



LSM 1500

Professional
high volume laser marking system

High volume laser LSM 1500

The new LSM 1500 high volume marking laser of TFT is a universally applicable laser marking system with spacious working area.

Due to the integrated X-Y-Z-axis-System all positions within the large working area can be accessed. The spacious base plate with thread holes allows the easy introduction of devices of all sorts. Removable covers at the left, right and back side enable the extension of cabin enlargements or bulkhead doors for integration in conveyor systems.

Through the modular expandability the LSM 1500 is perfectly suited for laser marking of equipped pallets as well as heavy and large components.

The herewith used fiber laser is characterized by its high life expectancy. With the easy learnable professional marking software almost all devisable marking tasks will easily be realized.



Range of applications

- Perfectly used for marking of bulky components or the large-scale processing of equipped pallets
- Marking of metals of all sort, plastics, nameplates, etc.
- Laser engraving
- Laser cutting

Options

- Rotary device for circular labeling
- Fully automated nameplate automation
- Turntable loading for mutual assembly (180° swivel)
- Cabin extensions for large parts
- Bulkhead doors for automated use in the chain
- Automated roboter loading
- Exhaust system



Technical data

Laser class	1
Marking area	X=540+180 Y=220+180 Z=500
Clamping area	approx. 1000x800 mm
Power	30 W / 50 W optional
Wave length	1.060 – 1.085 nm
Pulse frequency	20 - 80 kHz
Operating temperature	0 - 40°C
Cooling	fan
Dimensions (W/D/H)	1000/1200/2000 mm

Basic equipment

- Programmable X/Y/Z traversing axis system
- Laser source with 2-axis-deflection unit and control card
- USB connection
- Network-compatible
- Indicator light "Laser active"
- Key switch for activating of laser
- Incl. connection for extraction
- Integrated PC with pre-installed marking software
- Spacious cabin of laser class 1
- Viewing window with laser protection glass
- Pilot laser for easy setting of layouts
- Automatic access door with safety switch
- Clamping table as burnished steel plate with thread holes

