

**TAMPOPRINT**

**CLICHE LASER PLUS**



**Do-it-yourself production of pad printing clichés**

**Economic cliché laser (bench top unit)**

ORIGINAL

**TAMPOPRINT®**

Pad Printing Machines  
ALFALAS® Laser Systems  
Automations

# CLICHE LASER PLUS

TAMPOPRINT offers you this cliché production station (bench top unit) at a top price-performance ratio. By updating this model the laser beam source was improved and the import functions were extended.

- **Operator independent**
- **Extremely simple operation**
- **Print image change directly at the PC**
- **Ideal for frequently changing images**
- **Constant quality of your pad printing results of almost 100%**

The production of a laser engraved Aloxid-special cliché with the TAMPOPRINT CLICHE LASER PLUS is the most economic laser engraved cliché production on the market and clearly superior to the laser plotter systems with regard to precision and speed. The TAMPOPRINT CLICHE LASER PLUS is extremely easy to operate for the user.

### What you don't need any more?

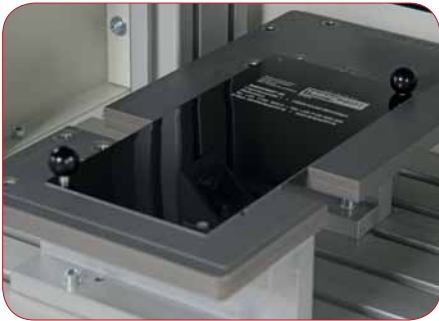
A special "room with amber light", exposure process, etching process, wash-out process, drying process, and all units and auxiliaries that are needed for the classic production of printing clichés.

In order to acquire knowledge of the digital pre-press, you can register for an intensive operator training.

Enquiries to [mailto:seminar@tampoprint.de](mailto:mailto:seminar@tampoprint.de)



**CLICHE LASER PLUS**  
with monitor, keyboard  
(included in delivery)  
and suction and filter unit (option)



**Multi cliché plate**  
for cliché sizes from TAMPOPRINT

## Software

Predefined parameters for the different cliché types that were exclusively developed by TAMPOPRINT. Generation and handling of data that can be laser engraved. Software TP\_alfa® and iTAMPOPRINT light pre-installed.

Importation of \*.dxf printing data (vector/line graphics): \*.dxf, \*.ai, \*.plt, \*.pdf, \*.eps.  
Selection of the parameters.  
Quality assurance by archiving and administering of the laser jobs.



**User interface**

## Consumables – pad printing cliché

Developed EXCLUSIVELY by TAMPOPRINT:  
3 types of pad printing clichés that can be laser engraved.

- Magnet-Aloxid cliché
- Aloxid special cliché
- Magnet-microflex cliché

All clichés that can be laser engraved are specially designed for lasers with a wave length of 1064 nm. Unlimited storage.



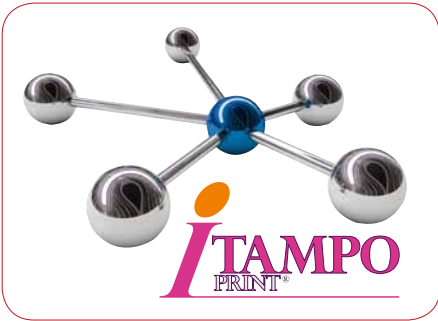
**EXCLUSIVE! Pad printing clichés for laser engraving**



**Cliché format adapter**  
for third-party products (option)



**Suction and filter unit**  
(option)



**Software iTAMPOPRINT**

## TAMPOPRINT CLICHE LASER PLUS

Item No.		41 00 05
Operating system preinstalled		current Microsoft operating system, Multilanguage
Applications software preinstalled		TP_alfa®, iTAMPOPRINT light
Import print image data		vector/line graphics *.dxf, *.ai, *.plt, *.pdf, *.eps
Marking area max.	mm	110 x 110
Pad printing cliché types		Magnet-Aloxid, Magnet-microflex, Aloxid-special clichés
Pad printing cliché sizes up to max.	mm	300 x 150
Laser type	SK	62
Laser medium		Yb:YAG
Wavelength	nm	1.064
Output power	W	< 20
Object lens	mm	f-Theta 160
Cooling		Air
Working chamber (Width x Depth)	mm	400 x 300
Inspection glass / Laser safety glass		Yes
Connected voltage +/-10 %		230V/1/N/PE
Housing design		laser class 1, DIN EN 60825.1
Width	mm	500
Depth	mm	1.000
Height	mm	660 / 930 <sup>1)</sup>
Weight	approx. kg	90
Connections on the rear side of the unit		USB, network connection, monitor connection, connection adapter for suction and filter unit

Space requirement without monitor, keyboard, suction and filter unit

<sup>1)</sup> with opened slide door

## Options

- Cliché format adapter, tool-free assembly on the multi cliché plate, cliché sizes (depth x width):
  - 80 x 80 mm: Item No. 41 09 21
  - 80 x 100 mm: Item No. 41 08 98
  - 100 x 100 mm: Item No. 41 08 99
  - 120 x 120 mm: Item No. 41 09 20
- Suction and filter unit according to BIA dust class H: Item No. 41 08 86
- Special production of holding plates for formats of third-party products
- Adapted marking area
- Software iTAMPOPRINT

## Scope of supply

- PC (integrated in CLICHE LASER PLUS)
- Monitor 19"
- Wireless keyboard
- Software TP\_alfa®, iTAMPOPRINT light
- Multi cliché plate

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TAMPOPRINT products are permanently updated to keep pace with the latest technological developments. For this reason, figures and descriptions are non-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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