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# Xeikon technology

- Engine
- Ink/toner
- Device workflow

## End-user applications

Food



Pharma



Wine & Spirits



Beverages



Health & Beauty



Chemicals



Durables



DRY TONER

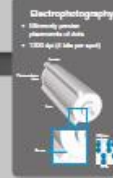
FUSION

UV INKJET

## Printing

### Electrophotography

Complementing offset- and flexo-printing



### UV Inkjet

Complementing screen- and flexo-printing



## Consumables

### Dry Toner

Food-safe labels



	Dry Toner	UV Inkjet
<b>Look and feel</b>		
Look Impression	Rich	Shiny
Tactility	Softer	Stark and High
Water-Resistance	High	Higher
<b>Compatibility</b>		
UV Inkjet in combination	Not suitable (Print speed)	OK
Dry Toner in combination	OK	OK
Water-Resistance	OK	OK
Chemical resistance	Substrate	Not suitable
<b>Availability</b>		
Chemical Resists	None	Specialty & Solvent based
Print Completion	OK	25% off

### UV Inkjet

Durable labels



## Embellishing

### Fusion

High-end labels. One pass. One platform. All digital.



High Opaque White

SpotVarnish

Coldfoil

Tactile Varnish

Braille

## Converting

Broadest portfolio for in- or offline converting



WVM  
Inline water- or UV-based  
Flood- and Spot-varnish

DCoat  
High-end modular converting platform  
for unwinding, varnishing, die-cutting,  
slitting and rewinding

