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AUTOMATION

MODUL 2010



TAMPON PRINTING MACHINES
LASER SYSTEMS
AUTOMATIONS

Innovative automation platform in the pharmaceutical, packaging and automotive industries

Sheathing and frame made of stainless steel 1.4301 - ideal for applications where hygiene is critical

Small plastic tubes - pin sharp EAN code using colour removal with laser

Ideal symbiosis - patented application tampon printing / colour removal with laser

technologies for your future
made in germany

ORIGINAL

TAMPOPRINT®

Tampon printing machines
ALFALAS® Laser Systems
Automations



III.: 2x "Hermetic 9-11 universal" + fiber laser SK 622



III.: Example sample parts small plastic tubes



III.: Control via touch screen

Technical data:

MODUL 2010	
Selection of tampon printing machine:	Hermetic series Sealed Ink Cup E series RTI 2000
Laser type:	Fiber laser SK 622
Output:	Depending on tampon printing machine and automation degree
Compact frame:	Stainless steel 1.4301
Transfer system:	Rotary index table TC 220T Ø 900 mm with max. 12 workpiece carriers
Consumption data:	2 kW (2x Hermetic 9-11 Universal)
Service life:	> 10 years
Certified safety:	Machinery directive 2006/42/EG - Hermetic 9-11 Universal (depending on the tampon printing machine used)
Safety system:	Tempered safety glass (ESG) - sound insulation, antistatic effect, hygiene

Options:

- Pre-treatment methods (depending on parts)
- Finishing treatment methods (depending on parts)

Dealer:

Technical Description:

MODUL 2010 is an innovative automation platform which can be used in all fields of the production technology, such as pharmaceutical, packaging and automotive industries. Applications where hygiene is critical can be realised well thanks to the materials used.

The basis of the MODUL 2010 consists of a stainless steel compact frame and a rotary index table with a diameter of 900 mm. This module can be equipped with two to four tampon printing machines or laser marking system and camera control in combination and is perfectly suitable for medium-sized quantities. Thanks to the mechanical drive the MODUL 2010 offers a precise repeat accuracy. Therefore it can be combined both with the electro pneumatic tampon printing machines of the "Sealed Ink Cup E" series and with the electro mechanical machines of the "Hermetic" series. For the circular printing of cylindrical parts the MODUL 2010 will be equipped with the rotary tampon printing machines of the "RTI" series. There is also the possibility of combining tampon printing machines and laser unit.

Up to twelve workpiece carriers can be applied to the MODUL 2010. Depending on the application requirements it is also possible to integrate pretreatment and/or drying units. The control of the MODUL 2010 takes place via the tried and tested VIPA S7 PLC control.

The MODUL 2010 can be fed manually or using a handling or feeding system. Depending on the application the module can be designed either as a semiautomatic or a fully automa-

tic machine. With manual feeding the output depends on the operator and is approx. 900 cycles/h. In case of fully automatic feeding a maximum output of up to 3.600 cycles/h can be achieved.

Advantages:

- Cleaning optimised, sanitation with medical approval
- Optional additional equipment can be integrated without any difficulty into the existing control cabinet
- Control cabinet and cables fully integrated into the stainless steel frame
- Subsequent supplementary equipment can be integrated into the control cabinet
- Hardware components from the tried and tested standard product range are used
- Real glass or plexiglass compact enclosure (top closed)
- Clean room class ISO 7, others upon request



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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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