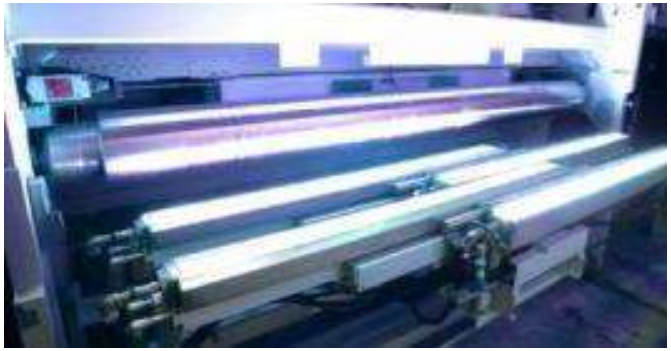
ColorCure ColdUV™

The Ultimate UV Safety / Performance / Quality Solution

So why ColorCure Cold UV?

THE SAFEST UV CURING SYSTEM

- Surfaces below auto ignition temperature of paper
- Off in less than 1 second
- With Sentinel Technology



OPTIMIZED QUALITY

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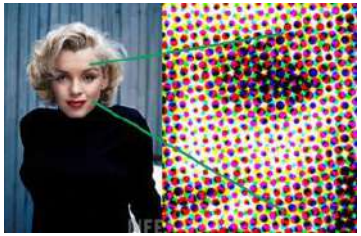

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ColorCure ColdUV

COLOR SELLS

Safe operation while leveraging the Power & Performance Cold UV

Safety
- Lamps OFF in less than 1-second

Safe Operating Temperatures
- Surfaces below auto ignition temperature of paper
- Auto ignition Temp of Paper 217-246°C (424-475°F)

Prevention Inspection
- Sentinel - Automatic Sheet Detection
- VisionMaster - Dryer Inspection & Monitoring

Process Control
- Data Logging => Where + When + Who
- Report

Safety & Performance

JB MACHINERY

ColorDry XL3000 with SENTINEL™ TECHNOLOGY

SENTINEL™ - Maximized Safety & Accountability

LED Light Curtain - Sensing Any Intrusion

- Entire coverage of the UV curing surface
- 5mm Above guide bars / glass
- Debris Blower - Ensuring Sentinel Paper Debris Detection.

VISIONMASTER – In Press Dryer Inspection and Monitoring

- Remote RFID Reset (Not Available on All Machines)
- Real Time Dryer Inspection & Monitoring
- Digital Video Recording
  - Incident History Review

