

FlexPose!
Flexibility, quality and speed designed to meet your high standards.

Technical Specifications

FlexPose!
The first hybrid CTP thermal
imagesetter for flexo, letterpress
and offset plates.



FlexPose!
SWISS FLEXPLO

Hybrid -
FlexPose! images flexo,
letterpress and offset plates

Faster, optimised processing -
thanks to FlexPose! you're
faster to print

Multifunctional and flexible -
different plate sizes are no
longer a problem

Fully developed peripheral
devices for a trouble-free
production process

Flexible when it comes to base
materials with FlexPlate!,
LetterPlate! and SteelPlate! and
all thermal offset plates

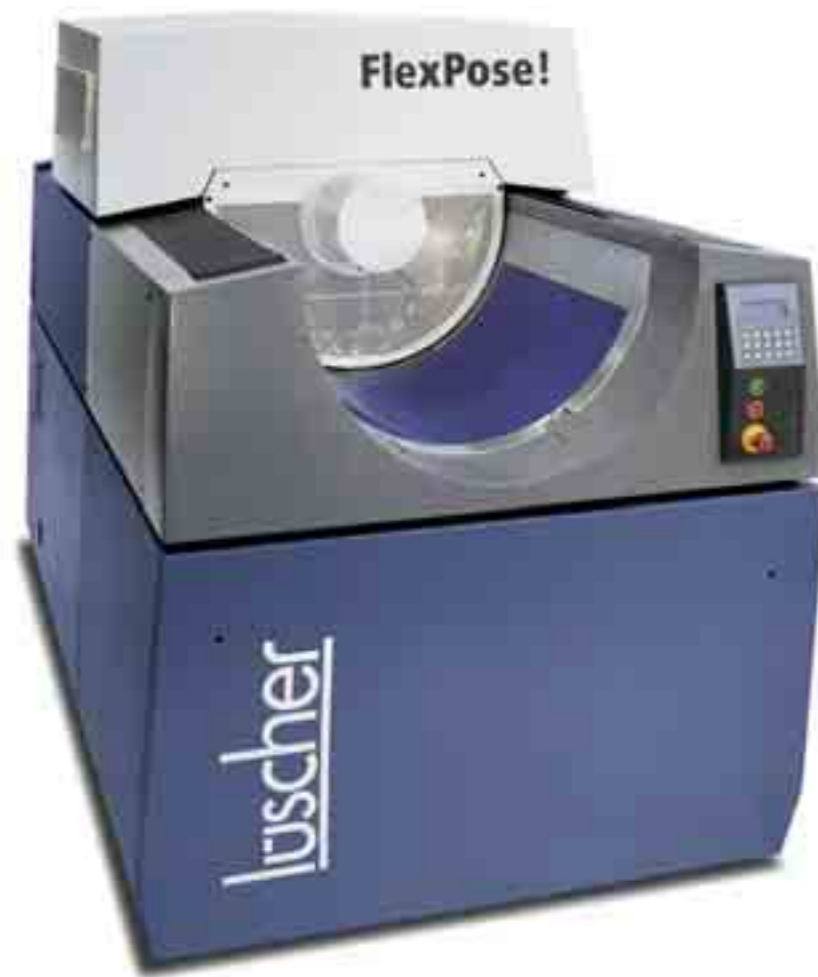
Environmentally friendly -
Flexo and letterpress plates are
water-washable

No films, no solvents!

No long waiting times as with
solvent plates

Top quality printing thanks to
digital data transfer

Compatible with other systems



Maximum plate format		
Offset	900 x 680 mm	1130 x 950 mm
Letterpress	900 x 680 mm	1130 x 950 mm
Flexo	762 x 610 mm	762 x 610 mm
Maximum exposure area	900 x 680 mm	1130 x 950 mm
Minimum plate size	120 x 120 mm	120 x 120 mm
Minimum exposure area	unrestricted	unrestricted
Plate thickness	0.15 – 3.0 mm	0.15 – 3.0 mm
Automatic focusing	according to plate thickness	according to plate thickness
Smallest dot size	10 microns	10 microns
Repeatability	0.01 mm	0.01 mm
Dimensions (l x w x h)	2406 x 1149 x 1495 mm	2650 x 1200 x 1550 mm
Weight	950 kg	1250 kg

Approvals	CE
Power supply	3 x 400 V, 50 Hz +N+PE, 20 A
Environment conditions	50 – 65% RH at 18 – 25C
Options	FM screen We reserve the right to change design or technical data without notice

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FlexPose!-0606E

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SWISS CTP by Lüscher

- More than 60 years of pre-press know-how
- XPose! – FlexPose! Our impressive modular systems
- Reliability exceeds all customer expectations
- First-class quality finished product
- User-friendly

The imagesetter that sets a new hybrid standard - in flexo, letterpress and offset printing.

