



**XEIKON**

# WALL DECO SUITE

*The digital answer to wallpaper production challenges*

Graphic Arts Segment

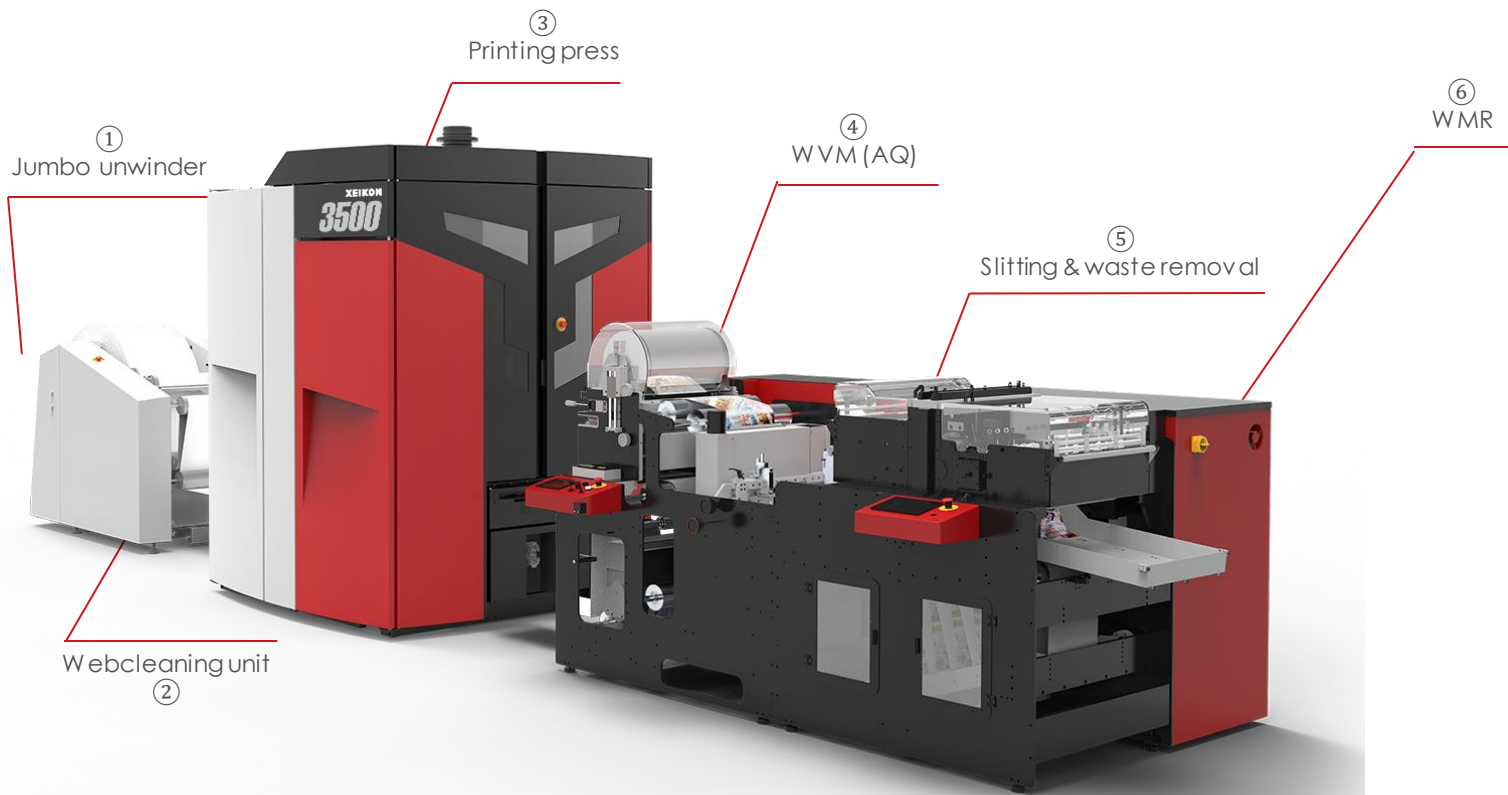
a division of **Flint**Group

# Wall deco suite

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## Overview

# WALL DECO SUITE (BASED ON X3500)



① Jumbo unwinder

③ Printing press

④ WVM (AQ)

⑤ Slitting & waste removal

⑥ WMR

② Webcleaning unit

# PMS-L integrated / 3500 / WVM AQ / WR500 (prelim)

### Power requirements

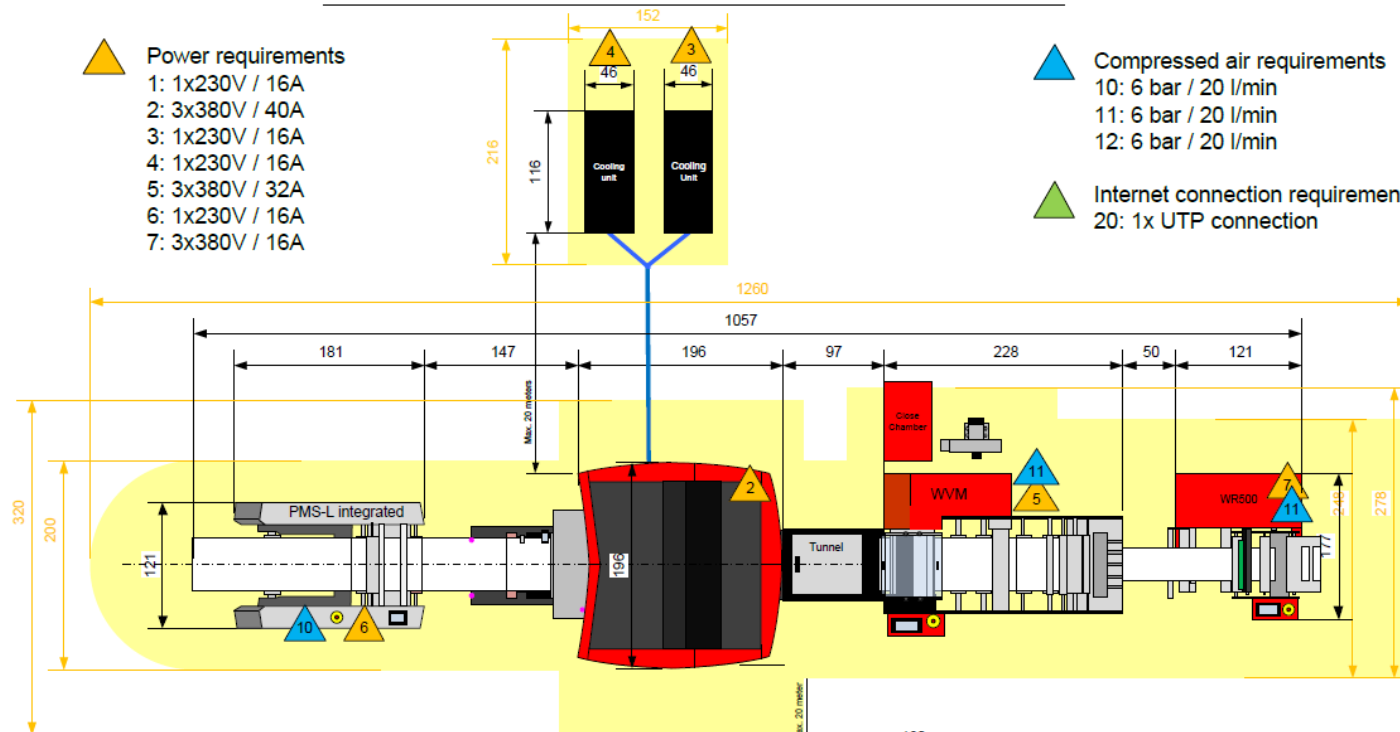
- 1: 1x230V / 16A
- 2: 3x380V / 40A
- 3: 1x230V / 16A
- 4: 1x230V / 16A
- 5: 3x380V / 32A
- 6: 1x230V / 16A
- 7: 3x380V / 16A

