

MOF Laser System



LASER SYSTEMS ACCESSORIES SERVICE

High-speed marking
Trendsetting technology
A wide range of applications

Laser Systems

MOF Series

The MOF series is based on the laser process „Mark on the fly“ (synchronized laser marking on moving product). A process designed for high-speed product customization, which makes this laser technology suitable for a wide range of applications across all industries (e.g. anti-piracy, traceability, promotions, scale marking, etc.). Using laser labeling, tamper-proof markings are made quickly and precisely on a wide variety of materials.

These TAMPOPRINT systems are available with durable and low-maintenance UV or fiber lasers in different outputs, depending on the application. The suitability for product individualization is determined with a specific process study.

Depending on customer requirements, the MOF series is available as a stand-alone version or as a system component for existing production lines. Due to its simple plug-and-play installation, it can be quickly put into operation. By means of remote maintenance, TAMPOPRINT offers competent support.

The heart of the MOF series is the ALFALAS® Laser Suite software developed by TAMPOPRINT. The user-friendly software is self-explanatory. It can be learned intuitively and offers special applications with which jobs can be carried out quickly and reliably. The optimum performance and quality of the entire system is achieved by means of software functions specially adapted to the application.

In the beverage industry, the MOF series has successfully established itself as MOF-PROMO HP. Its main field of application is the inside and outside marking of beverage closures of all kinds, e.g. marking for competitions. The output capacity of the MOF-PROMO HP is up to 2,500 laser marked closures per minute. Well-known producers in the packaging industry worldwide use the TAMPOPRINT MOF technology in their production chain.



MOF-PROMO HP
Working area

MOF Series

Focused on motion



With laser marking
it will be individual

Laser Systems

MOF Series

The MOF series is equipped with a powerful laser and can optionally be enhanced with a camera control. This is used to monitor the quality level of the product at process speed. In addition, the MOF can be expanded to meet customer-specific requirements. With an extensive range of accessories, TAMPOPRINT relies on special systems

that allow individual customer solutions and are perfectly matched to the respective application. For example, with its fully automatic sorting, feeding and discharge components, the MOF-PROMO HP achieves the performance data of a high-speed automation.

