

Add Modules to Customize Trotec Systems

→ Laser marking of long and oversized parts



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Customization options for Trotec laser systems
Based on all standard laser workstations
Special solutions for your requirements

→ Special solutions for your requirements

Laser lettering of pipes, profiles and other long parts

Common customer requirements

- Laser marking of very long parts (such as pipes, profiles, or bar stocks)
- Marking area does not have to be large (products are often marked on the beginning or end).
- Applications in which laser class 2 has to be guaranteed
- Marking of variable data from external systems such as SAP
- Large quantities – easy loading and unloading while marking

Trotec concepts and solutions

- Custom-built laser systems based on our standard workstations
- Mobile, flexible laser marking station with SpeedMarker 300 that can be used portably
- Custom configured system based on the SpeedMarker 700 for laser labeling long parts, with automated feeder on both sides and closed supply and discharge openings. One advantage of this type of configuration is that parts can be marked at any position of the component, and feeders can be alternately loaded to increase throughput
- Standard SpeedMarker 1300 workstation, can also be adapted with automated feeders to accommodate for long parts
- Extra-wide laser workstation with a displaceable X- and Z-axis (even Y-axis possible)
- SpeedMark laser marking software that has been developed to fulfill all requirements for an automated marking process (eg. Systems integration, individual programmable, automated program sequences, or operator desktop)



Flexible solution with SpeedMarker 300



Custom configured system based on SpeedMarker 700



Extra-wide laser workstation

These concepts can also be applied for many other work pieces.

→ Technical data

Marking area:	up to 1120 x 635 mm, depending on workstation
Part size and weight:	depending on requirements and workstation, 4000 mm and larger
Materials:	metals, plastics
Laser source:	fiber laser
Laser power / focal length:	10 – 50 Watts / F-100, F-160, F-254, F-330, F-420
Laser class:	class 2
Serial product as basis:	SpeedMarker 300, 700 or 1300
Special features:	Different possibilities for laser lettering long and oversized parts. Depending on the requirements we can realize the perfect solution for our customers.