MiniDCoat  
Economical converting platform

LDU  
Converting Solution with Laser die-cutting

## X-800 Workflow



Sizeable to your business

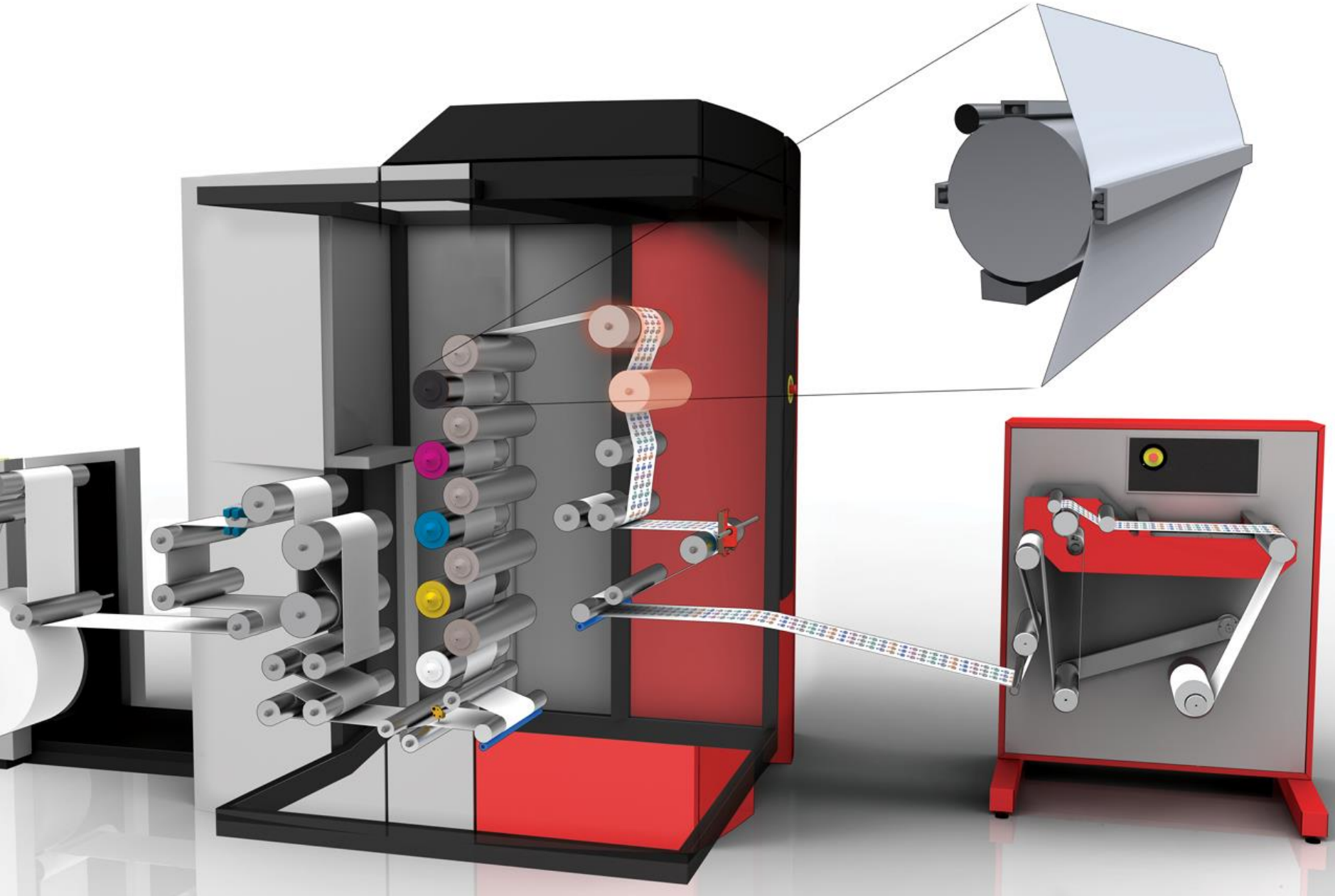


Pushing performance and productivity



Guaranteeing Consistent quality

# Xeikon toner press technology



# Xeikon press technology

5 INDIVIDUAL PRINTING STATIONS

- PRODUCTIVITY NOT IMPACTED BY # COLORS
- ACCURATE REPEAT POSITION

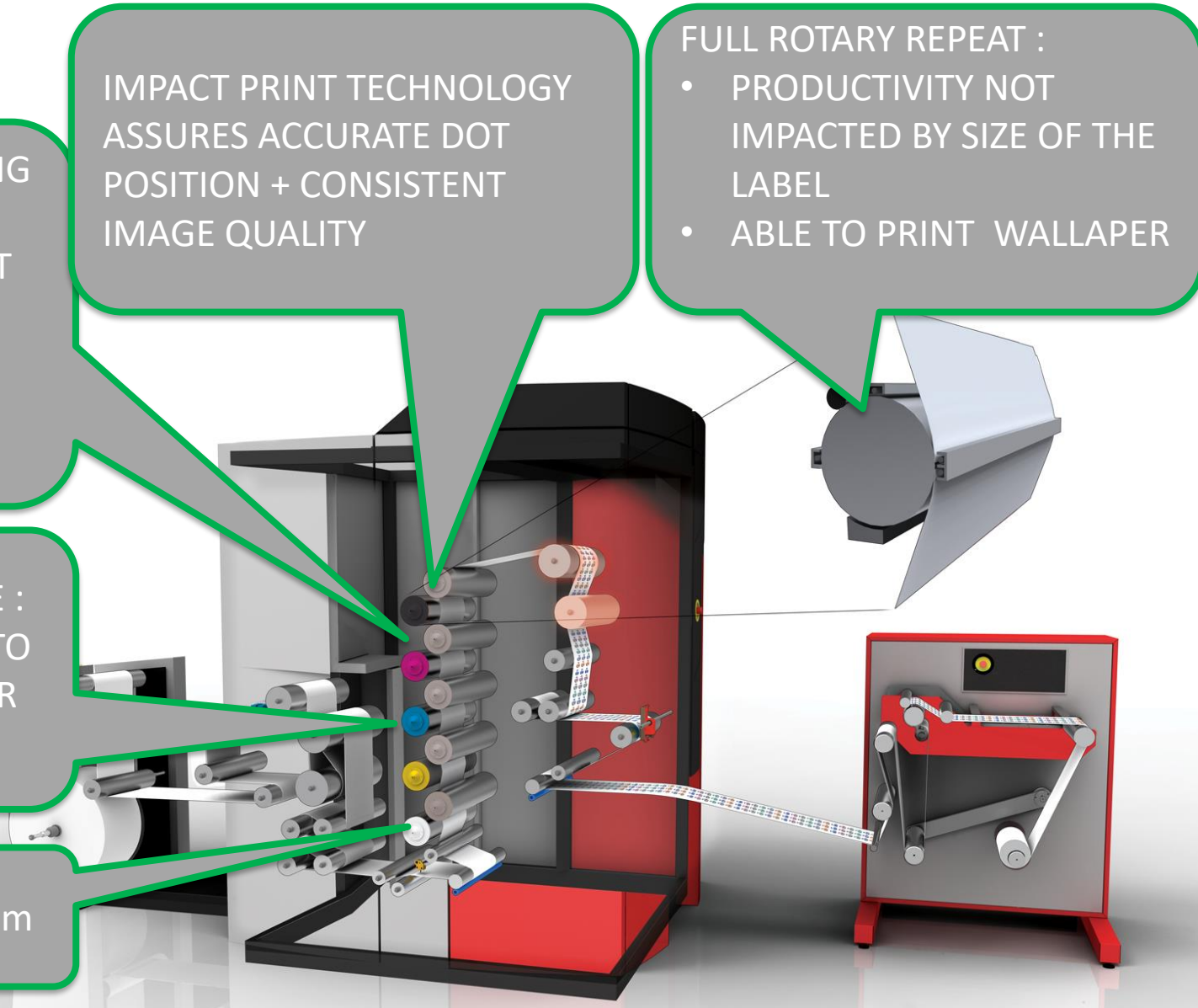
IMPACT PRINT TECHNOLOGY ASSURES ACCURATE DOT POSITION + CONSISTENT IMAGE QUALITY

