



Mantel Digital AG

High-Precision Inkjet Printer for Printing into
Anodized Aluminium

Made in Switzerland

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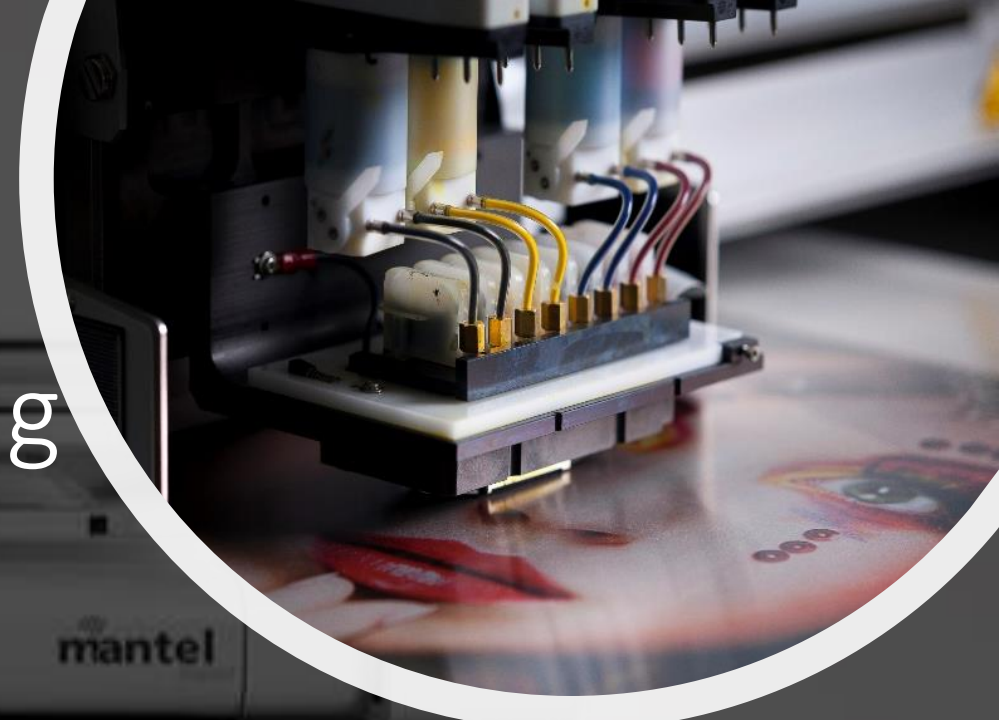
Who we are and what we do?

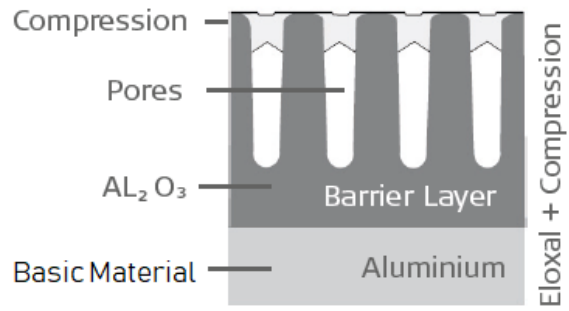
- Founded 75 years ago, Mantel Digital AG is run by the third generation of family owner today.
- Long-term experience and our innovative technologies allow us to offer a wide range of products of industrial and advertising printers.
- In addition to selling large-format printer brands, we also manufacture.
- Customized printing systems.

DataPrint - Aluminium Printing

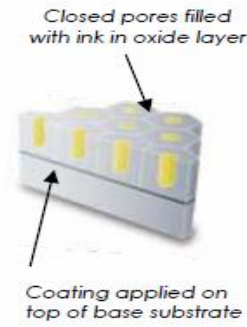
System for digital printing directly into anodised Aluminium

- High resolution printing (2880x2880dpi)
- Unlimited design possibilities
- Print on formed surfaces possible
- Maximum print area 2020mm x 1190mm
- Media thickness 0.2mm – 40mm
- Patented Technology
- Finished product is scratch and weather resistant

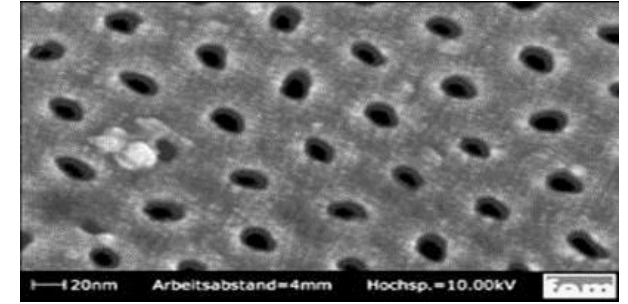




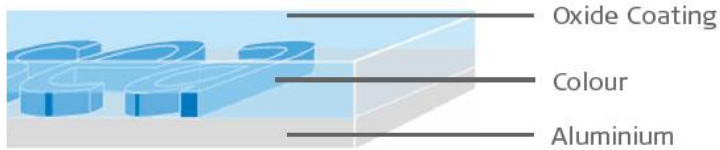
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1. Base material, open pores anodized Aluminum.
2. Up to 32x layerprint to fill complete the open pores with ink in the anodized Aluminum.
3. Sealing the Aluminum plate in hot water.
4. Result, top layer Aluminum oxide, harder than glass.



How it works

Product- DataPrint



DataPrint is a digital printing system to print into the open pores of anodised aluminium. After the sealing of the aluminium, the final print exhibits remarkably good characteristics:

Resistance to atmospheric corrosion and solvents

- Chemical resistance
- Abrasion-proof
- Anti-graffiti
- High UV resistance
- Fire resistance
- Scratch resistance



Anto

DataPrint – Product
Application

Interior Design





DataPrint- Product Application,
Signs

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di



DataPrint- Product Application,
Art

DataPrint- Product Application,
Aluminum Facade



Applications

Printing into anodised aluminium is applied for decorative & design oriented elements in:

- industrial signs, front, casings, input systems, control panels, nameplates, overlays
- Transports (interior & exteriors)
- Kitchen and bathrooms, household
- Furniture for in and outdoor
- Building and architecture
- Jewellery and art





Mantel Digital AG

Thank you for your attention