



LASER MARKING STATION

- Cell for automatic marking by laser
- efficient processing and quality control
- many individualization options for various applications
- loading and unloading can be done automatically as well as manually



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CUSTOMER BENEFIT: FLEXIBLE ADAPTATION TO DIFFERENT REQUIREMENTS

For marking the parts, the holder of the laser cell is loaded by a worker. After actuation of the switch, the rotary indexing table rotates and laser marking begins. The decoupling of placement and laser ensures efficient processing of the parts to be marked. The worker is protected from the laser beams by a partition wall. The marking process is observed through a viewing window made of laser protection glass. The laser cell is equipped with an PC with a robust stainless steel keyboard, which enables convenient and intuitive operation via a user interface.

The laser cell can be flexibly adapted to different requirements, so that laser marking can be performed on a wide range of products. An integration of the laser cell into automation systems with automatic placement and removal is possible.

TECHNICAL DATA:

1. size: h: 2000 mm
w: 1000 mm
l: 1240 mm
2. z-axis with a travel of 100 mm
3. rotary indexing table with turntable (diameter: 800 mm)
4. light curtain (to protect the worker)
5. Illumination of the laser area and the input area
6. Enclosure according to laser protection class 1
7. Safety circuits with automatic shutdown of the laser when opened
8. Control cabinet air conditioning (optional)
9. Industrial PC (fanless, dust protected)
10. Exhaustion of the gases generated during the laser process
11. Easy adjustment of the focus by means of 2-point laser (Focus Finder)
12. many further equipment variants (e.g.: conveyor belt, magazines etc.)