FULL ROTARY REPEAT :

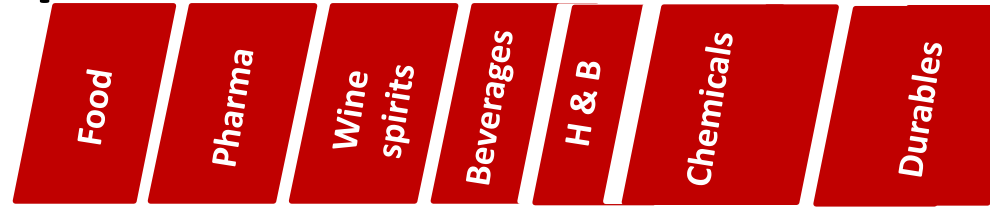
- PRODUCTIVITY NOT IMPACTED BY SIZE OF THE LABEL
- ABLE TO PRINT WALLPAPER

OPEN ARCHITECTURE :  
DRY TONER → EASY TO CHANGE SPOT COLOR  
<10MIN

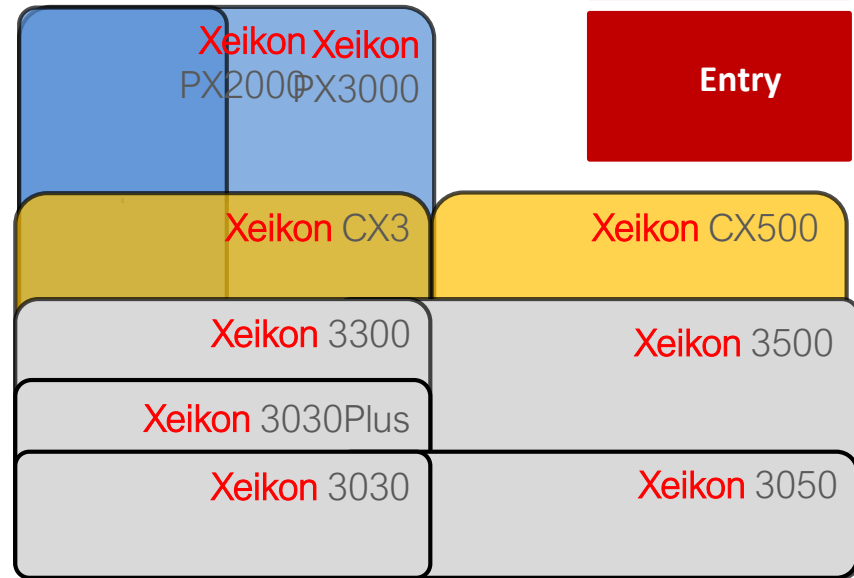
Web width 200-516mm



# Xeikon L&P press portfolio



Speed  
[m/min]