### Compressed air requirements

- 10: 6 bar / 20 l/min
- 11: 6 bar / 20 l/min
- 12: 6 bar / 20 l/min

### Internet connection requirements

- 20: 1x UTP connection



### Floor requirements:

The engines can only be installed on concrete floor. It is not allowed to install engines on carpets, raised computer floors or wooden floors. (except of the X-800 and cooling units)

Scale 1:50  
All dimensions in centimeters

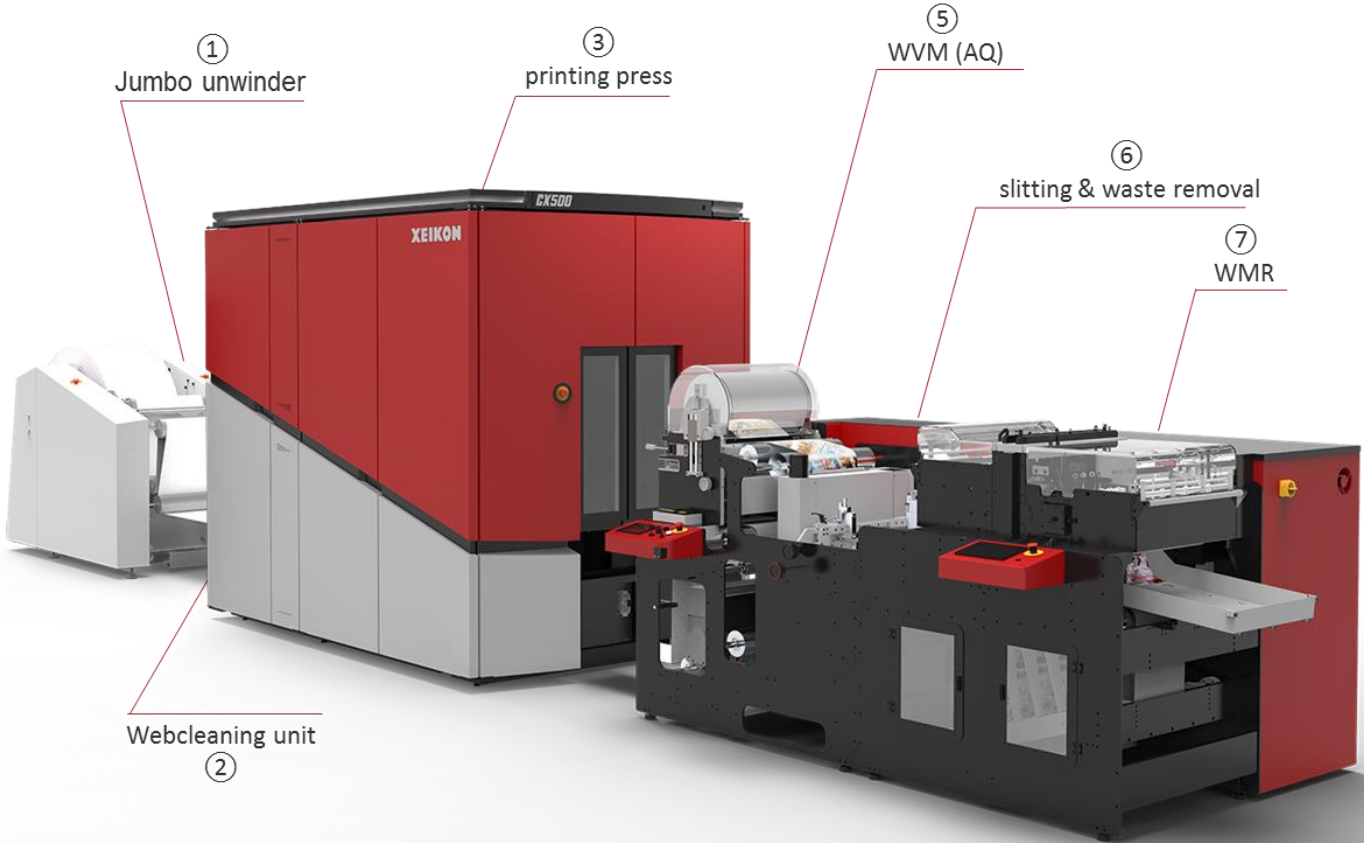
# DETAILED COMPONENT DESCRIPTION

Suite based on Xeikon 3500 simplex press

- ① Jumbo unwinder (up to 850kg, 1500mm  $\varnothing$ )
- ② Webcleaning unit (contact/non-contact)
- ③ Xeikon press
- ④ Web varnishing module (AQ WVM)
- ⑤ Slitting and waste extraction
- ⑥ Wallpaper Medium Rewinder (WMR)

*Optional: Rehumidification Unit*

# WALL DECO SUITE (BASED ON CX500)



# DIFFERENT SUITE CONFIGURATIONS

Based on budget, volume and application focus

Category	Core technology	Customer profile	Xeikon press	Production speed
Walldeco factory	<ul style="list-style-type: none"><li>- Gravure</li><li>- HP latex for trails</li></ul>	<ul style="list-style-type: none"><li>- Has conventional production</li><li>- Looking for high volume/output</li></ul>	CX500	Up to 936 m <sup>2</sup> /h
Walldeco High end digital	<ul style="list-style-type: none"><li>- HP latex 3.2m, multiple installations</li></ul>	<ul style="list-style-type: none"><li>- Core business is wall deco</li><li>- Digital production only</li><li>- Looking for high volume/output</li></ul>	X3500	Up to 600 m <sup>2</sup> /h
Walldeco Entry level digital	<ul style="list-style-type: none"><li>- HP latex 1.6 or 3.2</li></ul>	<ul style="list-style-type: none"><li>- Core business on Xeikon is wall deco (incl. Online Printers)</li><li>- Building up volume</li><li>- Speed upgrade X3500 possible</li></ul>	X3050	Up to 290 m <sup>2</sup> /h

## Wall deco suite

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Detailed description



# XEIKON 3500 PRESS HIGHLIGHTS

- ◆ Proven LED-array dry toner electrophotography
- ◆ 5/0 single pass
- ◆ True 1200dpi resolution - four-bit variable-dot density print
- ◆ Imaging width 508 mm
- ◆ Automatic density/register control while printing
- ◆ 5 colour printing speed 19.2 m/min (600m<sup>2</sup>/h)
- ◆ Contact fusing, alpine fuser drum
- ◆ Application tuned toner QA-I
- ◆ High-definition images & smooth tone transitions on a wide range of substrates
- ◆ Matte finish



