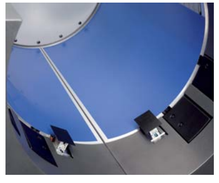
Innovative options that deliver enhanced functionality and operator comfort

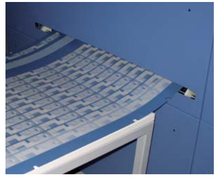
Inline punching – taking fully automatic prepress further
To finally make register errors a thing of the past and achieve fully automatic production, the XPose! can be fitted with the integrated Bacher 2000 inline punching system. On request, other, customer specific punches can be integrated. Perfect register allows makeready times to be shortened and wastage minimized.

XPose! PHS – Plate Handling-System for fully automatic operation
The XPose! PHS offers efficient plate handling and is specifically recommended for companies dealing with high volumes or for the professional handling of VLF plates. The Plate Handling System can accommodate up to six different formats or gauges of plate and the automation reduces the risk of damaging the plates. In addition, the PHS is very simple to load, since the interleaved sheets of paper are automatically removed.

XPose! Dual platesetting – unlimited flexibility
Dual platesetting increases productivity and reduces production costs, since two smaller plates can be exposed together on the plate bed. Dual platesetting therefore offers a combination of first class quality, high throughput and efficient plate handling. The modular architecture of the XPose! Setter means that each Dual model is built to the individual platesetting requirements of the customer.



XPose! unloader for semi-automatic operation
The optional plate delivery automatically unloads the plates after setting and directly forwards them to the plate processing line.



Technical specifications

	XPose! 230 UV	XPose! 260 UV	XPose! 290 UV	XPose! 290-L UV	XPose! 290-XL UV
Max. plate format	1130 x 950 mm	1680 x 1370 mm	1900 x 1485 mm	2080 x 1600 mm	2260 x 1600 mm
Max. setting area	Full plate format	Full plate format	Full plate format	Full plate format	Full plate format
Min. plate format	430 x 360 mm	540 x 380 mm	605 x 410 mm	655 x 410 mm	655 x 410 mm
Min. plate format with register pins	120 x 120 mm	120 x 120 mm	120 x 120 mm	120 x 120 mm	120 x 120 mm
Min. setting area	none	none	none	none	none
Plate gauges	0.15 - 0.4 mm	0.15 - 0.5 mm	0.15 - 0.5 mm	0.15 - 0.5 mm	0.15 - 0.5 mm
with PHS	0.2 - 0.4 mm	0.25 - 0.5 mm	0.25 - 0.5 mm	0.25 - 0.5 mm	0.25 - 0.5 mm
Resolution	2400 dpi	2400 dpi	2400 dpi	2400 dpi	2400 dpi
UV setting head	64 laser diodes	64 laser diodes	64 laser diodes	64 laser diodes	64 laser diodes
Light source	Blue laser, 405 nm	Blue laser, 405 nm	Blue laser, 405 nm	Blue laser, 405 nm	Blue laser, 405 nm
Dimensions (L x W x H)	2908 x 1367 x 1627 mm	3575 x 1565 x 1735 mm	2126 x 1794 x 2008 mm	2126 x 1794 x 2008 mm	2126 x 1794 x 2008 mm
Weight	1900 kg	2550 kg	3500 kg	3500 kg	3500 kg
Options					
Downgrade	32 laser diodes	32 laser diodes	32 laser diodes	32 laser diodes	32 laser diodes
Upgrade	128 laser diodes	128 laser diodes	128 laser diodes	128 laser diodes	128 laser diodes
Plate Handling System fully automated	available	available	available	available	available
Semi-autom. unloader	available	available	on request	on request	on request
dual XPose!	on request	available	available	available	available
Inline punching	available	available	available	available	available
Further resolutions	on request	on request	on request	on request	on request

Certification	CE
Power supply	3 x 400 V, 50-60 Hz + N+ PE 32 A
Ambient conditions	50 - 65% ambient humidity at 18 - 25°C

Technical details subject to change

lüscher

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XPose!-03600

XPose! UV
Digital platesetter for conventional offset plates with a proven track record

XPose! UV

SWISS CTP

UV

lüscher

SWISS CTP from Lüscher

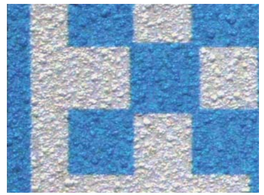
- **More than 60 years experience in prepress**
- **XPose! revolutionary modular system design**
- **Use of proven plate technology offering numerous advantages**
- **Quality and reliability that our customers are delighted with**
- **Simple, user-friendly operation**

