

Add Modules to Customize Trotec Systems

→ SpeedMarker 1300 with palette feeding for marking heavy parts



www.trotec-marking.com



Laser mark heavy parts more easily
Easy loading outside of the safety housing
Position-operated multi-axis (x-y-z) system



Laser marking of heavy parts

Large laser workstation with palette feeding and high safety door

Customer requirements

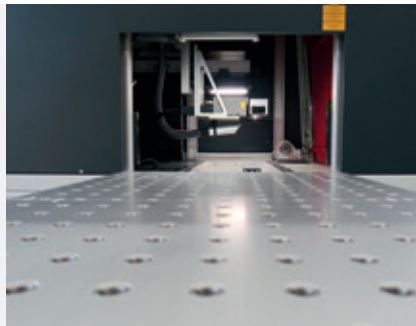
- Laser mark large and heavy parts up to 100 kg
- Easily load parts with handling system or crane
- Automate laser marking process with laser class 2
- Option to laser mark many small metal or plastic parts

Trotec concept and solution

- Large laser workstation on SpeedMarker 1300 base model with additional palette feeding
- Palette feeding with handling system or crane loading
- Palettes with breadboard and coordinated identification for exact positioning
- Automatically closing side partition
- Wide and large safety door opening for manual loading and ideal accessibility
- Fiber laser with galvo head and additional 3-axis-system (x- y- and z-axis)
- Program-controlled automated laser marking process



Laser workstation with palette loading



Inside view



Alternative model with manual palette loading

This concept can also be applied for many other work pieces.



Technical data

Marking area:	Max. 1120 x 635 mm, palette size: 1000 x 600 mm
Part size and weight:	height max. 350 mm, up to 100 kg
Materials:	Metals, plastics
Laser source:	Fiber laser
Laser power / focal length:	20 Watt / F-160
Laser class:	class 2
Serial product as base:	SpeedMarker 1300
Special features:	Palette loading with automatically closing side partition, 3 positioning axes

The technical data pertain to this custom built machine. Other marking areas, laser powers or focal lengths are available.

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