# XEIKON CX500 HIGHLIGHTS

- New dry toner platform
- Proven LED-array dry toner electrophotography
- 5/0 single pass
- True 1200dpi resolution - four-bit variable-dot density print
- Web width : 250 – 520 mm (8.9” – 20.5”)
- Imaging width 508 mm
- 30m/min (98 ft/min) – 5C – 1200 dpi (900m<sup>2</sup>/h)
- Contact fusing, alpine fuser drum
- Automated and closed loop:
  - Density control
  - Register control
  - Color gamut control (option though Color services – color control)
- CMYK : covering 72% of the pantone range (deltaE2000 of 3)

- Off-the-shelf spot color for gamut expansion:
  - Orange, Green, Blue, Red, Xmagenta
- Application-tuned toner QA-CH
- High-definition images & smooth tone transitions on a wide range of substrates

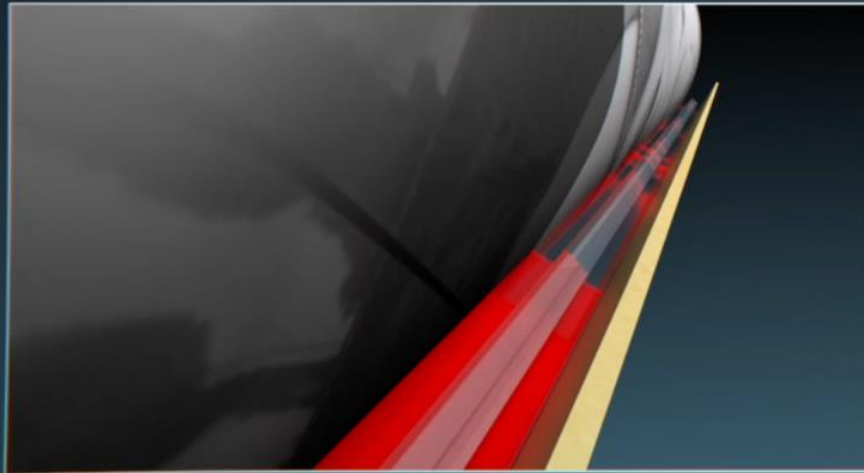


# XEIKON IMAGING TECHNOLOGY



**LDA**  
(led array module,  
*water cooled*)

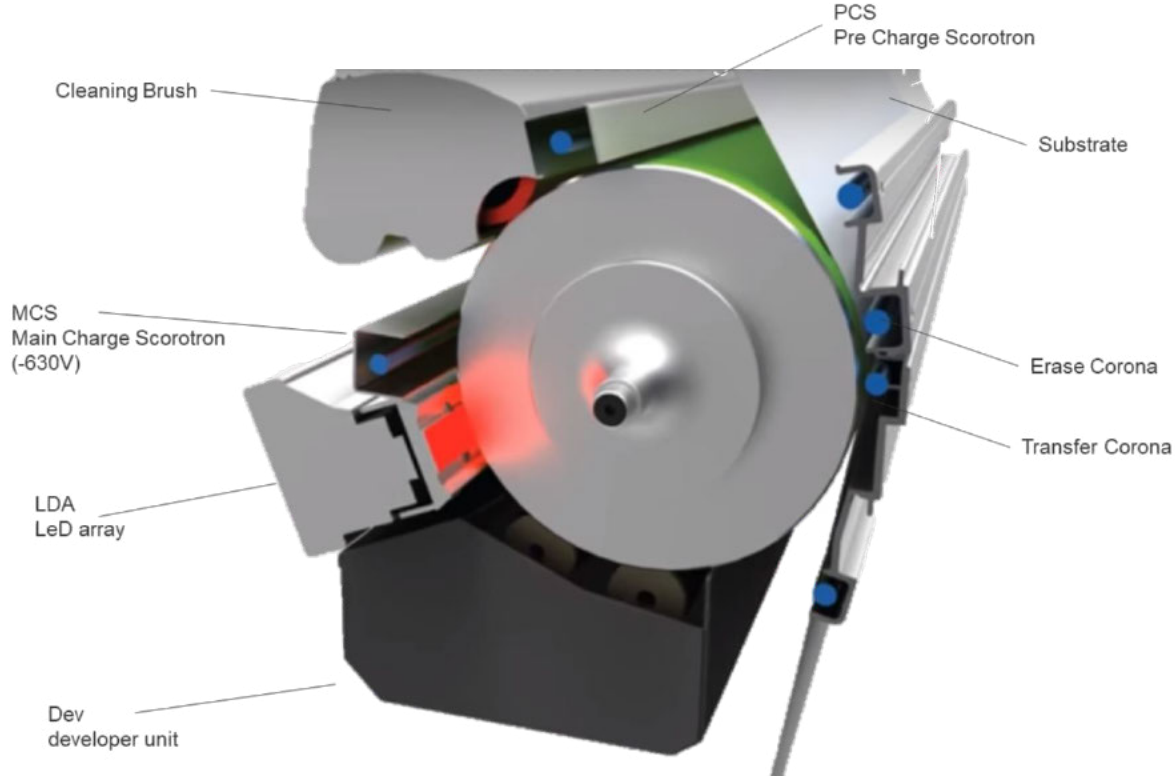
LDA writing latent image on OPC drum  
Full rotary – no repeat length or frame size



## TRUE 1200dpi resolution

- 1200 dpi, 4bps native resolution
- 1200 x 3600 addressability
- 1200 LEDs per inch on LDA with 9 grey levels each / 21µm dot size

# XEIKON IMAGING TECHNOLOGY



Xeikon 3500 wall decoration press

workflow software

dry toners

substrates

pre and post equipment

direct. dedicated. digital.

# THE EP PRINTING PROCESS

## STEP 1: CHARGING

The surface of the OPC drum is charged to a uniform negative potential.

## STEP 2: EXPOSURE

The image to be printed is formed by the print head, transmitting light to the drum's surface in those areas where the image should be, leaving the areas where the substrate should remain empty unexposed. In areas where the drum is exposed to light, the organic photo conductor layer becomes conductive. As a result, a latent electrostatic image is formed.

## STEP 3: DEVELOPMENT

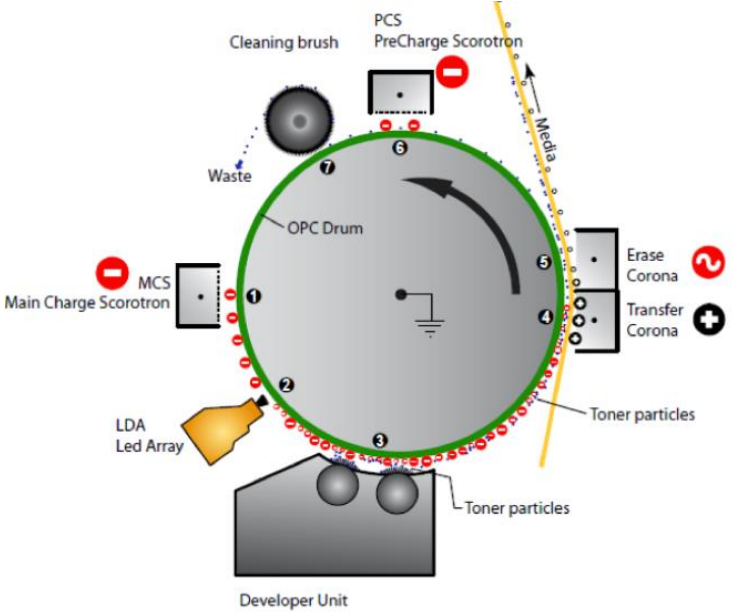
In the developer unit, the latent electrostatic image formed in step 2 is "developed" by depositing toner particles of the appropriate color onto the drum. The developer unit contains the developer, a mixture of toner and magnetic carrier particles (see page 8). By stirring this mixture, the toner and carrier become electrically charged. The developer is attracted to a magnetic roller, forming a magnetic brush that is in contact with the OPC drum. The more the drum has been exposed to light, the more toner will jump to the drum. Unlike the toner, the carrier remains in the developer unit. The toner is replenished by means of the automatic toner dosing system.

