

# XEIKON

## FACT SHEET

### WALLDECO DISCOVERY SOLUTION

Unmatched digital productivity at the lowest TCO cost per m<sup>2</sup>

To develop new business, it's important to develop a value proposition which addresses quality, service, delivery and competitive pricing. Digital production provides a broad range of new possibilities, new benefits which drive to profit. Xeikon's Walldeco Discovery solution is the cornerstone of your profitable printing business delivering unique benefits.

- Fully integrated solution: from jumbo roll to finished wallpaper roll
- Superior print quality, 1200 dpi with variable dot density
- High productivity of 10 m/min or 31.5 ft/min, upgradeable to 20m/min or 63ft/min
- Substrate widths up to 512 mm or 20,15 inches
- Full rotary printing, variable repeat
- Eco friendly, EN15102 compliant
- Versatile workflow, digital front-end
- Prints on standard non-wovens, no pre-treatment required
- Lowest TCO on the market



# Profitable and sustainable business with Xeikon

## For professional wallcovering production

### SOLUTION OVERVIEW

- PROFITABLE FOR SHORT/MEDIUM-RUNS**  
 No setup cost, limited waste, full rotary wide-web (508mm/20") printing
- OFFSET PRINTING QUALITY**  
 True 1200dpi 4bps, with up to 240lpi  
 5 color single pass duplex printing
- SUBSTRATE VERSATILITY**  
 No pretreatment, special coatings or drying, automated quality control
- HIGH PRODUCTIVITY**  
 Fully finished product exiting at 10m/min or 31.5ft/min equaling 300m<sup>2</sup>/h or 3.230ft<sup>2</sup>/h, field upgradeable

**PMS Large**  
large capacity unwinder

**Xeikon X3050**  
Industrial digital press

**X-800 Digital Front End**  
Prepress, workflow, production control



**QB-I dry-toner technology**  
CMYK & spot colors

**Slitting and waste evacuation**  
extreme precision and consistent performance

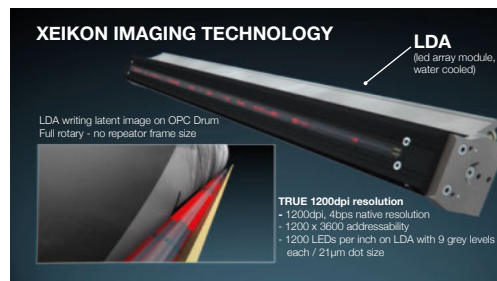
**Wallpaper rewriter**  
perfectly finished coreless rolls



**Minimal waste & job setup time**  
Correct and consistent colors 100% variable print in full color and B&W

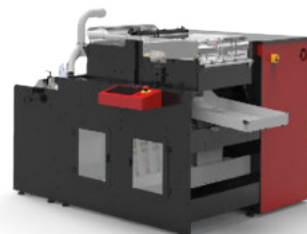
### TECHNOLOGY HIGHLIGHTS

#### LED ARRAY BASED IMAGING



XEIKON LED arrays contain more than 20,000 LEDs. Each LED is individually addressable and its light intensity can be modulated to achieve different grey levels. The size of the light spot generated by each LED is 21 µm, resulting in a resolution of 1200 dpi (dots per inch).

#### INLINE REWINDING OF FINISHED ROLLS



Our rewinding unit with slitting assembly and connection to waste evacuation has been developed in cooperation with leading conventional wallpaper producers. All this with reliability, serviceability and user friendliness in mind.

#### STATE OF THE ART - ECO-FRIENDLY TONER



Xeikon print technology is a dry process



Xeikon printed products are deinkable and recyclable



Xeikon dry toner contains no harmful substances



Xeikon toner production plant runs on 100% green energy



Xeikon presses have moderate power consumption



Xeikon toners are compliant with a host of industry regulations

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