

**JetPrint 3530 UV**

The versatile UV ink flatbed printer for digital large-format printing. Prints on virtually any rigid or flexible substrate, but specially designed for flat materials.

Uses environmentally friendly UV curing ink and cost-effective and productive workflow.

# JetPrint

SWISS DP



**All components from one hand**

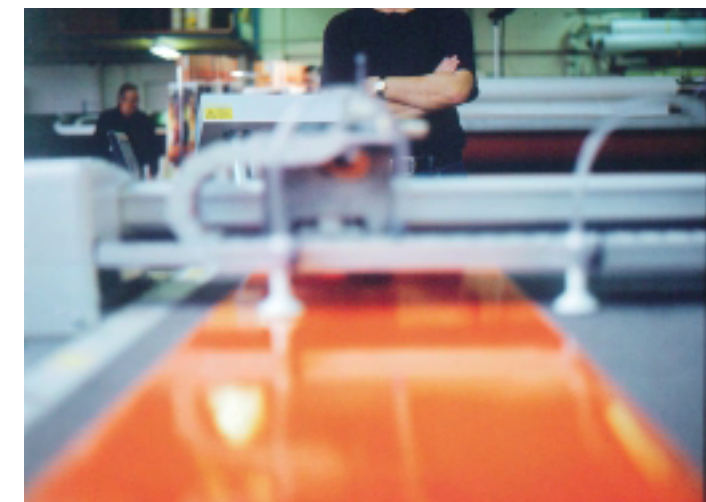
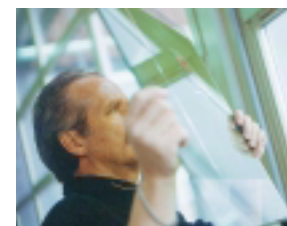


All JetPrint components are designed in-house, and the overwhelming majority are made at the Lüscher factory. This is the best way to achieve stringent manufacturing and assembly quality

The software is also developed in-house at Lüscher – the fastest way to respond to customers' wishes and rapidly updating equipment out in the field, to reflect the software state of the art.



We offer instruction, software- and application training on-site. Service is a big issue. With remote diagnostics the customer can link up with Lüscher service engineers and effectively avoid production stoppages.



**lüscher**

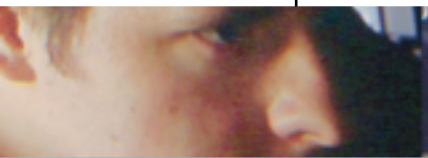
## SWISS DP from Lüscher

- 58 years of prepress experience
- Reliability exceeds customers' expectations
- Highest quality of end product
- User friendliness

## Printing Solution from Lüscher

## New markets and applications

### SWISS DP



The JetPrint provides top productivity, which reduces its effective operating cost. The unique fixed vacuum table allows a high level of registration accuracy and simple operation even when using large substrates. It is ideal for simultaneous printing on numerous small formats and printing on heavy or delicate materials.

The unique Lüscher JetPrint, designed for flatbed printing offers surprising cost savings, reliability, quality and versatility, is simple to operate and is a practical alternative to screen printing.

JetPrint leads the market with a 3500 × 3050 printable area, support for numerous applications and highest productivity.

Environmentally friendly UV curing inks  
Water-and abrasion-resistant  
Superior results with intense colours on a large number of media  
Allows drying during printing  
Guaranteed system compatibility

Advanced, user-friendly user interface  
Quick, efficient RIP  
Comprehensive colour management  
Layout tools  
File preview  
Web subdivision  
Support of numerous data formats



The potential of digital printing is increasing. This also applies to your market. Lüscher JetPrint overcomes limitations and gives you the freedom to perform digital printing, in remarkably high quality and on virtually any substrate: whether rigid or flexible, delicate or heavy, smooth or structured, large or small formats. No matter what kind of medium or application you need, the Lüscher JetPrint prints every job in a cost-effective workflow.