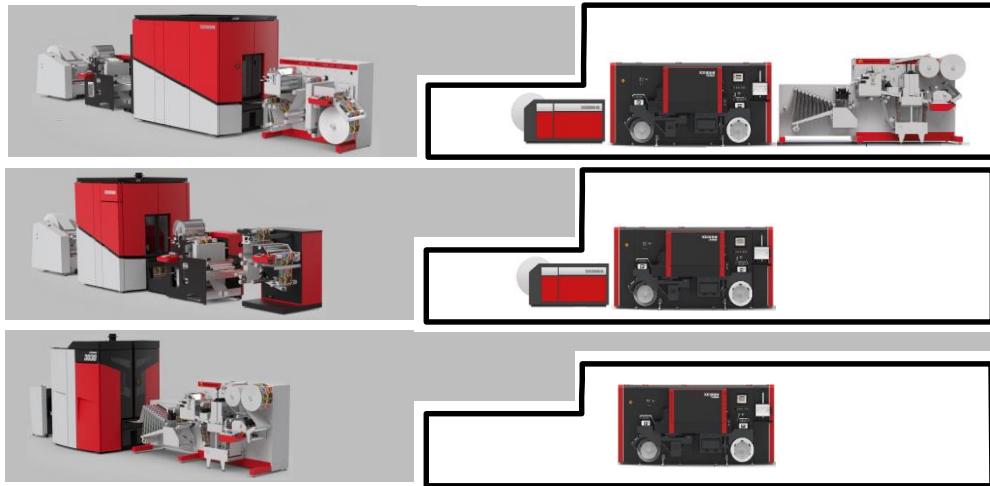


200

330

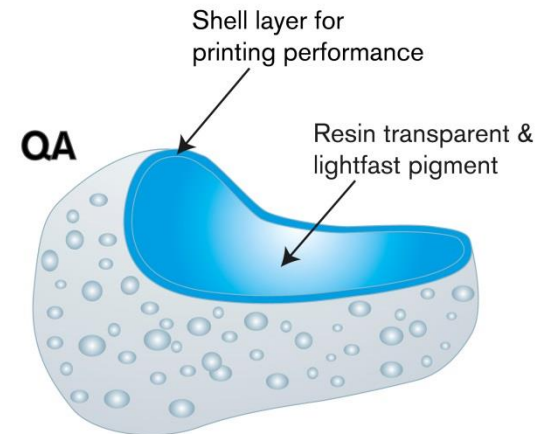
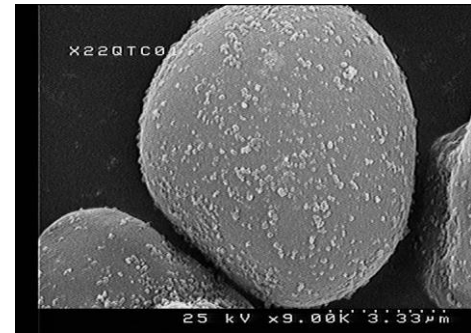
516

Width [mm]



# Dry toner - characteristics

- No Solvents / no mineral oil
- PET- based toner system
  - Durable
  - Water resistant
  - **Food safe**
- Varnish is advised for
  - Scuff / scratch resistance
- New toners designed for PE/thermal substrates



# Dry toner - products

Exchanging color is easy → various toners available

- **Standard** color : CMYK
- **OTS** colors : red, green, blue, orange
- **Custom** colors : customer specific
- **Technical** colors : White, Clear uv reflecting, security color
- **Creative** colors : MatteSilver, PaladiumSilver

