



**XEIKON**

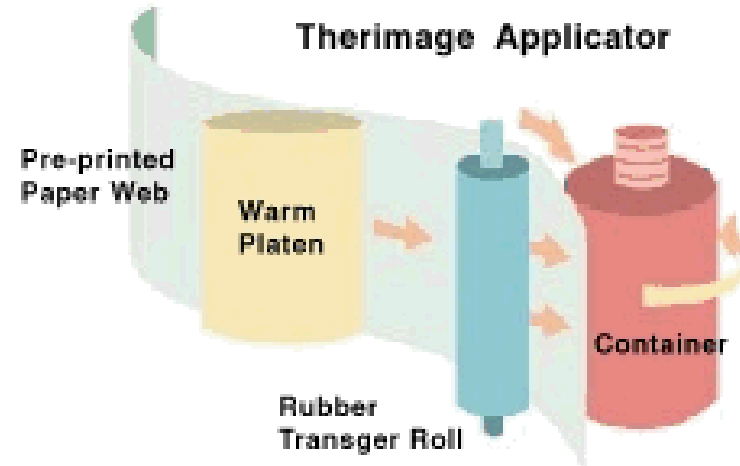
# HEAT TRANSFER LABELS

Suite

# What is a transfer label?

A decoration which is transferred from a carrier to an object.

- Decoration can be a printed image or other
- Transfer happens through heat and/or pressure and/or adhesive
- Carrier can be transfer foil or transfer paper
  - Holds a release layer specific to :
    - the print process / ink-toner
    - The to-be decorated product



## Type of transfer labels

- Industrial transfer : plastic containers, consumer goods
  - Mandril
  - Non Mandril
- Promotional transfers: promotional products
  - Diamond
  - Cdigital
- Textile transfer: garment and textile
  - Patented by DST
- Waterslide: short life home made
  - Tullis Russel



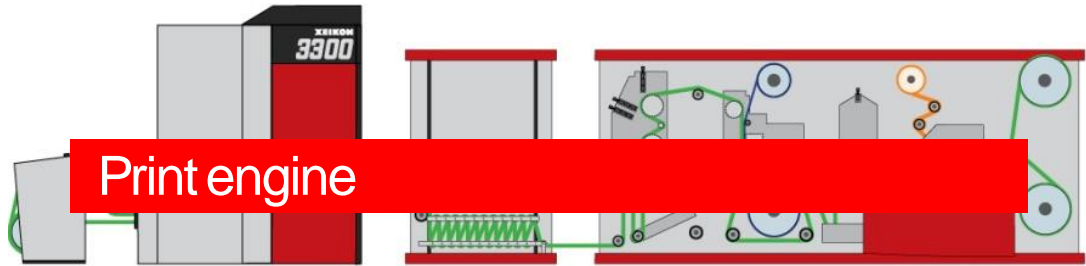
# Why to choose for Xeikon?



1. Choice of different digital presses
2. Full rotary technology – variable repeat
3. Consistently high quality
4. Application tuned dry toner
5. Dedicated workflow



# Heat Transfer Labels Application



## Services

- Color services
- Dashboard services
- ...

## Software

- X-800 workflow
- Color Magic



## Print media

- Siliconized Papers (Mondi, Rossella)
- Siliconized PET (Silicone Natura)
- PET with release coatings (Diamond Photofoil, ITW, ..)
- Wax Papers (Bomarko, International Converter)



## Consumables /tools

- Dry toner ICE
- Primers
- Varnish



## Equipment

- miniUCoat
- WVM-primer module
- PMR





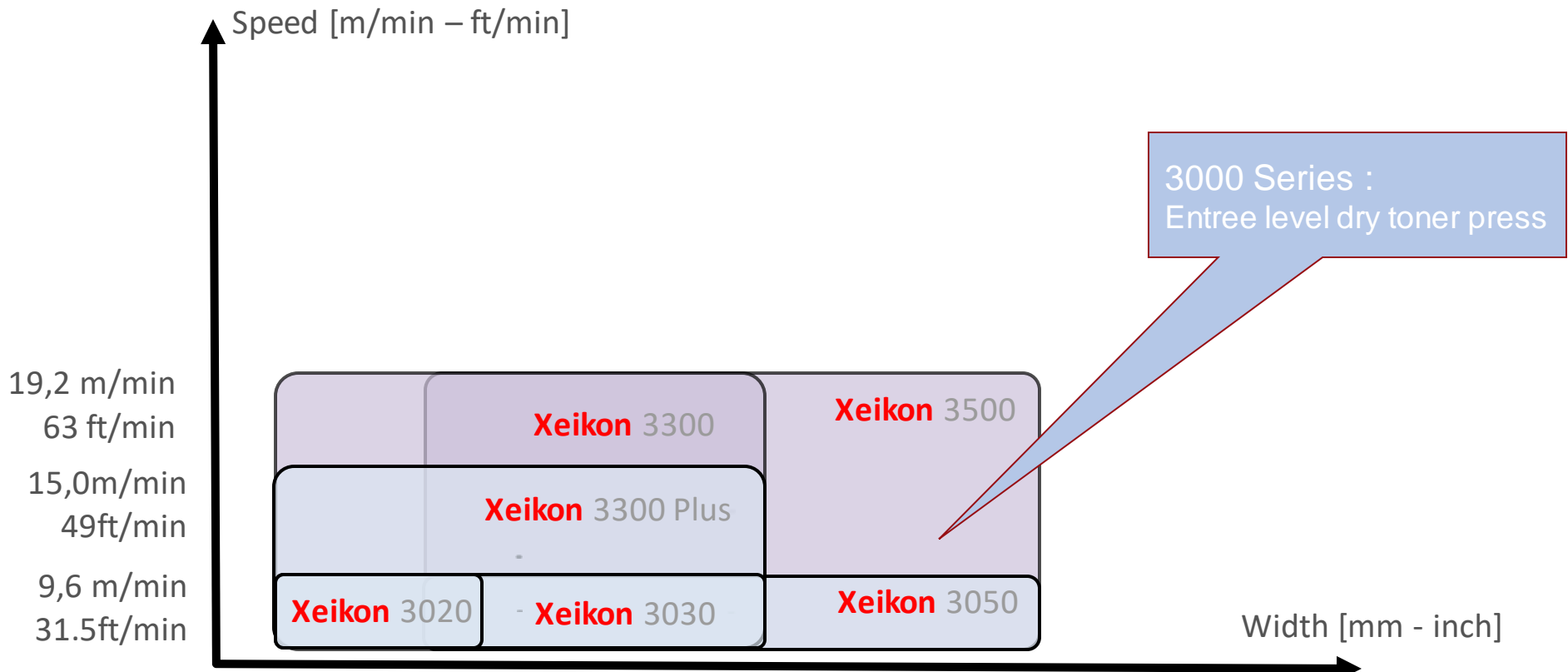
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## Print engines

