



Technology

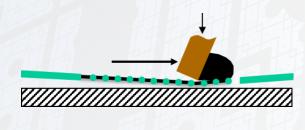
Applications

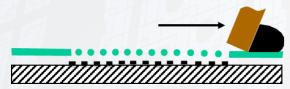
Product



LASER TRANSFER PRINTING - AN INNOVATIVE PRINTING TECHNOLOGY

Screen Printing





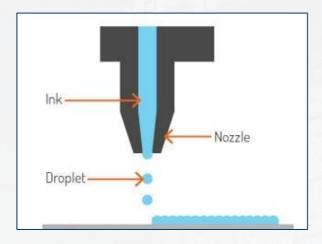
Pros

- speed is independent of glass size
- good print quality
- well established

Cons

- only one layer thickness
- thickness typ. 15-30 μm
- one screen per window model

Inkjet



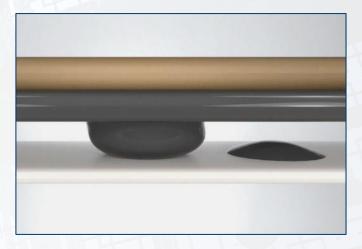
Pros

- High resolution
- CYMK Photorealistic print
- Digital

Cons

- Slow printing speed at high film thickness
- Special inks
- High Maintenance cost

LTP



Pros

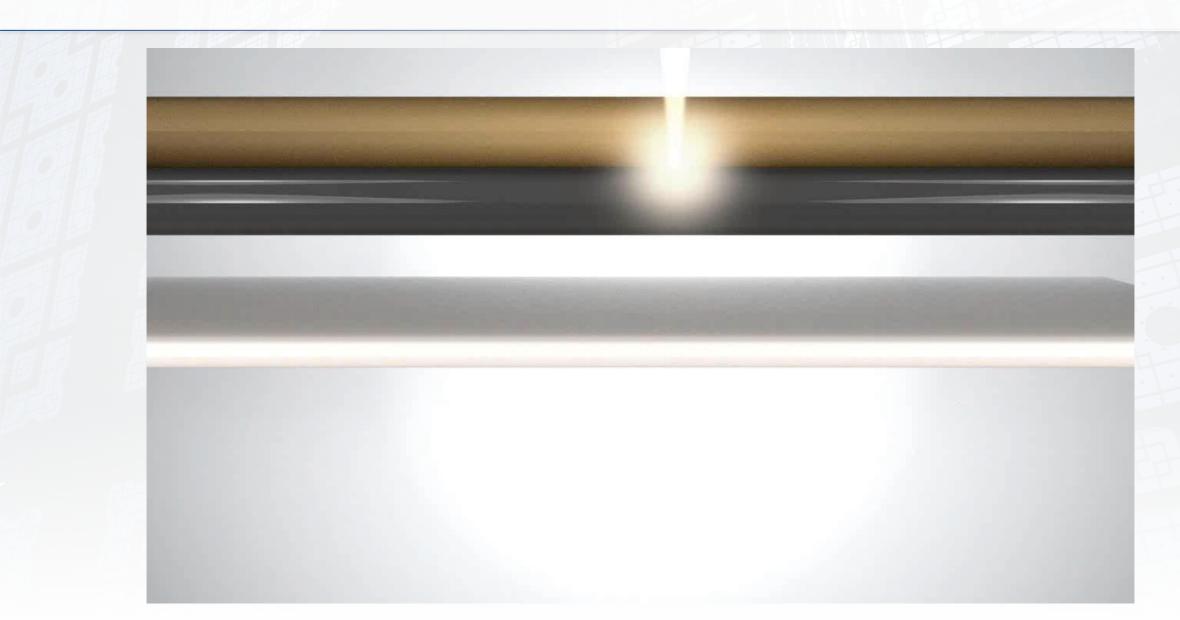
- Original inks
- Variable film thickness
- Productive at Batch size 1