## STEP 4: IMAGE TRANSFER

The developed image formed by the toner particles on the drum is transferred to the substrate passing the drum.

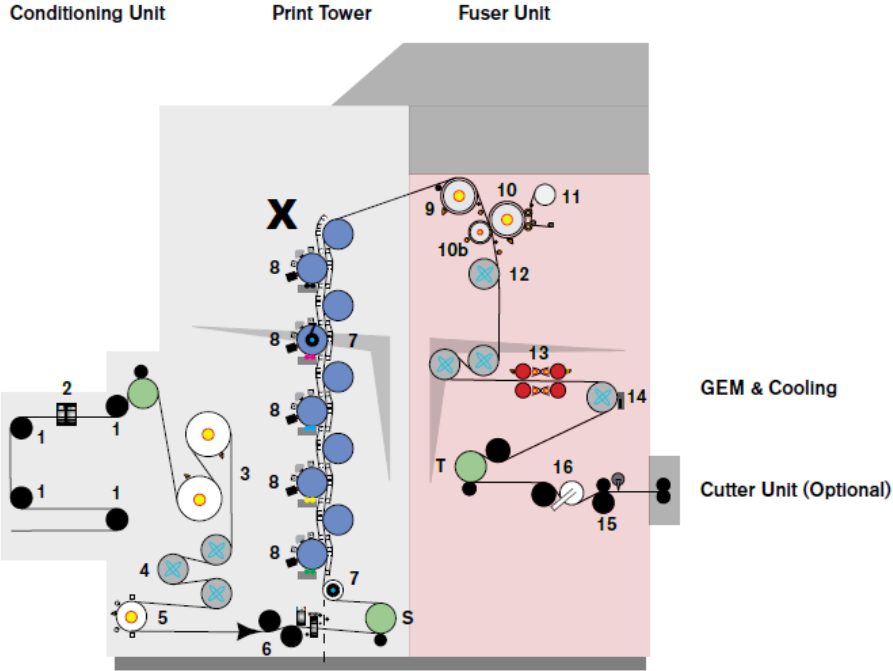
## STEP 5, 6 AND 7: CLEANING

Several cleaning steps ensure that any remaining toner is removed, so the next image to be printed is not contaminated. The cleaning brush removes any remaining toner particles and directs them to the waste box.



# XEIKON PRESS TECHNOLOGY

SIMPLEX



Xeikon 3500 wall decoration press

workflow software

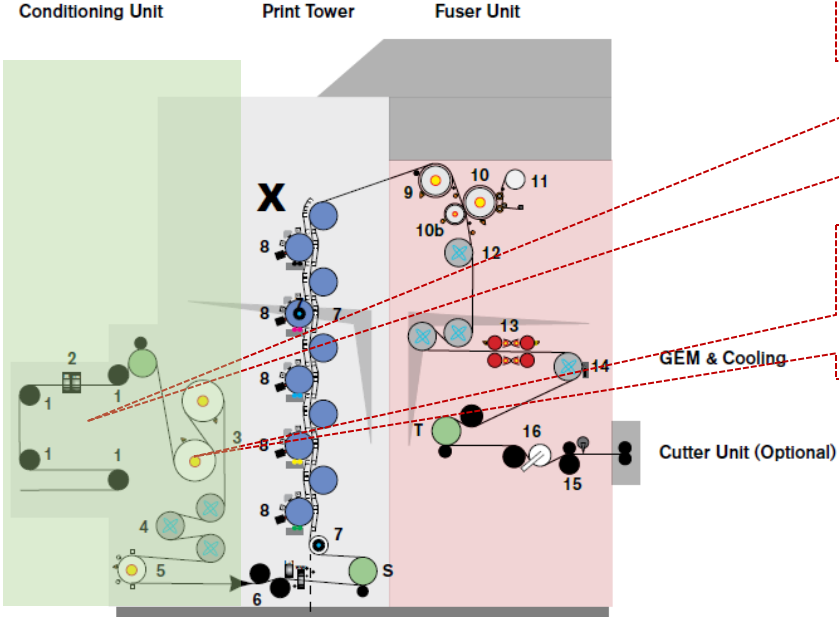
dry toners

substrates

pre and post equipment

direct. dedicated. digital.

# CONDITIONING UNIT



The Active Aligner consists of a set of rollers (1) and an IR sensor detecting the edge of the substrate (2) to maintain proper lateral web alignment throughout the entire print run.

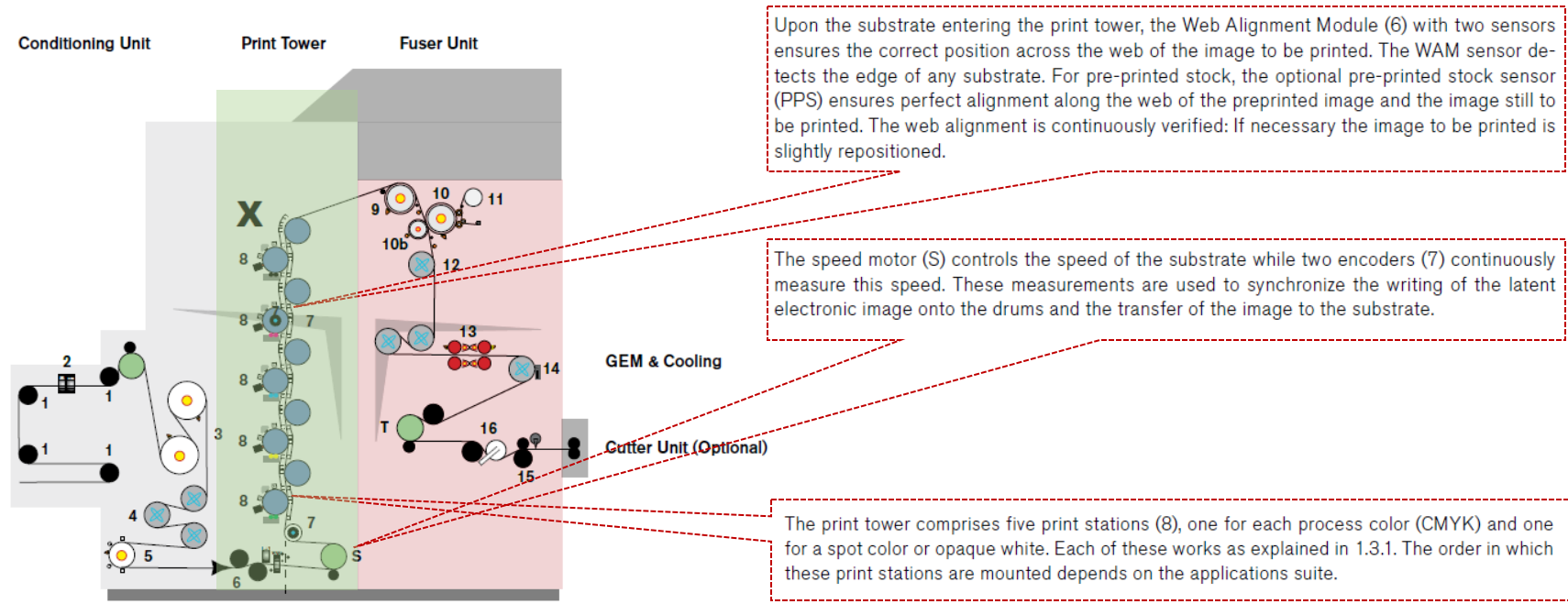
The conditioning rollers (3) heat the substrate to extract any excess moisture. A further set of cooling rollers (4) brings the substrate back to room temperature. The conductivity of the substrate is measured (5) and if necessary, the temperatures for the heating (3) and cooling (4) steps are adjusted. Important: These components (3, 4, and 5) are only activated when printing on pulp-based facestock. When printing on synthetic facestock they are always deactivated.

