

**LEADS**

**LASER ENGRAVING & PAD PRINTING**



**PAD PRINTING MACHINES**  
**LASER SYSTEMS**  
**AUTOMATIONS**  
**ACCESSORIES**  
**SERVICE**

**The combination of two marking technologies**

**Automated systems with pad printing machines & laser systems**

ORIGINAL

**TAMPOPRINT**

Pad Printing Machines  
ALFALAS® Laser Systems  
Automations



Reference: Sanitary industry



Reference: Sanitary industry



Reference: Sanitary industry



Reference: Door handles (chrome)



Show machine with robot technology

**TAMPOPRINT AG – your system partner!**

The TAMPOPRINT AG is an established industry partner.

Every day, our high value, fully automated systems print, label and decorate millions of surfaces of all types.

Our pad printing procedure in combination with integrated laser systems makes automated systems possible that satisfy the highest quality demands. Our system solutions find application in multiple shift operation with high throughput speeds. We also conceive ergonomic single place solutions. Interfaces to your process systems (SAP, Windows) for seamless process tracking can be implemented with our software solution iTAMPOPRINT.

We have made a name for ourselves with special solutions and our project planning can call on many years of experience.

- Pad printing of the highest precision
- on the smallest surface
- on convex/concave/cylindrical/uneven surfaces
- one or many colours
- combined with laser engraving
- options like printing image control with vision systems

Our automated systems satisfy the EU declaration of conformity.

Use our experience for your product marking and for plagiarism protection solutions "Made in Germany".



Reference Sanitary industry

Reference Sanitary industry

Ink removal with laser system components

iTAMPOPRINT – system solution gives production safety

Ink surfaces – pad printing EAN code – ink removal laser engraving

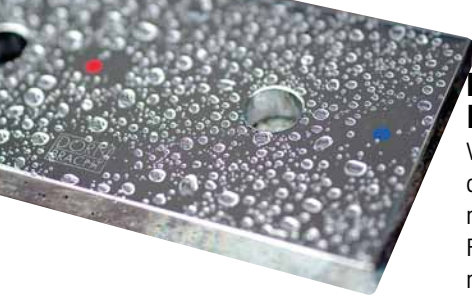
Ink surfaces – pad printing QR code – ink removal laser engraving



Reference: Automobile industry



**High performance automated systems TAMPOPRINT AG since 1981**



## Flexible marking via laser – ink changeover

With pad printing, one to many colour printing for standardised markings and decorations. Flexible marking data using laser marking process.

## Optimise surface adhesion

Sanitary products with chrome surfaces are a good example of this. Diverse markings and brand names can be permanently printed using pad printing.

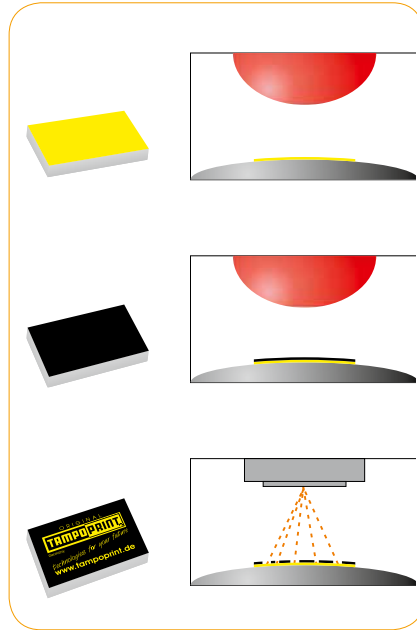
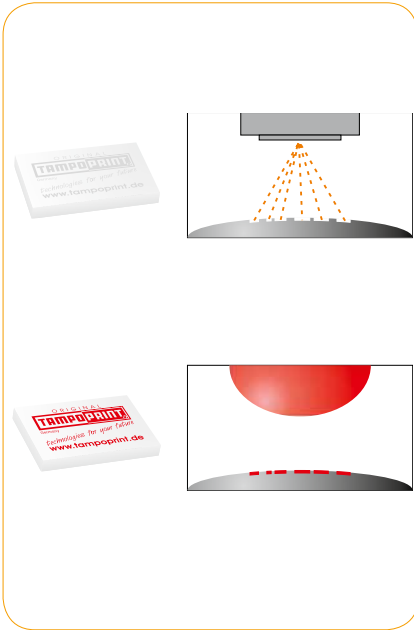
1. "Roughening" of the motif surface using a laser system.
2. Accurate printing of the motif using pad printing. From one to many colours.

## Ink removal layer by layer

Particularly interesting for flexible marking requirements in the 1 to 2 colour area. Codes in particular can also be applied excellently with this technology to any surface forms or materials. This procedure can be implemented with horizontal, vertical and rotary operating pad printing procedures.

1. The ink surface is applied using pad printing. Free choice of colour as well as choice of ink type suitable for the material.
2. Ink surface applied accurately by wet-on-wet pad printing allows multi-coloured motif depiction.
3. Using the laser, the upper ink layer is removed.

## TAMPOPRINT AG – procedure



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TAMPOPRINT products are permanently updated to keep pace with the latest technological developments. Representations and descriptions are therefore not binding. Our machines are manufactured based on the currently valid European Machinery Directives as well as the European product standards EN 1010 - 1 and EN 1010 - 2.

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