

The XPose!  
benefits at a glance:

CTP thermal platesetter  
with unique, internationally  
patented combination of laser  
diodes and internal drum

Open system with modular  
design: flexible, future-proof,  
economic

Printing plate production at  
daylight conditions

Thermal exposure ensures  
highest reproduction quality,  
extremely long print runs,  
resistance to UV links

Compact internal drum for  
all plate formats

High-precision technology,  
easy handling

Laser diodes with a long  
service life

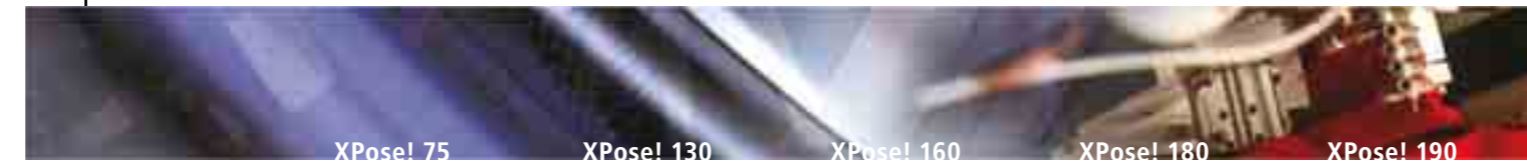
Always upgradeable with plate  
handling system



XPose! 160



#### Technical Data



	XPose! 75	XPose! 130	XPose! 160	XPose! 180	XPose! 190
Max. Plate size	900 x 680 mm	1130 x 950 mm	1680 x 1370 mm	2030 x 1485 mm	2080 x 1600 mm
with PHS	760 x 680 mm	1130 x 950 mm	1680 x 1370 mm	2030 x 1485 mm	2080 x 1600 mm
Max. exposure area	900 x 680 mm	1130 x 950 mm	1680 x 1370 mm	2030 x 1485 mm	2080 x 1600 mm
Min. Plate size	311 x 250 mm	430 x 360 mm	540 x 380 mm	605 x 410 mm	655 x 410 mm
with register pin	120 x 120 mm	120 x 120 mm	120 x 120 mm	120 x 120 mm	120 x 120 mm
Min. exposure area	unrestricted	unrestricted	unrestricted	unrestricted	unrestricted
Plate thickness	0,15 – 0,3 mm	0,15 – 0,4 mm	0,15 – 0,5 mm	0,15 – 0,5 mm	0,15 – 0,5 mm
with PHS	0,15 – 0,3 mm	0,20 – 0,4 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
Repeatability	0,01 mm	0,01 mm	0,01 mm	0,01 mm	0,01 mm
Dimensions (L x B x H)	2406 x 1149 x 1495 mm	2650 x 1200 x 1550 mm	3000 x 1495 x 1650 mm	3050 x 1710 x 1890 mm	3410 x 1710 x 1915 mm
Weight	950 kg	1250 kg	1775 kg	2050 kg	2300 kg
<b>Optionals</b>					
<b>dual XPose!</b>	not possible	not possible	possible	possible	possible
<b>XPose! speed</b>	not possible	not possible	possible	possible	possible
<b>Inline punching</b>	not possible	possible	possible	possible	possible

dual XPose! register pins for dual production capability  
 XPose! speed high speed 128 Laser diodes exposure head  
 alternative resolutions (600/1200/1800/2438/2540 dpi)  
 stochastic screening  
 PHS/DPHS – plate handling system/dual plate handling system

Approvals CE  
 Power supply 3 x 400 V, 50 Hz + N + PE 20A (XPose! speed and XPose! 180/190: 32A)  
 Environment conditions 50 – 65% RH at 18 – 25°C  
 We reserve the right to change design or technical data without notice.  
 Further details on our homepage [www.luescher.com](http://www.luescher.com)

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XPose!-0306E

XPose! has a great future:  
Thermal plate imaging with internal  
and external drum in an open  
system of sustained profitability.