GEM & Cooling

Cutter Unit (Optional)

# PRINT TOWER

## SIMPLEX





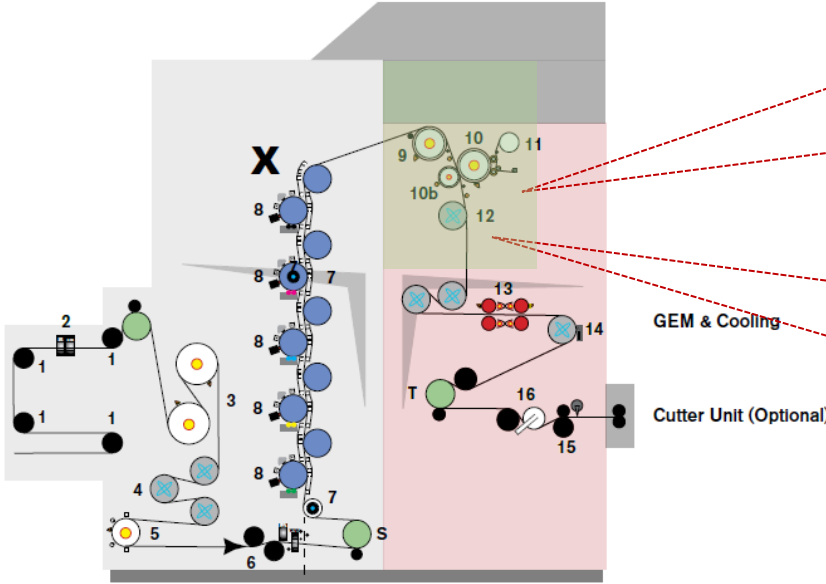
# FUSER UNIT

## SIMPLEX

Conditioning Unit

Print Tower

Fuser Unit



All the presses in the 3000 Series as well as the Xeiikon CX3 use contact fusing technology to fix the toner to the substrate. The fuser unit consists of a pre-fix roller (9), a fuser drum (10), a pressure roller (10b) and a cleaning web (11). The pre-fix roller brings the back of the substrate to a certain temperature, typically between 70 and 90°C (approx. 90°C when using QA-I toner and 82°C when using ICE or Cheetah toner), which is much lower than the actual fusing temperature, which can be up to approximately 140°C (approx. 137°C when using QA-I toner and 120°C when using ICE or Cheetah toner). The cleaning web applies a fine layer of cleaning emulsion onto the fuser drum to prevent any toner sticking to it. This also helps to increase the lifespan of the fuser drum.

When fusing, the fuser drum and the back roller make contact, forming a nip. The fusing temperature, the applied pressure and the dimension of the nip are critical process parameters determining the quality of the fusing.

Throughout the fusing process, several sensors monitor the fusing temperature which can be adjusted by the operator if necessary. A series of cooling rollers (12) at the end of the fuser unit and at the entry of the GEM bring the substrate back to room temperature.

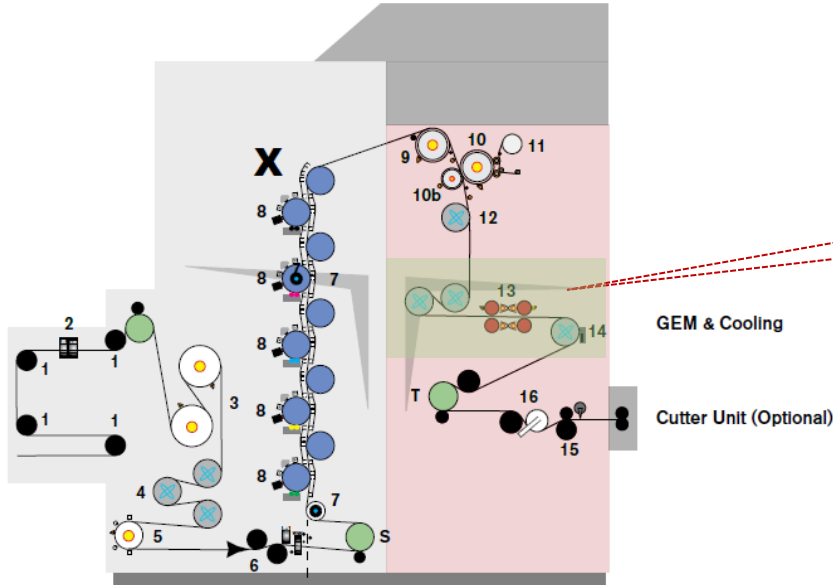
# GEM AND COOLING UNIT

## SIMPLEX

Conditioning Unit

Print Tower

Fuser Unit



The GEM or Gloss Enhancement Module (13) is only available on presses in the Xeikon 3000 Series and can be used to calender the printed surface of the substrate. The toner layer is heated again to a specific temperature to provide a glossy finish.

A spectrophotometer (14) is mounted on the cooling roller at the end of this unit to measure the toner density and the register. This cooling roller is black, but can be replaced by a white one when printing on transparent/semi-transparent substrates.

GEM & Cooling

Cutter Unit (Optional)

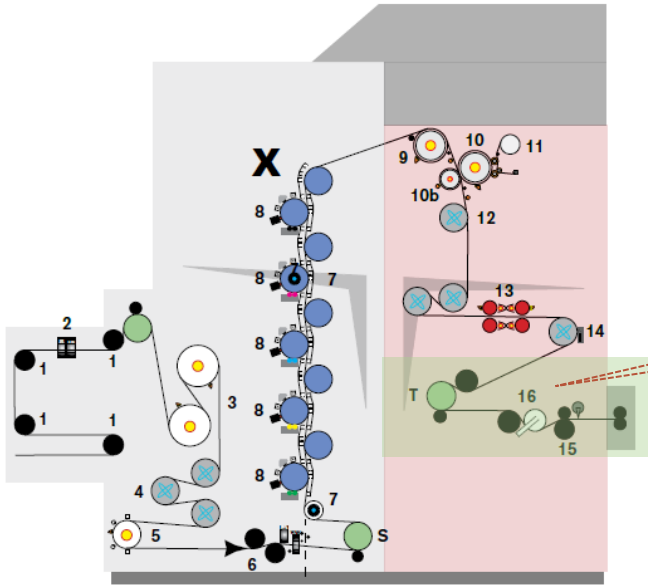
# CUTTER UNIT

## SIMPLEX

Conditioning Unit

Print Tower

Fuser Unit



The torque roll (T) controls the web tension of the substrate, which has a significant impact on the print quality.