The Lüscher JetPrint prints on all medias – whether standardised or special: Rigid: PVC, polycarbonate, corrugated board, expanded plates, aluminium, styrene, acrylic, polyester, acrylic glass, wood, glass, ceramic, marble and many more. Flexible: banners, self-adhesive foil, paper and others up to 80 mm thick.

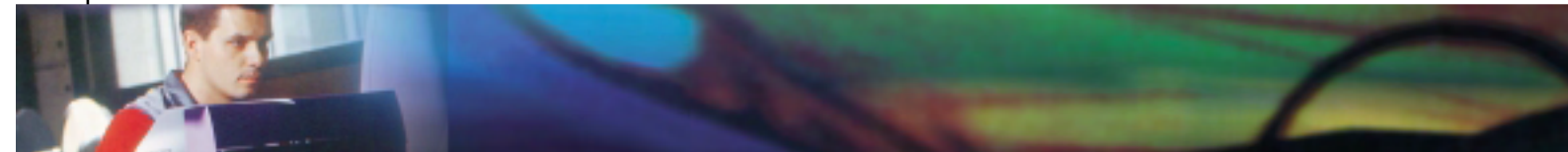
A high degree of flexibility means that the range of applications printable on the JetPrint are almost unlimited. The possibilities, including those for niche applications, are endless.

Here some examples: POP / POS, Outdoor advertising, Interior and outdoor signage, Rigid building cover, Interior decoration, theatre decoration. Graphical presentations, furniture and architecture, Signage for new buildings and real estate (signaletics)

**SWISS DP: This printing solution shortens production times and opens new markets.**

**JetPrint**  
fast, exact, reliable

**Technical data**



Components	Patented Lüscher JetPrint flatbed print system with DOD-Technology,
Printable Area max.	12 zones vacuum-table, zero-point positioning- and UV curing system
Media Thickness max.	3500 × 3050 mm (138 × 122 in.)
Media Weight max.	80 mm (3.1 in.), controlled by laser sensor
Imaging Technology	250 kg/m <sup>2</sup> (550 lb/m <sup>2</sup> )
Colors	Spectra piezo print head with 1024 nozzles per color 4 color process CMYK, 6 colors CMYKcLm, 8 colors CMYKcLmLyLk
Inks	or 8 colors CMYKcLm + 2×White or 2×4 colors CMYK
Output Resolution	Vibrant UV-curing links in 3-litre special containers
Print Speed max.	Draft 200 × 200 dpi, True 400 × 400 dpi, 400 × 600 dpi or 600 × 600 dpi 100 m <sup>2</sup> /h by True 400 × 400 dpi with 4, 6 or 8 colors
Control Computer	200 m <sup>2</sup> /h by True 400 × 400 dpi with 2 × 4 colors
RIP	Workstation with special Lüscher JetPrint software
Data Format	RIP-Server with Onyx Postershop Vers. 6/Lüscher JetPrint version
Computer Interface	Postscript Level 3, EPS, PDF, TIF
Power Supply	SCSI-LVD Ultra 2 Interface
Compressed Air Outlet	3 × 400V +N +E, maximum 30A
Ambient Conditions	Dry air
Size and Weight	45% - 75% RH, 18° - 28° C, ideally 22° C (63° - 72° F, ideally 67° F) 1,6 × 5 × 6,5 m (H × D × W), 3500 kg



Top productivity thanks to patented printheads and 1024 nozzles per color (total 8192)

Free choice of colors: 4, 6, 8 or 2 × 4 colors

Patented printhead and UV curing system

Market leading with 3500 × 3050 mm (138 × 122 in.) printable area

Material thickness up to 80 mm (3.15 in.)

Allows media of up to 250 kg/m<sup>2</sup> (550 lb/m<sup>2</sup>)

Precise material positioning thanks to independent vacuum sections and register pin control

Ideal both for simultaneous printing on numerous small formats and printing on heavy or delicate materials

Remote diagnostics

Machine and Control-Software produced entirely in-house

We reserve the right to change design or technical data without notice.

**lüscher**

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