

# XPose! SecureLine

Built for Maximum Precision



BASED ON INNOVATION.

**luscher**  
Technologies

# Built for Maximum Precision

## EXPERIENCE COUNTS

MORE THAN 60 YEARS OF EXPERIENCE IN MACHINE CONSTRUCTION AND IN THE GRAPHIC ARTS INDUSTRY HAVE BEEN BROUGHT INTO THE DESIGN OF XPOSE! SECURE<sup>LINE</sup>. AS A RESULT OF DECADES OF SUCCESSFUL PARTNERSHIPS WITH THE WORLD'S LEADING SECURITY PRINTERS SUCH AS KBA-NOTASYS SA, XPOSE! SECURE<sup>LINE</sup> BY LÜSCHER TECHNOLOGIES AG HAS BECOME THE STANDARD PREPRESS EQUIPMENT IN THIS PARTICULAR MARKET.

### Leading System in Security Printing

With optical resolutions of 5080 dpi for the Secure model and 8000 dpi for the Secure<sup>Plus</sup> model (9600 dpi as an option), XPose! Secure<sup>Line</sup> meets the highest requirements in security printing. Whether microtexts, complex guilloche patterns or any other security features have to be imaged: XPose! Secure<sup>Line</sup> complies with the most stringent security requirements.

### Benchmark in Banknote Printing

Imaging systems for banknote printing with a resolution of 10'160 dpi are exclusively distributed by KBA-NotaSys SA, who has been serving the banknote printing market under its own name and its own machine design as exclusive CToP partner for Lüscher CtP systems. This cooperative mutual partnership was first established in 1995.





# For High Security Documents

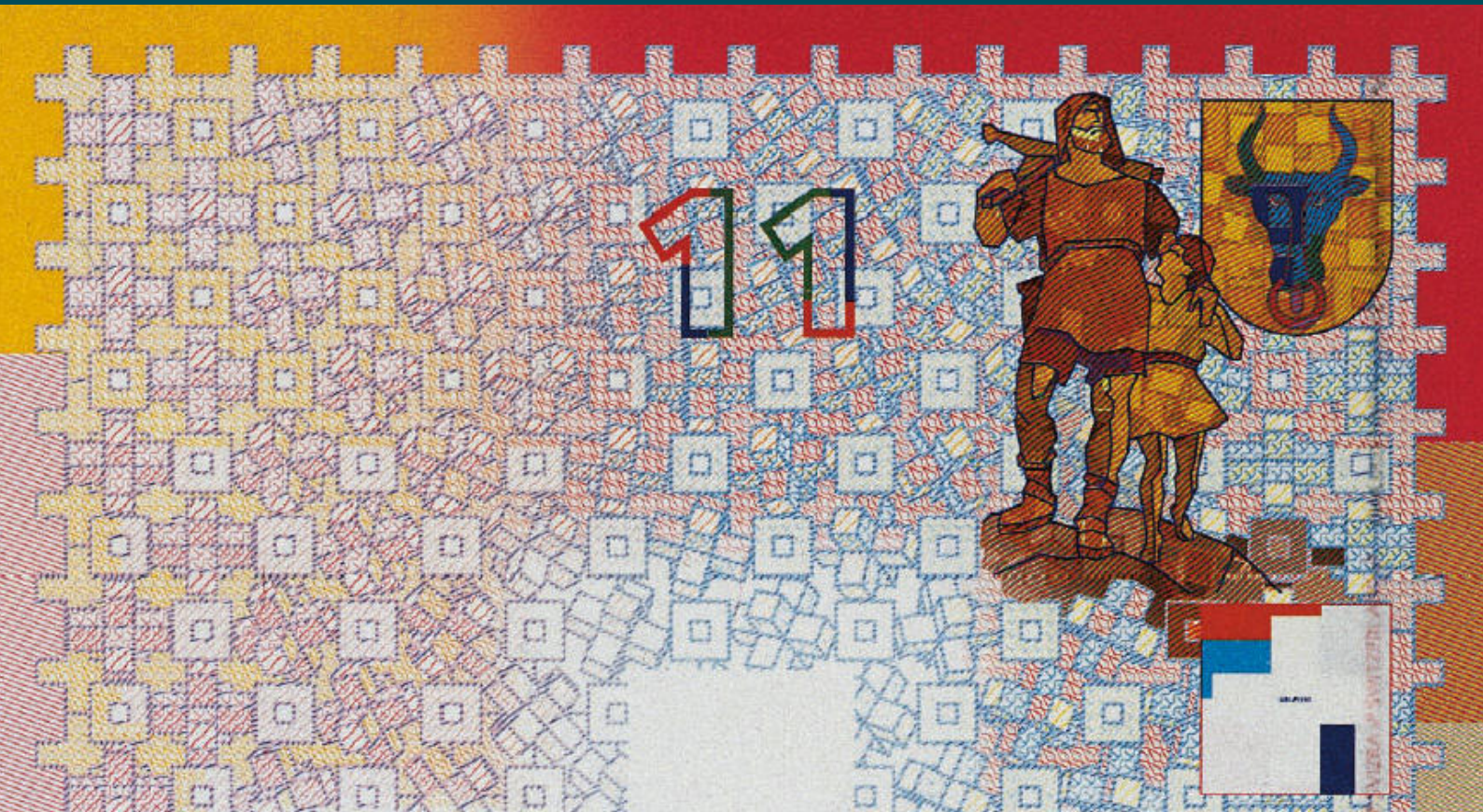
STANDARD RESOLUTION OF 5080 DPI (SECURE)