The cutter (15) slices the substrate. When the substrate is being sliced, the web is momentarily fixed/stopped. The balance roll (16) pulls the substrate down, creating a buffer so that the print run continues undisturbed.

The two rollers at the end of this unit are motor-driven, pulling the substrate out of the press and guiding it into the stacker, onto a table or to the finishing unit.

GEM & Cooling

Cutter Unit (Optional)

# X-800 WORKFLOW

- ◆ User friendly press operation
- ◆ Extensive prepress functionalities
- ◆ Advanced color management
- ◆ Seamless integration and connectivity with 3rd party workflows, MIS, W2P
- ◆ Automated 'poster layout' function for murals



Xeikon 3500 wall  
decoration press

workflow software

dry toners

substrates

pre and post  
equipment

direct. dedicated. digital.

# APPLICATION TUNED TONER

- ◆ In-house developed and produced in Belgium
- ◆ Eco-friendly / Safe to dispose of
- ◆ Odorless / no VOC
- ◆ EN 15102\* compliant
- ◆ High light fastness (6-8 on Blue Wool Scale)
- ◆ Colors:
  - CMYK + white
  - Off the shelf color (spot or gamut extension)
  - Orange, Red, Blue, Green, E. magenta, Clear

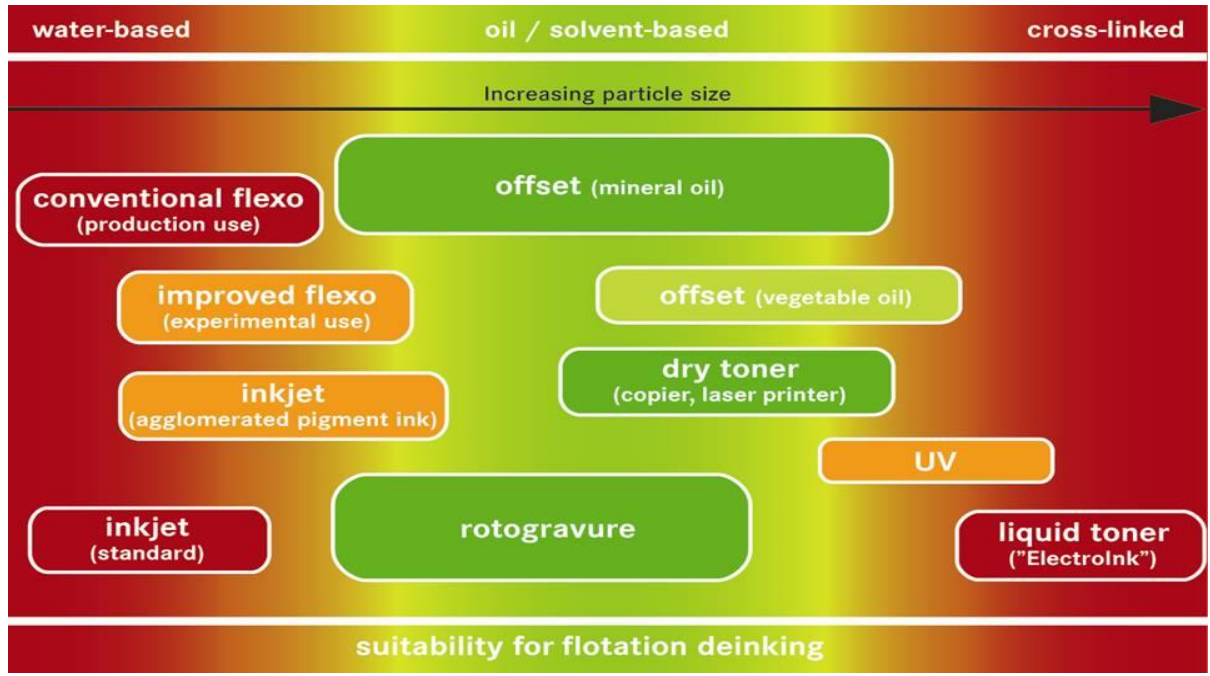


# ADVANTAGES OF DRY TONER

- ◆ Safe
- ◆ Dry/waterless
- ◆ Easy handling and cleaning
- ◆ No solvents
- ◆ No evaporation
- ◆ No dangerous chemicals
- ◆ Perfect for paper recycling
- ◆ Food compliant
- ◆ Physical adhesion process
- ◆ No drying, no ink penetration (low grammage!)
- ◆ No wrinkling
- ◆ Easy processing & finishing
- ◆ Very stable and reliable technology
- ◆ High quality 21µm dots
- ◆ High opaque white
- ◆ Large substrate compatibility
- ◆ Lightfastness



# DEINKABILITY: XEIKON DRY TONERS ARE OK!



Recyclable without any additional cost for:

- The paper plants
- The printer/PSP (separate waste stream)
- The paper substrate
- The toner system
- The printing engine

# AVAILABLE CERTIFICATES

BLUE WOOL SCALE RATING OF PIGMENTS USED IN XEIKON TONER			
PROCESS COLORS	V3	FA, QA-P and QA-CD	QA-I, ICE and Cheetah
C	7-8	7-8	7-8
M	4	5-6	6-7
Y	6-7	6-7	6-7
K	8	8	8
OFF-THE-SHELF SPOT COLORS		FA spot color	QA spot color
Blue		4	4
Green		7-8	7-8
Red		4	7-8
Orange		6-7	6-7
ExtraMagenta		6-7	6-7
CREATIVE COLORS		FA spot color	QA spot color
MatteSilver			6-7
PalladiumSilver			6-7

INDICATIVE EXPLANATION OF BLUE WOOL SCALE VALUES			
Blue Wool Scale rating	Time in the test chamber	Equivalent to outdoor summer sunlight	Equivalent to outdoor winter sunlight
3	5 hours	4-8 days	2-4 weeks
4	10 hours	2-3 weeks	2-3 months
5	20 hours	3-5 weeks	4-5 months
6	40 hours	6-8 weeks	5-6 months
7	80 hours	3-4 months	7-9 months
8	160 hours	>18 months	-

Exceptional Lightfastness	Lightfastness
Food Approved and Odorless	FDA
	ISEGA
	EuPIA
	General green list
	CPSIA
	Swiss list - Nestlé
Guaranteed Recyclability	Declaration of deinking
	Swan Ecolabel
Safe for Toys and Clothing	REACH
	SVHC
	EuPIA
	Toys (EN71-3)
	RoHS
	Heavy metals
	Halogens
	California Prop 65
	CPSIA
Lifelong Legibility	ANSI/UL 969

\* All statements are available on request. Just send an email to [regulatory.affairs@xeikon.com](mailto:regulatory.affairs@xeikon.com).





