

Innovation: Integration module for laser plastic welding

We bring our laser process know-how into your equipment!

With the GEFASOFT laser process module, you benefit from GEFASOFT's long experience in the technology of laser plastic welding and marking.



The **GEFASOFT integration module** for your project- and customer-specific solution:

- Servomotoric press with force & distance monitoring
- HMI (interface on customer equipment - optional)
- Foot console adaptable to your transport system
- Including integrated laser shutter
- Product-specific upper mask ("quick-change"), lower workpiece carrier on request

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Laser λ	Application-specific
Laser Power	150 or 300 W (further on demand)
Laser processing area	[LxW] max. 180 x 180 mm
Product dimensions	[LxWxH] max. 200x200x100 mm (further on demand)
Interface	<ul style="list-style-type: none"> • PROFINET • MES communication: ask for more details
Options	<ul style="list-style-type: none"> • Coded welding mask • Camera for remote maintenance or live image • Automatic power measurement • External extraction system
Module Dimension	[LxWxH] approx. 400x600x900 mm (without adapted feed)
Control cabinet	[LxWxH] approx. 600x900x2000 mm

How do you benefit?

GEFASOFT can support you with design consulting for your product design, preliminary trials and test series, as well as validation of the processes and MES integration. Further GEFASOFT offers project adapted laser system concept and on request also the project responsibility.

If you are interested in new process technology or if you have any unanswered questions, just contact us!

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