Safety & Performance

JB MACHINERY

ColorDry™ XL3000 with SENTINEL™ TECHNOLOGY

ColorCure® ColdUV™

Promote and Protect

JB® MACHINERY

ColorDry XL3000 with SENTINEL TECHNOLOGY

ColorCure ColdUV

Trends & Challenges

11/2.2017-1.2.2018

6-7.2018

11/12.2018

2.2019

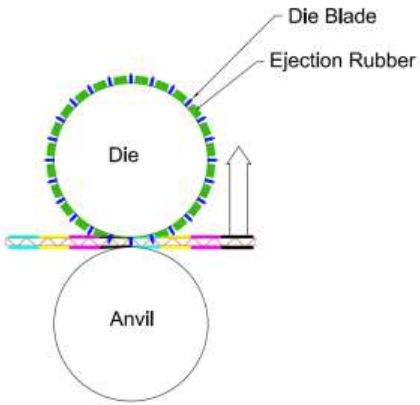
7.2019

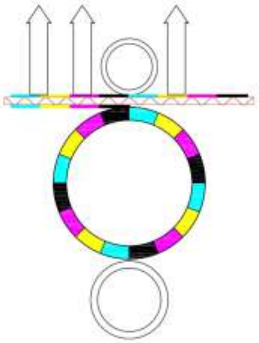
Promote and Protect

JB MACHINERY

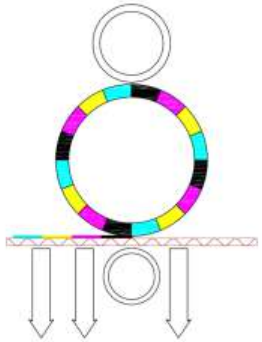
Trends & Challenges

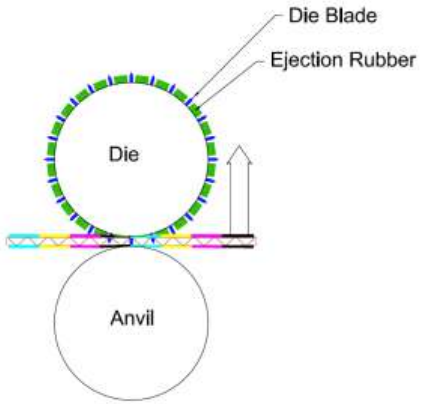
Inside Outside RDC

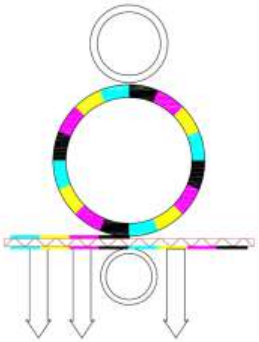




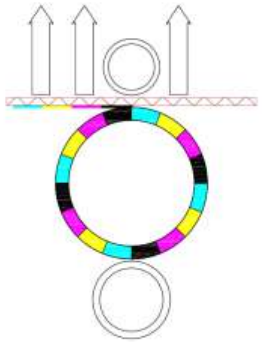
Top Bottom Printing







Bottom Top Printing



Promote and Protect

JB MACHINERY

ColorDry XL3000 SENTINEL TECHNOLOGY

ColorCure ColdUV

Drying: Top and/or bottom printing in-line and the need for drying.

Productivity / Quality – Dryers make it possible to run at stated press speeds when printing white top, semi or fully coated papers (see JB Fine Printing Guidelines).

Productivity / Quality – Anvil cover marking and smearing is very common when printing on all papers if dryers are not employed – leading to excess downtime for cleaning/grinding.

Quality – Ink color vibrancy and gloss will be greatly enhanced when using dryers.

Quality – Without dryers the colors can bleed causing color bleed at the ink traps

Drying: Top and/or bottom printing in-line and the greater need for drying.

It is vital that the top printed colors are fully dried before passing to the bottom print stations to avoid smearing or marking from the vacuum transfer plates.

It is vital that the top printed colors are fully dried to avoid the potential of ink build-up on die cutting knives potentially causing sheet jams, dirty cutting and marking.

It is vital that the top printed colors are fully dried to avoid the potential of die cut ejection rubbers marking and defacing the printed work, due to the stresses created at the ink surface when die cutting.

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Trends & Challenges

Inside Outside 2 over 4-UV RDC

ColorDry™ XL3000 with SENTINEL™ TECHNOLOGY

ColorCure® ColdUV™

SUN AUTOMATION GROUP

Drop In and Stand Out

New Drop-In Products Increase Performance and Expand Offerings

GraphiVac

Transfer Section with Final Flexo Dryer

JB Machinery and SUN Automation offer a self-contained stand-alone drying unit

- Maximize production and finishing speeds
- Improve print quality, uptime, and safety
- Achieve highest performance for end-of-process drying
- Generate up to 100% increase in speed
- Eliminate ink smear created by die cutting
- Ensure board is free from the last print nip prior to entering die cut nip

Spectrum® Inside Print

Everything Corrugated Under SUN AUTOMATION GROUP

Color Units for a Variety of Makes & Models

Retrofitted to most machines, allowing graphics on inside of box

- SunTrac® Vacuum Transfer system permits accurate sheet control
- Specific board caliper settings within .001"(.025 mm)
- Harmonic Drive digital register for maintenance-free operation
- ColorMaster or AccuPrint® blade system controls precise ink metering
- Self-contained controls for easy installation and maintenance
- Available room for IR drying

Available for existing machine applications. Get a quote today.

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Promote and Protect

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Thank you for your time and attention!

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