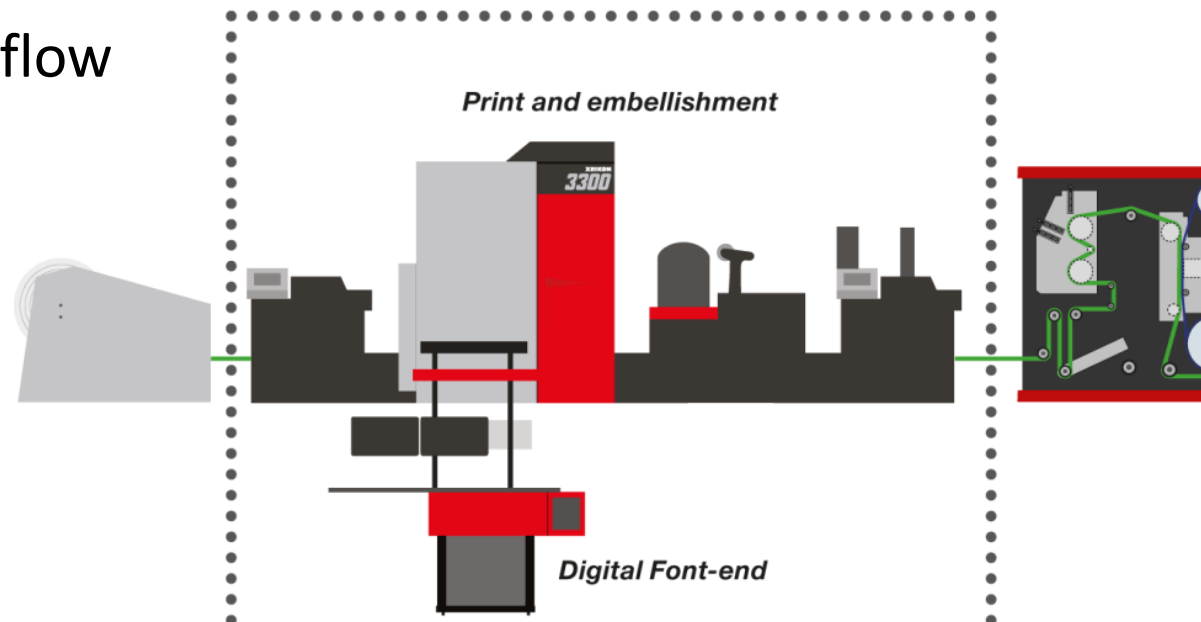




# FUSION technology (by dry toner)

One pass – One platform – All digital

- Digital combination printing
  - Embellishment through digital print (inkjet, dry toner, ...)
  - BEFORE and/or AFTER 5C digital press
  - High-end labels (wine&spirits, cosmetic, beverage...)
  - One central workflow



