

Add Modules to Customize Trotec Systems

→ SpeedMarker 1300 with numerical controlled exchange tables



www.trotec-marking.com



Load and laser mark work pieces at the same time
Automate laser marking process
Wide loading area for large parts

→ Loading and laser marking at the same time

Large laser workstation with two position controlled exchange tables

Customer requirements

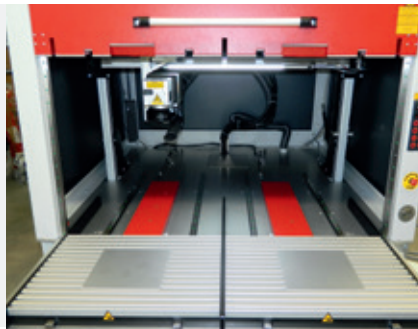
- Load and unload while laser marking
- Mark spindles with lengths up to 800 mm on the face side
- Automate laser marking process in laser class 2
- Option to laser mark large work pieces
- Reduce cycle times and improve performance

Trotec concept and solution

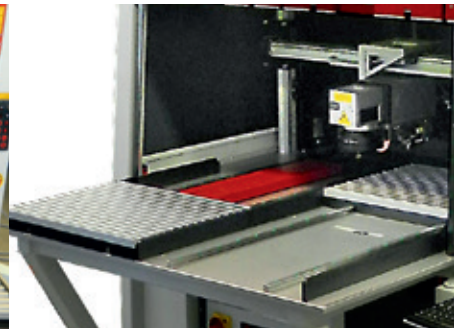
- Large laser workstation SpeedMarker 1300 with exchange tables
- 2 y-tables for loading and marking alternately
- Wide loading area for large work pieces
- Large, wide safety door opening for high components and ideal accessibility
- Fiber laser with galvo head and additional 2-axis system (x- and z-axes)
- Rotating laser marking head for face side marking of long parts



Complete laser workstation



Large loading area



Alternating moving tables

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

→ Technical data

| | |
|------------------------------------|---|
| Marking area: | Max. 1120 x 635 mm, table size: 500 x 375 mm |
| Part size and weight: | Max. 450 x 450 mm, up to 50 kg |
| Materials: | Metals, plastics |
| Laser source: | Fiber laser |
| Laser power / focal length: | 20 Watt / F-254 |
| Laser class: | class 2 |
| Serial product as base: | SpeedMarker 1300 |
| Special features: | 2 position controlled y-tables that can move alternately or synchronous |

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