STANDARD RESOLUTION OF 8000 DPI (SECURE<sup>PLUS</sup>) WITH OPTION 9600 DPI

HYBRID MODELS AVAILABLE

CUSTOM-BUILT REGISTERING SYSTEMS

SMALLEST ADDRESSABLE PIXEL SIZE OF 0.00264 MM AT 9600 DPI



### Also Available as Hybrid System

Any model of the XPose! Secure<sup>Line</sup> can also be configured as a hybrid system upon special request. XPose! T-Flex, for instance, is the hybrid version used to process thermal offset and letterpress plates. And XPose! UV-Flex is the hybrid unit to process conventional UV and letterpress plates as well as rotary screens, such as Screeny<sup>®</sup> by Gallus, TecScreen<sup>®</sup> by Kocher + Beck or RotaPlate<sup>®</sup> by Storck.

### Fully Automatic and Continuous Calibration

XPose! Secure and XPose! Secure<sup>Plus</sup> both include the unique Continuous Calibration Technology (CCT). During the exposure, the performance of every laser is monitored and automatically adjusted if necessary. Costly incorrect exposures can be eliminated thereby.

### Custom-built Registering System

Upon special request, Lüscher can integrate any manual or pneumatic registering system. This guarantees highest positioning accuracy of the image on the printing plate. As a result, the set-up time in the printing system is substantially reduced, which leads to significant savings in terms of material and cost.

## Technical Specifications

|                         | 330 UV Secure <sup>Line</sup>   |                        | 330 TH Secure <sup>Line</sup> |                        |
|-------------------------|---|------------------------|-------------------------------|------------------------|
| Laser type              | 405 nm  |                        | TH 830 nm or TH 940 nm        |                        |
| Model                   | Secure  | Secure <sup>Plus</sup> | Secure                        | Secure <sup>Plus</sup> |
| Resolution              | 5080 dpi  | 8000 / 9600 dpi        | 5080 dpi                      | 8000 / 9600 dpi        |
| Number lasers           | 16, 32, 48, 64, 80, or 96   | 16, 32                 | 16, 32, 48, 56 or 64          | 16, 32                 |
| Maximum plate size      | Offset and Letterpress 1130 x 950 mm (44.48 x 37.40 inch) / Flexo 950 x 950 mm (37.40 x 37.40 inch)                                 |                        |                               |                        |
| Maximum plate thickness | Offset 0.2 – 0.4 mm (0.0078 – 0.0157 inch) / Letterpress 0.42 – 2.3 mm (0.01 – 0.09 inch) / Flexo 0.76 – 6.35 mm (0.76 – 0.25 inch) |                        |                               |                        |
| Dimensions (L X W X H)  | 2908 x 1367 x 1627 mm (114.5 x 53.8 x 64.1 inch)  |                        |                               |                        |
| Power Consumption       | 2 kW  |                        |                               |                        |
| Weight                  | 1900 kgs (4189 lbs)   |                        |                               |                        |
| Power supply            | 3 x 400 V + N + PE, 50 – 60 Hz, 32 A  |                        |                               |                        |
| Air supply              | 6 – 10 bar, 300 l/min (66 gal./min)   |                        |                               |                        |
| Ambient conditions      | 50 – 65% humidity at 18 - 25 °C   |                        |                               |                        |




**330 UV-Flex Secure**

Line830 nm

**330 UV-Flex Secure**

Line940 nm

**330 T-Flex SecureLine**

405 nm / TH 830 nm

405 nm / TH 940 nm

TH 830 nm / TH 940 nm

Secure

 Secure<sup>Plus</sup>

Secure

 Secure<sup>Plus</sup>

Secure

 Secure<sup>Plus</sup>

5080 dpi

8000 / 9600 dpi

5080 dpi

8000 / 9600 dpi

5080 dpi

8000 / 9600 dpi

16/16, 32/32

16/16, 32/32

16/16, 32/32

16/16, 32/32

16/16, 32/32

16/16, 32/32



Lüscher Technologies AG  
Flugplatz  
3368 Bleienbach  
Switzerland  
Telephone +41 62 767 76 76  
contact@luescher.com  
www.luescher.com

A HELIOGRAPH HOLDING COMPANY