# EXCELLENT LIGHT FASTNESS

## Score for Xeiikon toners

Color	V3	FA/QA-P /QA-CD	QA-I/QA-IC /QA-CH	QB-I/QB-IC /QB-CH
Cyan	7-8	7-8	7-8	7-8
Magenta	4	5-6	6-7	6-7
Yellow	6-7	6-7	6-7	6-7
Black	8	8	8	8



Indoor  
display

## Evaluation

	Blue Wool Scale Rating	Direct exposure		Normal conditions of display
		Summer	Winter	
Very poor lightfastness	1			Less than 2 years
Poor lightfastness	2			2-15 years
	3	4-8 days	2-4 weeks	
Fair lightfastness	4	2-3 weeks	2-3 months	15-50 years
	5	3-5 weeks	4-5 months	
Very good lightfastness	6	6-8 weeks	5-6 months	50-100 years
Excellent lightfastness	7	3-4 months	7-9 months	Over 100 years
	8	Over 1.5 years		

# SUBSTRATES

- ◆ Wide variety of substrates, no pretreatment required
- ◆ Qualified substrates on the website have been tested for good printability
- ◆ [printmedia.xeikon.com](http://printmedia.xeikon.com)
- ◆ Increased scratch resistance: WVM



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 LAHPAPER



 **Felix Schoeller Group**  
Best Performing Papers. Worldwide.

 **AHLSTROM  
MUNKSJÖ**



Xeikon 3500 wall  
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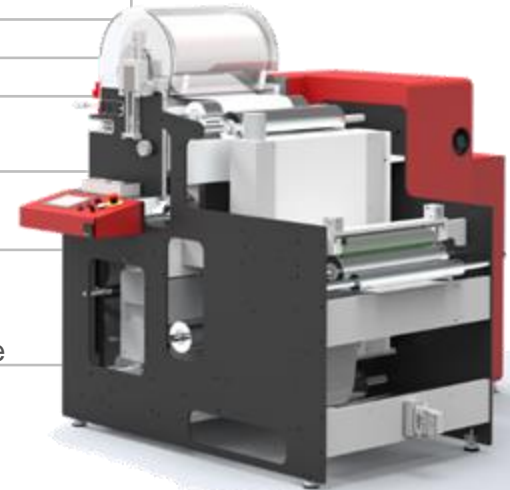
# PRE AND POST EQUIPMENT

- ◆ inline finishing equipment made to work specifically with our wallpaper production Suite
  - Jumbo unwinder (PMS)
  - Web cleaning unit (contact / non-contact)
  - Rehumidication unit (Weko)
  - Web varnishing module (WVM, AQ/UV) with integrated slitting
  - Wall paper medium rewinder (WRM) with integrated rotary cut
- ◆ Xeikon equipment and partner equipment: 1 point of contact
- ◆ Solution and Premium Services Team



# WEB VARNISHING MODULE (WVM)

Technical specifications	WVM - UV	WVM - AQ
Web width	200 mm - 516 mm (7.9" - 20.3")	
Application	Single side coating (X-side of Xeikon press)	
Substrate thickness	40 μ - 550 μ	
Speed	Matches Xeikon Press speed (Xeikon X000 Series)	
Roll diameter	support rollers Ø 120 mm (3.5")	
Varnishing station		
Varnish pump	Standard	
Flexo station	Flood varnish, 3 roller flexo concept	
Print roller	standard Ø 97,2 mm (3.83") width 510 mm (20.08") SH40 other widths available on request	
Anilox roller	standard 120 l/cm - 10 cm <sup>3</sup> /m <sup>2</sup> (47.2 LPi - 6.4 BCM) other available on request	
Curing station	UV Curing air-cooled adjustable intensity (15 - 100%) 6 kW - max. 120 W/cm (47.2 W/inch)	Hot Air dryer 11.8 kW - 140 m <sup>3</sup> /hr Adjustable temperature



# SLITTING AND WASTE EVAC

## SLITTING

- ◆ Maxcess® Tidland knives
- ◆ Rotary shear slitting
- ◆ Cant angle  $\frac{1}{2}^{\circ}$

## WASTE REMOVAL

- ◆ GR80K
- ◆ Shredder with built-in waste removal unit and waste bag system
- ◆ Reduce it to approx. 5-10% of the original volume



# WALLPAPER MEDIUM REWINDER (WMR)

## Technical specifications

Web width	200mm - 520mm (7.87" - 20.47")
Substrate type	Wallpaper (woven / non-woven)
Substrate thickness	100μ - 300μ (3.94mil - 11.81mil)
Speed	up to 30m/min
Cross cut	rotary (barcode driven)
Output	
delivery	coreless rolls
diameter of finished rolls	40mm - 150mm (1.57" - 5.9")
wallpaper roll length	7m - 20m (9.84ft - 65.61ft)
bin capacity	8-10 rolls depending roll diameter. (can be connected with conveyor system for further integration with packaging)

## Options

WVM (Web Varnishing Module)	a cost effective and compact way to apply a coating in-line with the press
Side edge trimming knives	with shear knives, optimized for wallpaper applications
side edge trimming width	440-500mm
Side edge waste removal	for those environments where no central waste disposal system is available

## Technical info

Power requirements	3x 400V+N+PE, 16A
Air Supply	6 Bar 20l/min dry, water and oil free air
length	1875mm (including sidetrim knives and bin)
width	1881 mm
height	1447 mm



## Benefits Recap

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Wallpaper production  
suite

## WALL DECO FEATURES



### Digital printing

- No setup, make ready time/costs
- Variable design printing
- Short delivery timing (JIT)
- Zero inventory
- No obsolescence



### EP technology

- Stable mature process
- Dry process
- No pretreatment necessary
- No drying capacity necessary



### Image quality 1200dpi / 4bps

- Offset printing quality
- Fine line work
- No printing artifacts



### Color capability 5/5 or 5/0

- Extend color gamut
- Spot color
- Special effects (UV, fluo, white)
- High light fastness



### Continuous feed /full rotary

- No repeat length



### Single pass duplex™

- High productivity
- No speed hit on number of colors
- No speed hit on resolution

## WALL DECO ADVANTAGES

- Cost efficient production of short to medium runs
- Cost efficient production of trails, startup and sample books
- Avoid cost for stock and obsolescence
- Production and planning flexibility
- Offer personalisation in walldeco
- Faster response time
- Offer latest trends

- High uptime
- Full productivity
- Printing on wide variety substrates
- Safe for operator, end user, environment
- Tuned for application and press

- Highest digital quality available on the market
- Match and exceed conventional printing qualities
- No loss of printed materials because of inferior quality

- Offer wide variety of designs and styles
- Ensure color matching with existing technology/applications
- Offer true simulations for startup collections
- Offer brand colors or customer colors
- Offer durable product for interior use

- Print endless images and murals as well as repeat designs

- Benefit of full press speed regardless of image content and quality

**XEIKON**  
roll printing, various rolls



## WALL DECO FEATURES

X-800

Automation

- MIS, ERP, W2P compatibility
- color management
- tiling
- inline spectrophotometers

Keikon Aura

Industry partners

- Qualified & certified media list
- Finishing integration & consulting

Keikon Aura  
Finance

Financial solutions

- Competitive all-in operational leasing solutions
- Saving the burden of one-time significant cash payment



Substrate flexibility

- Print leading non-wovens on the market
- No pre-treatment, drying time, see-through effect
- wide variety of non-wovens



Eco-friendly

- Dry toner production in 100% green energy plant
- No VOC
- Odorless
- Deinkability



Speed

- Up to 30m/min

## WALL DECO BENEFITS

- Easy integration with existing workflow and tools for streamlined production and logistics workflow
- Output repeatability across devices (color mgt)
- No extra file manipulation for production

- 1 partner for complete implementation of the production solution
- Access to best in breed solutions without effort
- Staying up to date on latest sector developments
- Fast finishing and converting
- Piece of mind