Conventional offset plates set at the highest quality – tested and confirmed

Professional service and support as well as user friendliness make your life simpler

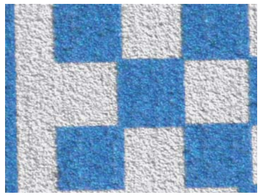
XPose! UV model range up to XL plate format 2260 x 1600 mm

Kodak Thermo

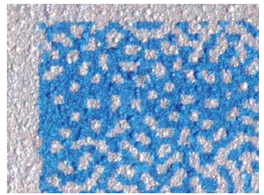


Magnification 475X

Vela LPV 100



Kodak Thermo



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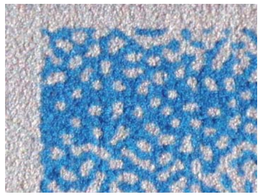


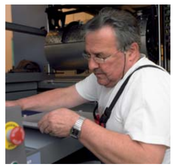
The XPose! UV images with high performance blue laser diodes, using 64 120 milliwat diodes to deliver 128 times the light energy of the original violet systems. As a result, it is no longer necessary to use highly sensitive plates and instead proven, conventional offset plates can be imaged, which are generally more economical and offer a higher processing tolerance.

Both FOGRA of Germany and the Swiss consultancy firm System Brunner have checked the quality of the imaged plates. System Brunner experts put the XPose! UV through a detailed acceptance trial and certified it in accordance with stringent assessment criteria. In the summary of the 29 page acceptance report it states that, "the Lüscher XPose! UV has demonstrated the ability to set various different types of positive and negative working plates with outstanding quality at the three screen rulings of 60 L/cm, 80 L/cm and FM Coarse".

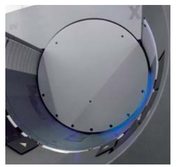
Today, more than 30 manufacturers offer conventional plates and Lüscher has successfully tested over 50 different offset plates. Instead of being tied to a small number of plates, you are free to choose your plates and their manufacturer in the market place.

By using conventional UV plates you are also able to exploit the advantages of negative working plates. The choice of the XPose! UV together with the switch to negative plates brings with it the possibility of longer print runs without baking; reduced electricity consumption due to the elimination of preheating and baking, runability with UV inks and more environmentally friendly processing.

No waiting! Operational check via remote maintenance.



Active support. A service team will arrive on site within the shortest possible time to assist you.



Any plate format. The simplified construction of the internal drum reduces the footprint.

Product innovations are implemented through close and direct exchanges with our customers and partner companies, because at Lüscher development, manufacture and support are all from the same source. This means that we actively support each XPose! UV in your company through on site customers aids, preventive maintenance checks and comprehensive operator training and maintenance courses for a customer's own staff. As a result we help you to avoid production down times and to save costs.

All the important components are easily accessible for servicing.

A special diagnostic tool allows our service engineers to analyse a problem on site in your premises, which ensures highly efficient and top quality service. The high-powered laser diodes are constantly monitored and automatically adjusted as required. Should a diode actually fail, the XPose! UV will operate somewhat more slowly but the quality will be unaltered.

A Color Touch Panel (graphic user interface), which is simple to operate and a joy to use because of its clear display of individual operational functions, controls the setter. Dynamic menus offer you easy access to the key functions at any time. Customer satisfaction remains our primary objective and so we value a mutual development partnership very highly and relish the challenge of finding customer specific solutions.

XPose! 230 UV

XPose! 260 UV

XPose! 290 UV

XPose! 290-L UV

XPose! 290-XL UV

The new XPose! UV model range incorporates the latest technology for maximum system availability and minimum servicing expenditure.

The XPose! UV model range can cover every format used in the industry from 430 x 360 mm to 2260 x 1600 mm, the XL plate format.

The XPose! UV is based on the XPose! Technology that has been used worldwide with such success and combines speed with consistency. Its unique combination of internal and external drum is patented worldwide. This design guarantees geometrically precise reproduction and simplifies the loading and unloading of the plates.

Lüscher platesetters can be used manually or, optionally, as semi-automatic or automatic machines.

»Innovative technology with economic benefits« P. Schmidt, Ziegler Druck- und Verlags-AG (CH) **»The conventional UV plates are much simpler to handle than thermal plates«** I. Fritzsche, GGP Media (D) **»The UV technology works and makes economic sense«** J. Helmberger, Niedermayr (D)