

TAMPOPRINT® AG

CLICHÉ LASER +, product information



PAD PRINTING MACHINES



ALFALAS® LASER SYSTEMS



AUTOMATED SYSTEMS



ACCESSORIES



SERVICE

technologies for your future
made in germany

technologies for your future
made in germany

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CLICHE LASER (previous model)

- 6 Watt laser power
- Old diode – technology
- Approx. 60 – 80 µm spot
- PC and peripheal devices by customer
- Only DXF data possible
- Limited external control
- Easy to use

CLICHE LASER +

- 10 Watt laser power
- State of the art fiber – laser – technology
- Approx. 40 - 50 µm spot
- PC and peripheral devices included
- Data formats *.ai , *.pdf, *.dxf, *.eps
AI data now higher than version 8
- Easy to use with TP_DATA_Interface

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Customer Benefits:

- More efficient, precise and **robust laser beam source**
- **PDF Workflow** for all current graphic formats
- The overall package also **includes the PC and software**
- **Easy-to-use operating functions**
- **Cliché production directly on your PC** without film production
- **Ready-to-print clichés in no time**
- **User-independent quality of your print results**

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Customer Benefits:

Producing clichés with the TAMPOPRINT® CLICHÉ LASER + technology you don't need a special:

- **Room with yellow light**
- **Exposure process**
- **Etching**
- **Wash-out**
- **Drying**

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New functions with pdf import

- New import option for *.pdf, *.eps, *.ai (höher Ver. 8)
- Multilayer Data is editable
- Import data in pdf format originating from excel or word applications
- Bounding box is not necessary because the page size is recognised
- Automated centering functions
- Automated closing of open polygons
- Automated conversion of fonts
- Automated conversion of line thicknesses
- Automated elimination of overlay errors

Update for existing licences will be available shortly.

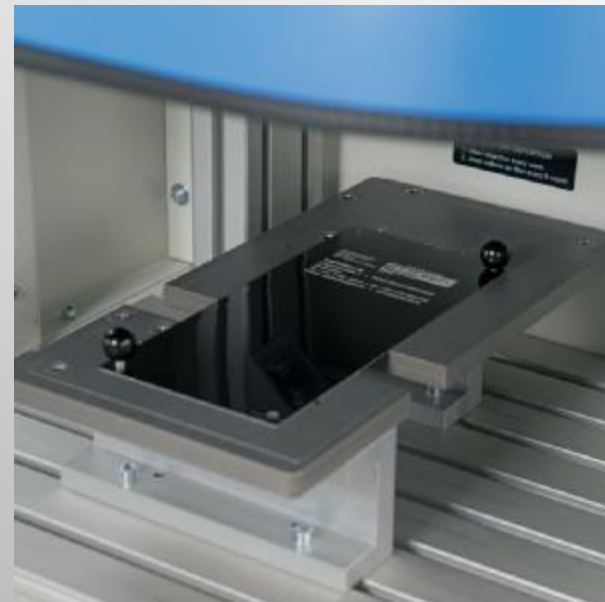
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Consumables - pad printing cliché

Developed EXCLUSIVELY by TAMPOPRINT® –
3 types of pad printing clichés for
laser engraving.

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

Unlimited storage.



technologies for your future
since 1959

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Technical data

Machine frame:

- Housing laser class 1, according to DIN EN 60825.1
- incl. multi cliché plate 60-90-130
- Optional cliché format adapter for third party products
- For Magnet-Aloxid, Aloxid special, Magnet-microflex cliché
- Dimensions machine frame W x H x D app. 500 x 660 (930 with open doors) x 1000 mm
- Total weight incl. laser app. 90 Kg
- max. print image size: 100 x 100 mm

Laser source:

- Fiber laser 1064 nm, air cooled
- Output power: < 10 W
- Room temperature + 5°C bis + 35°C
- relative air humidity < 85 %

Scan-head:

- Standard Galvo Head with aperture Ø 12 mm
- Object lens f-Theta 160 mm
- Marking area max. 110 x 110 mm

Software:

- Operating software pre-installed current Microsoft operating system, Multilanguage
- Barcode module for the creation of 1D- and 2D-bar codes
- Vektor graphics-import formats: .pdf, .eps, .ai, .dxf
- Pixel graphics-import formats: .jpg, .tiff, .bmp
- Variable text elements, like date, time,
- Integrated database recording
- Language version: Unicode-ready, german, english, french, spain,
- Additional languages can be provided on request

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Hardware

- Integrated in the machine housing
- 19" TFT monitor and Wireless Keyboard
- integrated MINI PC, WINDOWS(R) 7 Ultimate
- Main connection: 1/N/PE , 230 V (AC) +/- 10 %, 50/60 Hz, 600W

Connections on the rear side of the unit USB, network connection, monitor connection, connection adapter for suction and filter unit.

For servicing, the complete system has to be properly packed and sent back to TAMPOPRINT AG. There is no on-site-service available.

Our machines are manufactured based on the currently valid European Machinery Directives as well as the European Laser standards EN 60825-1; VDE 0837-1 und EN ISO 11553-1.