# Xeikon workflow

PRODUCTION  
WORKFLOW

DEVICE WORKFLOW

PREPRESS ENVIRONMENT

**Kodak**



X-800

**ESKO**  
artwork 



X-800  
PREPRESS  
STATION



PRODUCTION ENVIRONMENT

X-800 streamer



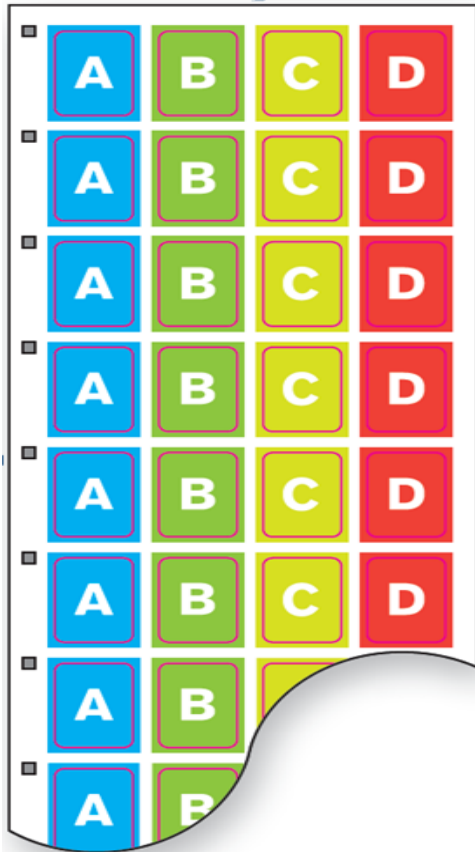
X-800 streamer



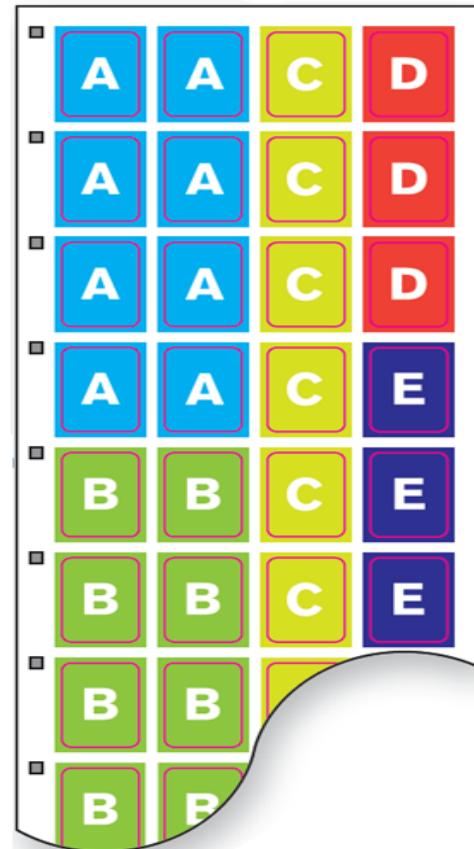
# Xeikon workflow

- Dedicated device workflow allows converters to get more out of their press

standard

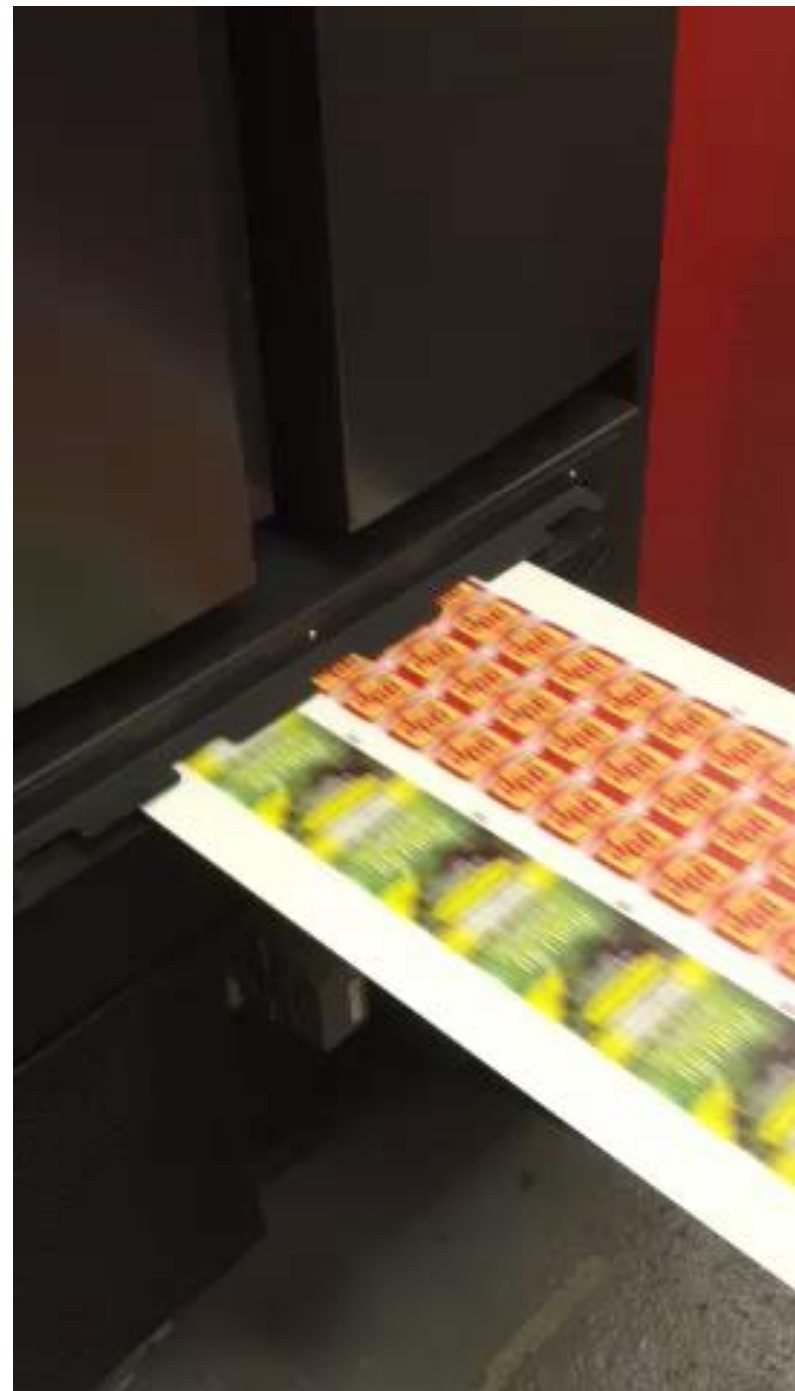


unique with Xeikon



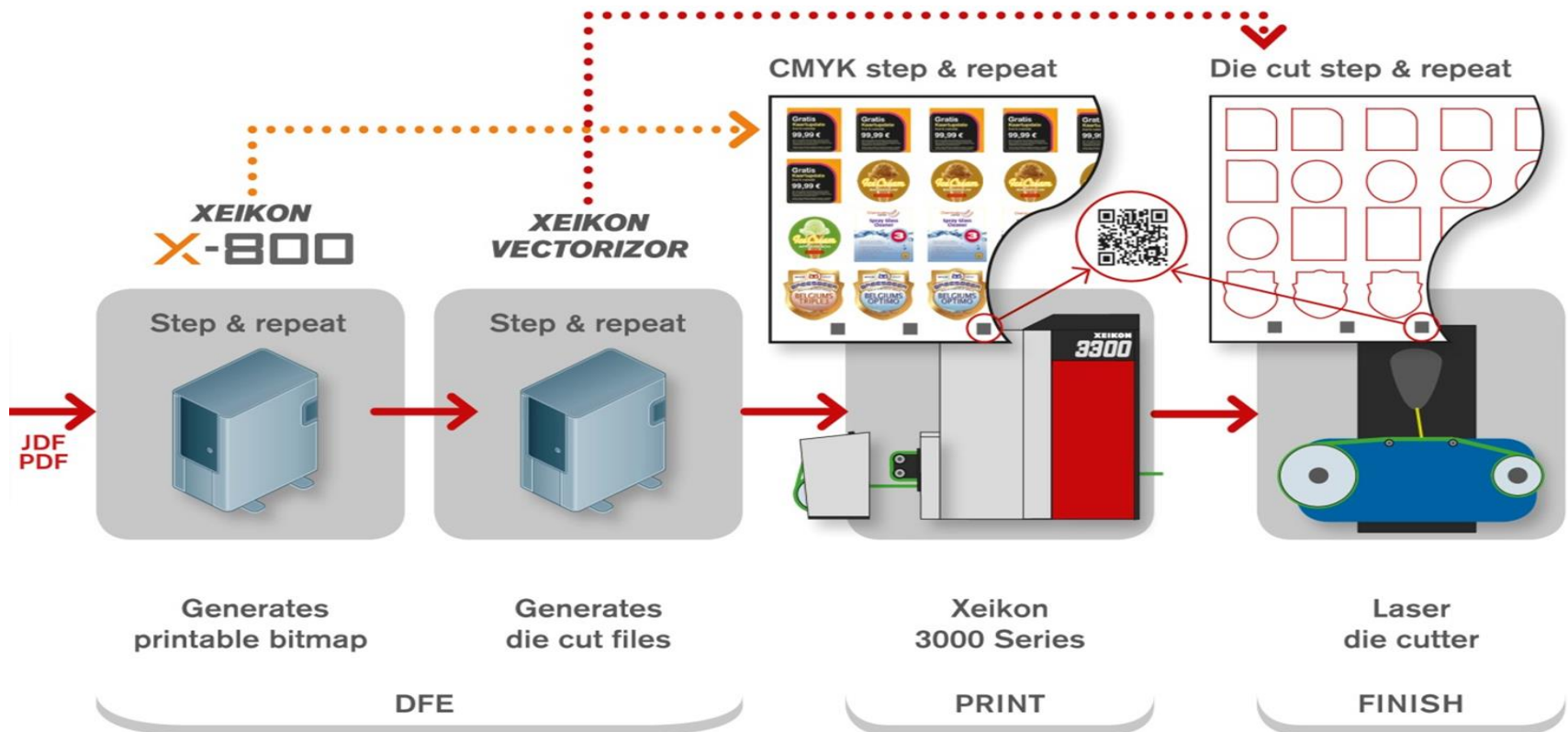
# Xeikon workflow

- Varilane
  - Minimize waste by optimal use of the web width
  - Maximize productivity



# Xeikon workflow

- Xeikon Vectorizer (Patented) – the missing link in digital production



# Xeikon workflow challenge



**Matching the color**  
across platforms (ij, toner, flexo) ,  
across substrates

Colour & Diamond

**\$299**

2342723



**Earrings**

2-4X6PEAR AMTH 1/10CT DIA EAR

Plain Gold

**\$65**

10898536



**Chain**

10Y 45CM/18" FINE ANCHOR CHN

**Job preparation**  
11.000 record, 6 variables  
All prepared in **under 50sec**

# Dry toner application range

- Folding cartons
- Security printing
- IML labels
- Heat transfer Labels
- Leaflets/booklets
- Wrap around labels
- Pouch
- ...

Thank you for your attention