FlexPose! is three in one, which makes plate production simpler, faster, more flexible and more economic.

FlexPose! means shorter processes. Five working stages provide better supervision, fewer errors, more speed.



FlexPose! is the next logical step in the development of the XPose! imagesetter generation by Lüscher.

FlexPose! significantly shortens the entire imaging process. The long drying times you are used to with solvent plates are a thing of the past and you can save up to 8 working hours.

Digital data transfer and the top quality you have come to know from Lüscher will give you printing processing results that meet the highest standards in quality. Print customers now have new options when it comes to design – an unbeatable argument.

FlexPose! is three units in one. As a hybrid CTP thermal imagesetter, it can process varying sizes of flexo, letterpress and offset printing plates. This saves money and space, and makes for maximum flexibility.

Each FlexPose! is made up of modules - standard for Lüscher - and can be built up according to requirements. FlexPose! fits no matter where and how it is going to be used.



FlexPose!
Groundbreaking hybrid technology for pre-press



Easy and reliable thanks to remote servicing



Environmentally friendly thanks to water-washable plates



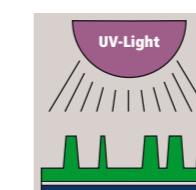
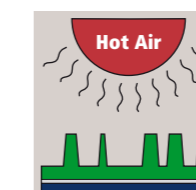
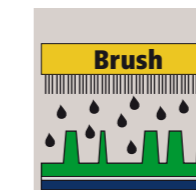
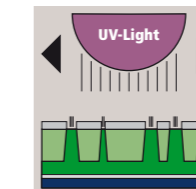
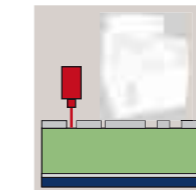
Flexible in all spheres

The enhanced quality of flexo printing has led to it playing an increasingly greater role in cost-effective printing. But cost-effective printing needs an imagesetter that processes data directly from the computer - rapidly, reliably and accurately. FlexPose! by Lüscher can do even more than this. It is a thermal imagesetter for letterpress and offset printing plates all at the same time. Flexo and offset plates are processed in exactly the same way, which makes handling easy.

New and for the first time ever worldwide, all flexo and letterpress plates by Lüscher imaged with the new FlexPose! are also environmentally friendly water-washable. Lüscher supplies the optimal plate material to go with FlexPose! under the brand names FlexPlate!, LetterPlate! and SteelPlate! These plates need no accurate positioning in Lüscher's unique internal/external drum and therefore can be easily and quickly placed in the imaging unit. There are no centrifugal forces caused by different plate thicknesses and sizes.

High performance peripheral devices complement FlexPose! and guarantee a trouble-free and fast production process.

Lüscher's FlexPose! comes with a real-time monitoring system, which continually checks the laser diodes. If a diode fails, FlexPose! runs a little slower but quality is maintained. Lüscher's service includes global remote servicing for every system, not only in production support but also for routine servicing.



The production process is much simpler with FlexPose! Conventional films are no longer needed at all. FlexPose! images with the latest in laser technology. Printing plates for flexo printing and letterpress are perfectly imaged, washed, dried and ready for use in just five steps.

The production process: film-free, digital positive

1. Direct mask imaging on the plate takes the place of conventional film.
2. UV light hardens the polymer.
3. The washing process is carried out with water only (+softener additives for flexo)*
4. Short drying times with water-washable plates
5. Post-imaging ensures that the plates are hardened and made ready for printing.

Both the water and the plate remain free of solvents during the entire washout process. This means that with FlexPose! Lüscher has set a brand new world standard when it comes to eco friendliness.

Offset plates are made in the usual way.



Flexpose! ushers in a new era in plate imaging in narrow-web format: hybrid technology with greater flexibility, better quality printing and less waiting time.