- Helps a business to maintain a steady cash-flow profile
- Access to high quality equipment
- Better use of capital
- Off-balance sheet debt (company value!)
- Low capex for startups
- No risk of 'old' equipment, protected investment
- Bundle

- No extra costs/complexity for specific substrate or coating
- Ease access to a network of paper mills
- Select matching substrate cost for application/target audience
- Scriptfiles from all leading non-woven vendors
- Supplier independence
- Plug&play
- Printing on wide range of grammages 40gsm-350gsm

- Regulatory compliance without extra effort such as EN15102
- Applicability in all environments, even the most critical ones
- Wide market reach for selling the product

- Scalable production
- Increase run length and extend digital capacity
- Fast response time
- Fastest proven digital solution on the market
- No environmental impact

# XEIKON



 **UNIQUE INTEGRATED AND AUTOMATED SOLUTION**

 **SUPERIOR PRINT QUALITY**

 **HIGHEST PRODUCTIVITY IN DIGITAL PRODUCTION**

 **LOWEST CONSUMABLE COST AND TCO IN DIGITAL PRODUCTION**

 **SUPERIOR SUSTAINABILITY PERFORMANCE**

 **LOWEST SUBSTRATE COST IN DIGITAL NON-WOVEN**

## DID YOU KNOW?

Xeikon is the best solution on the market for professional and profitable production of high quality wallcoverings and murals.

Adopting Xeikon technology will result in:

- ⇒ faster time to market
- ⇒ produce higher volumes in less production time
- ⇒ higher profit margins



direct. dedicated. digital.

**XEIKON**

## DID YOU KNOW?

Our Xeikon waldeco production lines offer superior sustainability performance.

Many press vendors talk a lot about environmental impact, eco-responsible production, carbon footprint and health&safety.

Xeikon dry toner is the safest, cleanest print technology on the planet for wallcoverings.

Taking care of your customers, your staff and the environment has never been easier.



**XEIKON**

## DID YOU KNOW?

Xeikon waldeco production lines offer the highest productivity in digital production of wallcoverings?

1200dpi single pass, 5 colors: printed, varnished, slit and rewound to finished, coreless rolls.  
Ready to be boxed.

It's all in-line. And at 936m<sup>2</sup>/h.

2FAST4U ? Don't worry.  
We have slower versions too.



# Business Opportunities

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Wallpaper production  
suite

# CUSTOMER CHALLENGES

## Customer's mission

- Produce shorter runs cost-effectively
- Offer customization and individualization
- Always be on trend
- Ensure short delivery timing

## The challenges

- Set-up and make-ready costs
- Inventory risks and costs
- Turnaround times
- Product finishing
- Substrate versatility : offer different substrates

## XEIKON solution

- Highest quality: 1200dpi, 5 colors
- Unbeatable productivity: up to 900m<sup>2</sup>/h
- Optimized workflow for digital printing
- Print on a wide range of non-wovens without pretreatment
- Print, varnish, trim, rewind in 1 pass
- Odorless, no VOCs, EN 15102 compliant, eco-friendly and safe

# BUSINESS OPPORTUNITIES

1. Short-run printing for EOL collections/Trials/Start up collections
  - lifetime of a collection is approx. 2 years
  - startup is high risk/cost
  - short run is typically 300 rolls of roughly 10 m per roll
2. Printing for sample books: typical short run
3. Photo-murals: customized or ultra-short run wallcoverings



# XEIKON TAKES YOU THERE

- ◆ Produce **shorter runs cost-effectively**: faster turnaround times
- ◆ Benefit from **minimal set-up and make-ready** costs: print to order, print on demand
- ◆ **Eliminate inventory risks and costs**: give end-of-life collections a new lease of life, create trial & startup collections
- ◆ Make **no compromise in quality**: make production flexibility profitable with 1200 dpi printing quality
- ◆ Offer **customization/individualization**
- ◆ Always be **on trend**
- ◆ **Meet environmental legislation**: thanks to dry toner and many other aspects of our Suite

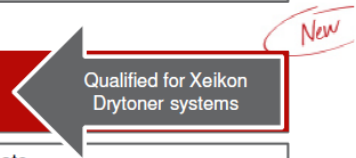




# XEIKON'S: THE ONLY CHOICE IN DIGITAL WALLPAPER

## OVERVIEW ADVANTAGES & DISADVANTAGES

		+	-
Inkjet Largeformat	Water-based	<ul style="list-style-type: none"> <li>Large installed base</li> <li>Small investment</li> <li>Well-known technology</li> </ul>	<ul style="list-style-type: none"> <li>Poor water resistance</li> <li>Low production speed</li> </ul>
	Solvent	<ul style="list-style-type: none"> <li>Water and smudge resistant print outs</li> <li>Prints on many different surfaces</li> </ul>	<ul style="list-style-type: none"> <li>Solvent smell</li> <li>Environmental burden</li> <li>Mid production speed</li> </ul>
	Latex	<ul style="list-style-type: none"> <li>Reasonable investment</li> <li>Water and smudge resistant print outs</li> <li>Free of solvents</li> </ul>	<ul style="list-style-type: none"> <li>Mid production speed</li> </ul>
	UV	<ul style="list-style-type: none"> <li>Prints on many substrates</li> </ul>	<ul style="list-style-type: none"> <li>Not free of critical ingredients</li> <li>High investment</li> </ul>
EP	<b>Roll fed</b>	<ul style="list-style-type: none"> <li>Endless prints with 50 cm width possible</li> <li>High productivity</li> <li>Excellent print result</li> </ul>	<ul style="list-style-type: none"> <li>Investment needed</li> </ul>
	Sheet fed	<ul style="list-style-type: none"> <li>Well-known technology</li> <li>Good quality</li> </ul>	<ul style="list-style-type: none"> <li>Restricted print formats</li> <li>Designs to be puzzled</li> <li>High investment</li> </ul>



# RECAP: 5 REASONS TO CHOOSE XEIKON

- ① **eco-friendly and safe:** odourless, complies with EN 15102
- ② **perfectly finished rolls:** all-in-one solution to print & finish your wall decoration in one go
- ③ **print on a wide range of substrates:** no pretreatment needed
- ④ **unbeatable productivity:** up to 900 m<sup>2</sup> per hour
- ⑤ **ideal for custom, short-run orders:** enjoy optimal production flexibility



# Digital wallpaper categories

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Wallpaper production  
suite

# PHOTOMURAL

**XEIKON**



direct. dedicated. digital.

# PHOTOMURAL

**XEIKON**



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# PHOTOMURAL – POS B2B RETAIL STORE

**XEIKON**



Uppdragsgivare: PixMill. Kund: MQ. Motiv: Frankenstein. Plats: MQ Sturegallerian i Stockholm - Butiker i hela Sverige. Foto: YW

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# PHOTOMURAL – POS B2B RETAIL STORE

**XEIKON**



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# PHOTOMURAL – POS B2B RETAIL STORE

**XEIKON**



Client: Waynes Coffee. Motif: Almén:Gest Design. Location: Waynes Coffee Nordic. Photo: Kosunen



# REPEATING FREE FLOW



# TRADITIONAL WALLPAPER REPEATS



# WALL BORDERS





# WALL BORDERS





**XEIKON**

**THANKS**  
for your time, we appreciate it.

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[www.xeikon.com](http://www.xeikon.com)

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