# luescher

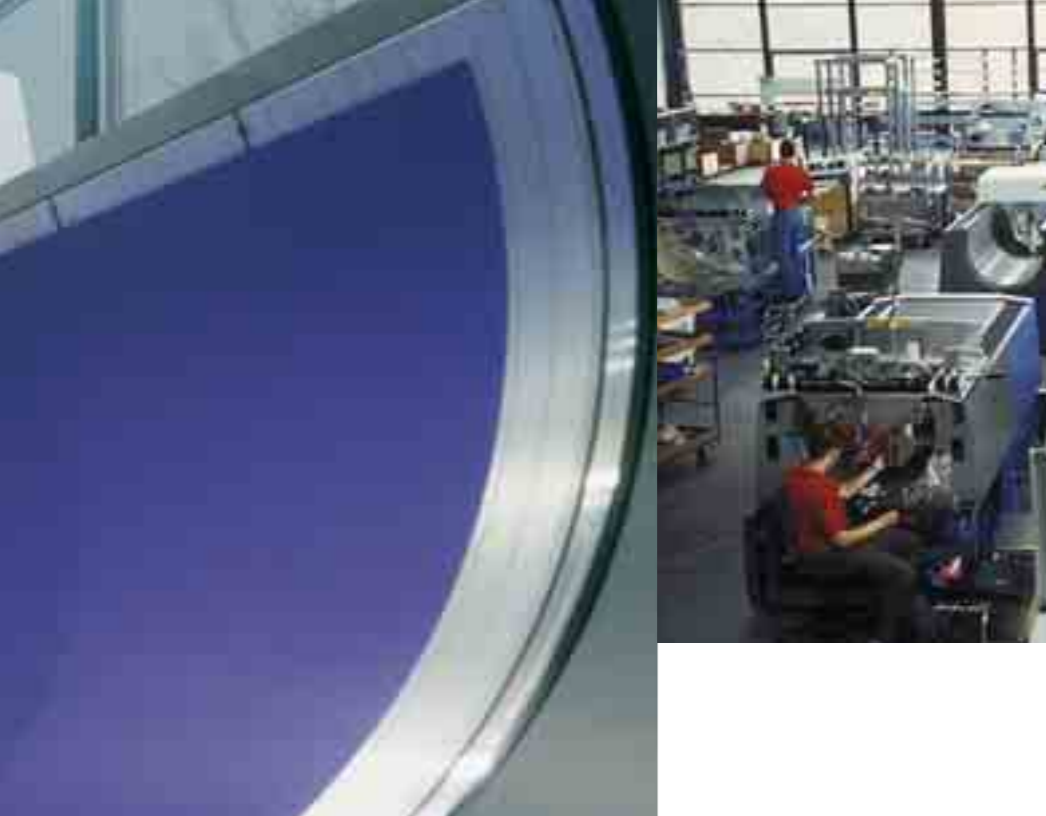
## SWISS CTP by Lüscher

- More than 60 years of pre-press experience
- Unique XPose! thermal CTP with modular capability
- Reliability exceeds customers' expectations
- Quality of end product
- User friendly

XPose! sets quality standards.  
We surpass them  
with top productivity.

XPose! is innovative.  
The same applies to our after-sales services,  
support and maintenance.

XPose!  
makes for constantly reliable speed.



The Lüscher XPose! was launched as a revolutionary new product. Its unique combination of laser diodes and internal drum has been internationally patented. The XPose! has been enhanced even further.

XPose! productivity and dependability are ranked best. But, due to consequent optimization, the XPose! also is impressively profitable. Our R&D and manufacturing motto is: "the simpler the design, the more dependable and economic in operation".

To meet your space conditions and demands, every XPose! has a modular design – made of identical, tried and tested and therefore low-maintenance components. Depending on the size, they are multiplied.

XPose! has been designed as an open system. It seamlessly integrates with all peripherals available on the market. Its compact dimensions save space during operation.

Speed is an issue during production. Pairing speed with steadiness, the XPose! ensures safe production. This works out: in the long run, the steady system is also the faster one. We match the speed of XPose! to your demands.



Inspections via remote access servicing. The XPose! will not let you wait.



Questions? Our service team is on-site as fast as possible. Or provides hotline support.



The best of two worlds: Internal an external drum for all plate formats.

Various options, but also fundamental features have resulted from close contact and vivid communication with our customers. For example the dual drum.

We hold this mutual development efforts in high esteem and feel challenged to convert suggestions into technically feasible solutions. This is made possible by our streamlined organization, but even more so since our roots lie in innovative technology. Our customers' satisfaction is our greatest reward.

Development, manufacturing, support: Lüscher provides all from one hand. In other words, we actively support every XPose! in your company: By on-site production support, by preventive inspections. We thus help to prevent machine downtimes and to save costs. Our specialists use remote access services to carry out configuration changes and to make RIP settings.

A generic diagnostic system continuously monitors the laser diodes that by far surpass the service life of competing products. And realigns them when required. Should a diode really fail, the XPose! will continue working with the same quality, but at a slightly reduced speed.



XPose! 75



XPose! 130



XPose! 160



XPose! 180



XPose! 190

We supply your XPose! in the desired format and configuration. It is our aim to ensure the greatest possible efficiency, shorter production times, and cost-effective high-quality thermal plate production for you. Tell us your format requirements, decide upon the speed of your XPose!, its availability, and the interfaces for desired peripherals.

Your new XPose! is expandable. Its capacity grows along with your enterprise. This makes your investment permanently future-proof.

Operating the XPose! is very easy. No need to say that we also offer instruction and training, also for your service staff.



Compact and cost-effective variant with 2 XPose! and 1 dual plate handling system (PHS).



Plate handling system (PHS) for XPose! 75. Single or dual version available.

# XPose! has a flexible modular design. Its consequent optimization is the key to demonstrably low operating and service costs.