Cons

- No multicolor printhead
- slow at high number of batches
- New technology

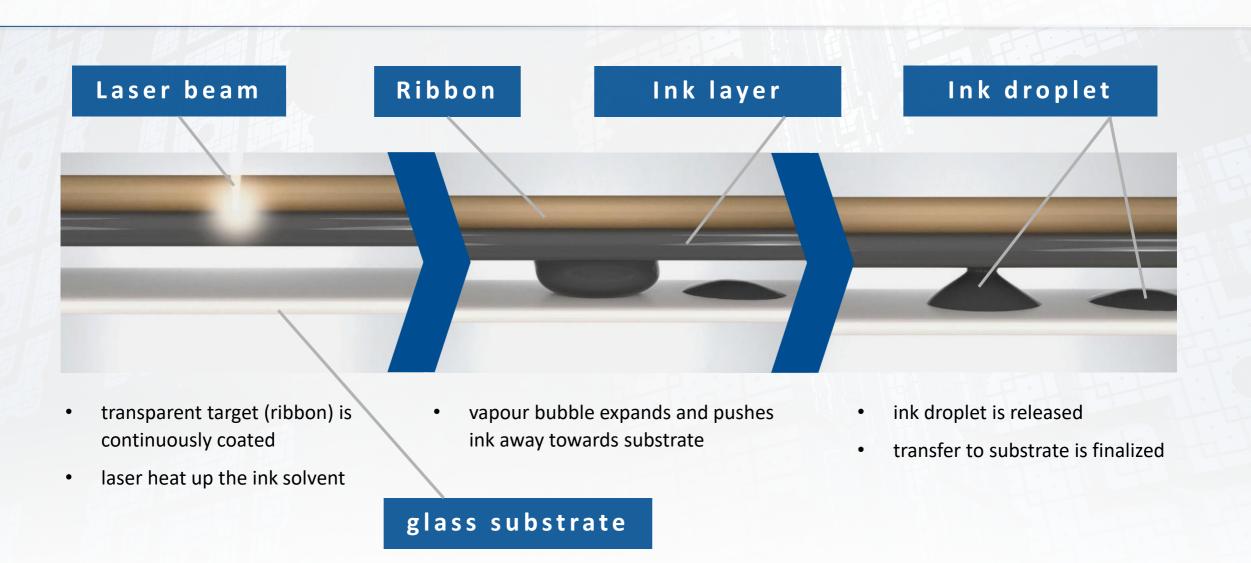
















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Large particles

Printing of large particles like ceramic, glass fritts, etc.