3050/3500/CX500



# LABELPRESS PORTFOLIO



3000 Series :  
Entree level dry toner press

# full rotary principle

- Webfed press with variable repeat length



Stack



Stream out of the press

- Sheetfed press



Stack



Stream out of the press



# full rotary principle

- Webfed press with variable repeat length



Stack



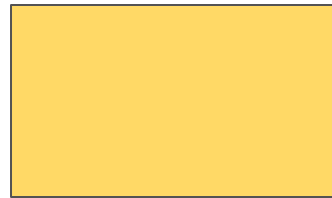
Stream out of the press



- Sheetfed press



Stack



Stream out of the press



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## **Software**

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X-800 workflow

MyPress

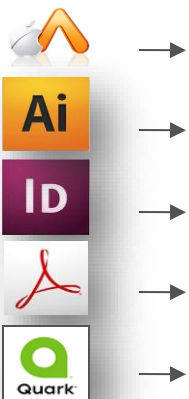
# X-800 workflow configurations

## STANDALONE SETUP

DESIGN  
WORKFLOW

DEVICE WORKFLOW

PREPRESS ENVIRONMENT



X-800  
PREPRESS  
STATION

PRODUCTION ENVIRONMENT

X-800  
streamer

X-800  
streamer

## INTEGRATED SETUP

PRODUCTION  
WORKFLOW

DEVICE WORKFLOW

PREPRESS ENVIRONMENT

Kodak  
ESKO  
artwork  
X-800  
PREPRESS  
STATION

PRODUCTION ENVIRONMENT

X-800  
streamer

X-800  
streamer



# MIS integrated setup



Xeikon Engine



X-800



← STATUS

→ JOB

MIS

Quotation	Scheduling
Order Entry	Tracking
JobTicket	Invoicing
Logistics	Accounting



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## Print Media

- Industrial (Mandril)
  - Mondi : TransferPaper Mondi BL 62 GL
  - Silicone Natura : Silphan 23M IR10003 Clear
  - Rossella : STW\_Glass\_W\_062\_1258
- Industrial (Non Mandril)
  - Bomarko : HTL 160 Therimage Paper
- Promotional
  - Diamond Photofoil
  - Cdigital
  - ITW



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## **Consumables**

QA-I or ICE toner (depending on application)

Primers & Adhesives

# Consumables

## QA-I or ICE- toner

- Reliable process - Offset a-like quality
- Toner choice will depend on application
- PET-based resin, high melting point
- Light fast : >6 blue whole scale
- Food compliant (indirect, direct dry food)
- No odor
- One-pass opaque white





# Primers & Adhesives

- Primer (Non Mandril)
  - Actega : HTL001127
  - Actega : HTL011331
- Adhesive (Non Mandril)
  - Actega : HTL001263



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## Equipment

miniUCoat 500

Web Varnish Module

# Equipment

WVM (Web varnishing module)

- Inline - placed between unwinder and full color printing press
- Able to apply waterbased primers

miniUCoat500

- Inline varishing module and rewind

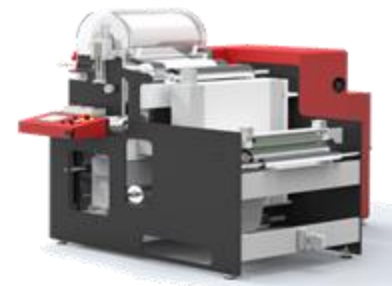


Foto  
miniUCoat



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## **Services**

Color Services

- Solutions and Premium Services

- Total Solutions

- responsible for the technical ownership from presales to customer acceptance
- We make sure that:
  - we have a solution for all customer requests
  - 3rd party sw and hw solutions are integrated with Xeikon
  - customers can start producing right after installation All being professionally managed by our project leaders



- Solutions and Premium Services

- Premium Services

- Xeikon wants to support their customers being constant highly efficient and productive
- For the best support Xeikon has created the dedicated premium services department with sw specialists and consultants that know how to become the best in your class