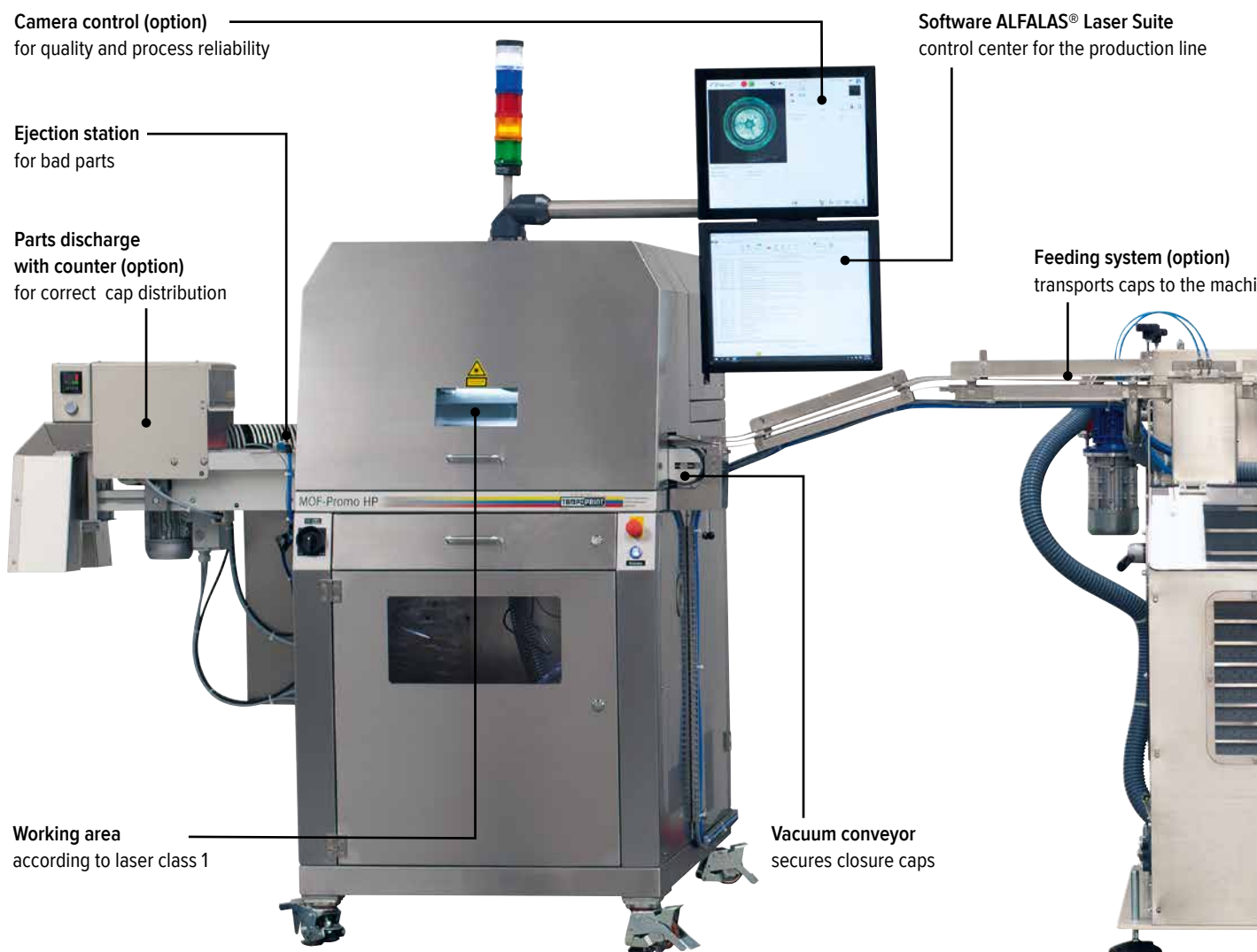
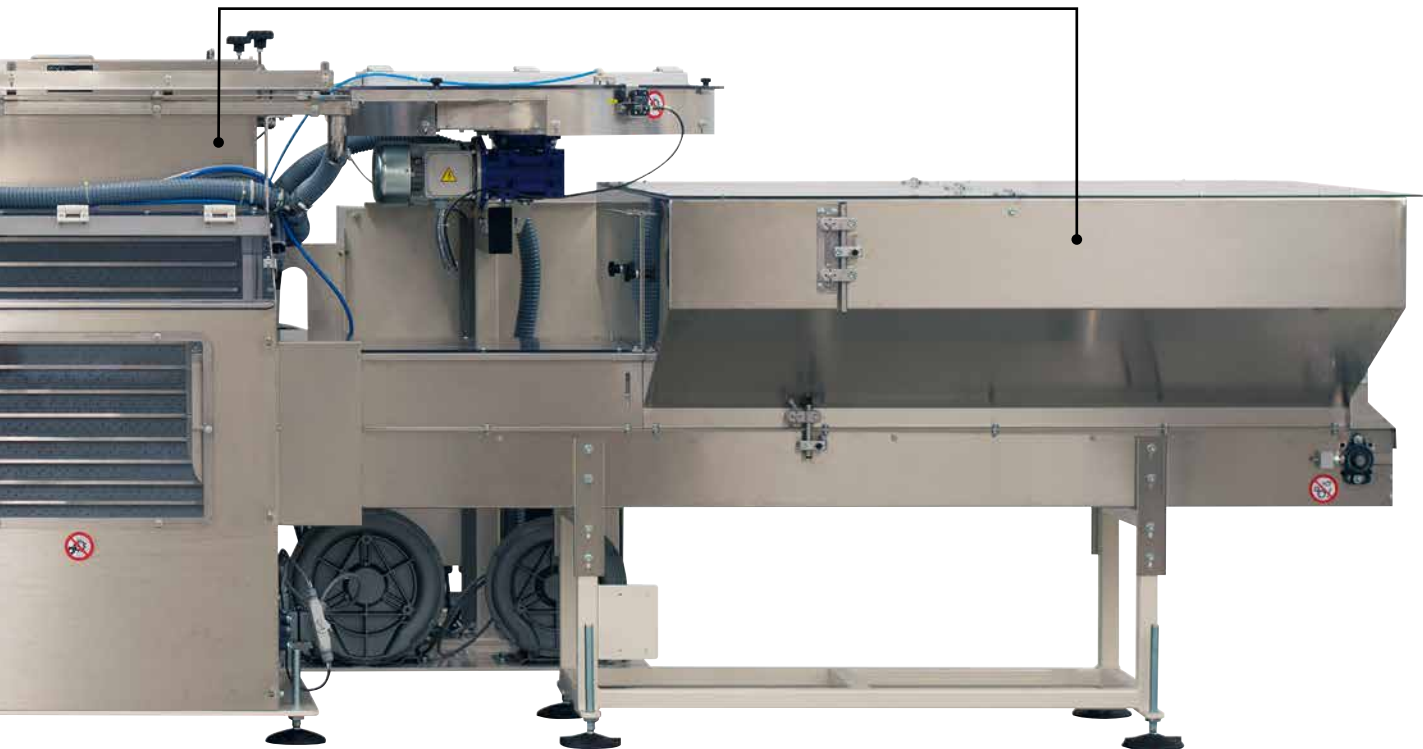


Illustration: Application example MOF-PROMO HP 200 for closure cap marking

The determination of the actual output capacity of the MOF series depends on several factors. The marking speed is determined by the marking size, the product shape, product color and material properties. To find the perfect laser solution for an application, tests are carried out with customer-specific parts. The laser application technology

department at TAMPOPRINT supports customers in advance with process studies and determines the right laser solution to meet your specific application. Based on the reference samples produced, realistic statements about performance and quality are made.

Sorting elevator and hopper (option)
for damage-free movement and storage of the closure caps



MOF Series



MOF-PROMO HP – Application for the beverage industry
Versatile and individual laser marking on many different materials
(e.g. QR codes, alphanumeric and symbolic labeling)

Laser Systems

MOF Series

MOF application
on metal in combination with pad printing



MOF application for the med-tech industry
on plastic or glass



MOF application for the household appliance industry
on plastic



MOF application for the food industry
on plastic

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All locations are certified ISO 9001:2015

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