Certified inks

Original qualified pastes and inks adapted to the LTP process



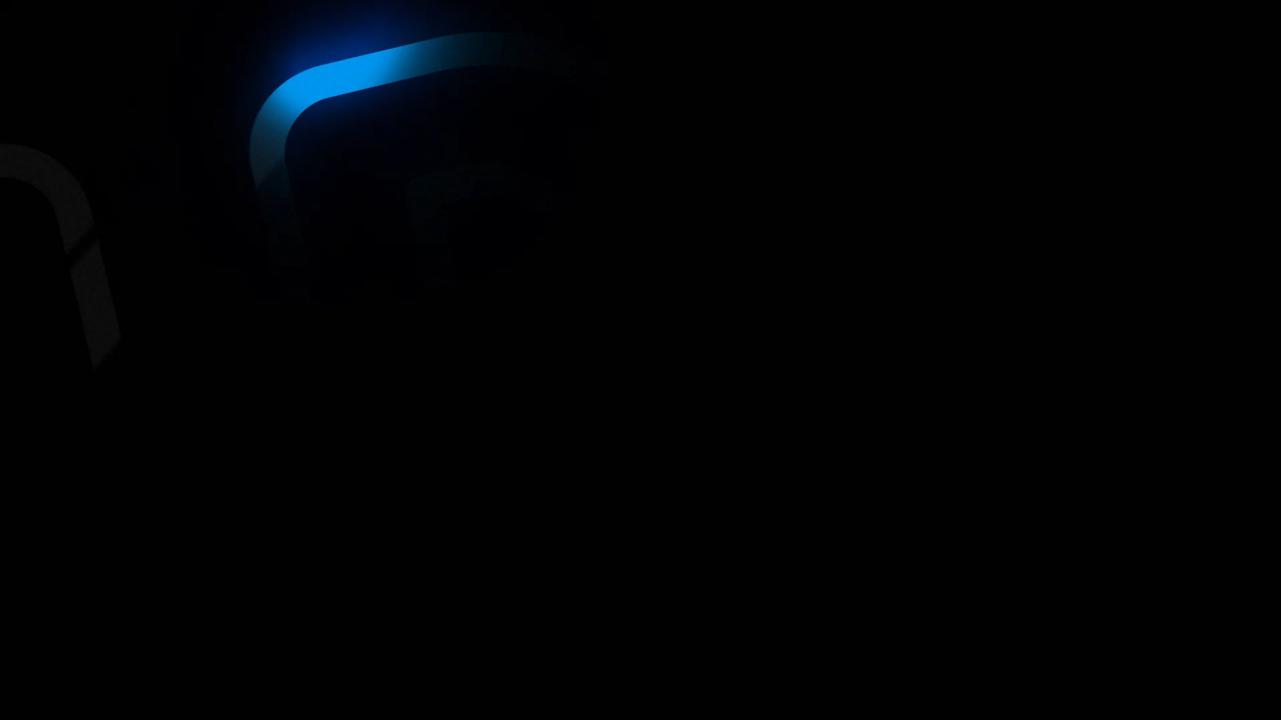
Contactless

Non-contact printing with identical properties to screen printing



Digital

Flexible, Individual, Productive





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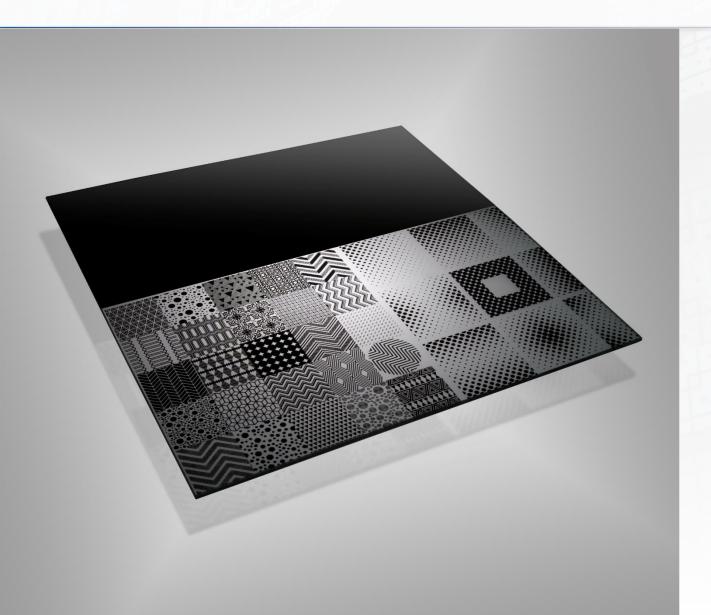


Exterior glass design

- Facade
- Windows
- Doors
- Balustrades
- High Opacity solid areas
- structural glazing certification (SIKA)



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Interior glass design

- shower cabins (customized)
- partition walls
- doors
- stairways
- High resolution patterns and textures
- customized layouts and glass shapes



>>> PRODUCT - LPKF NOVAPRINT

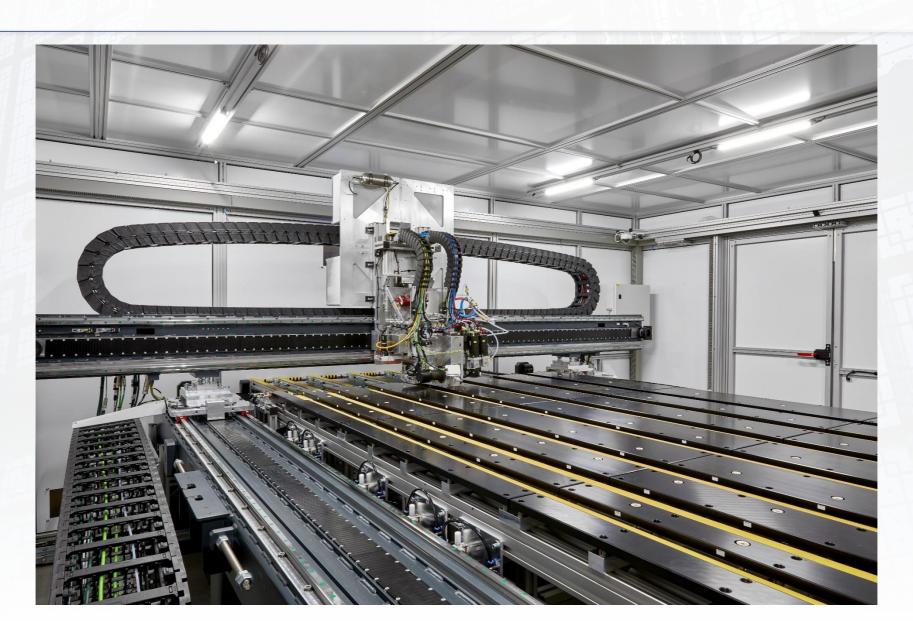






>>> PRODUCT - LPKF NOVAPRINT







>> OVERVIEW BENEFITS



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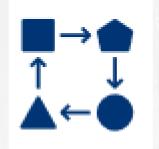
FLEXIBLE



PRODUCTIVE



INDIVIDUAL



COMPETITIVE

- Quick reaction to market changes
- Flexible and adaptable technology



- Fast integration of new design
- Implementation of special projects at any time







Exact printing without ink splatters





LASER TRANSFER PRINTING - AN INNOVATIVE PRINTING TECHNOLOGY

- Qualifying ink resist for bird protection glass
- Finalization of development Full RAL color spectrum
- Development of an Integration modul

More to come next year...

