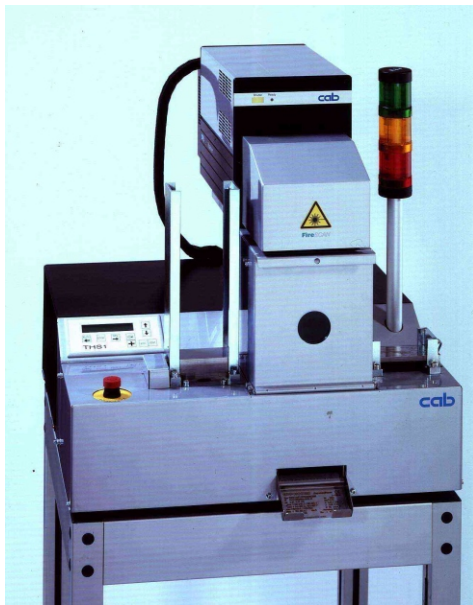


# Product Data Sheet

## PI-5523500 –Laser Typeplate Marker



### Technical Description:

The cab laser typeplate marker transports and marks flat and inflexible workpieces with a thickness of up to 3 mm. Maximum size of the type plate is limited to 100 x 50 mm. The laser marker is most suitable for marking materials like aluminum, steel, copper, glass or plastics. The workpieces are conveyed in a fully automatic manner from the input magazine to the marking area and from there to an output magazine. If different sizes of workpieces are marked the magazines and slide-in unit must be interchanged. The logical order of the typeplates is kept during transport. Individual orders may be worked off and ejected in a separate output device. The handling system is controlled by an integrated Siemens S7 PLC. All transport and marking functions are controlled from the PLC operator control panel with integral digital display. The system requires a 5 bar compressed air supply. The laser's operational status is indicated by an indicator light. A separate machine table may be supplied, if required. cab recommends the use of a fume extractor during laser marking of materials that emit particles and contaminants.

### Technical Features:

- Laser safety housing meets to laser protection class 1 specification
- Laser Source: DPL Magic Marker Nd:YAG L1-163-P (resolution 725 dpi / marking area 110x110 mm)
- Maximum size of type plate Width x Length: 100 x 50 mm
- Minimum thickness of typeplate: 0.5 mm
- Maximum thickness of typeplate: 3 mm
- For inflexible materials, like for example aluminum, steel, glass, plastics, and so on
- Maximum height of input and output stack: 250 mm
- Cycle time for transport of workpiece: 4 sec.
- Output device to eject workpieces for individual orders
- Transport speed : 100 mm/sec
- FIFO (first in first out) transport
- Integrated Siemens S7 PLC controls typeplate transport
- Operator control panel with clear text display
- Integrated piping D=30 mm with conical flange for connection to an external fume extractor
- Indicator light to show laser operational status
- Safety controlled set-up door
- Round 40 mm laser safety inspection window eliminates Nd:YAG 1064 nm laser reflections
- Compressed air supply requires 5 bar pressure supplied to an industry a standard connector
- Compressed air supply is monitored
- Main switch for laser and laser safety housing on rear panel
- Integrated switched socket to connect external accessories
- Wide range power supply input to connect the system to different voltage supplies
- Power cable with European plug
- Steel housing colour-coated in silver grey
- Rubber machine mounting pads with height adjustment
- 12 months warranty

### Options:

- External fume extractor with activated-carbon filter and variable suction control
- Accessories to control air flow (f.e. injectors, hose, a.s.o.)
- Machine table out of aluminum profiles
- Power cable with plug USA / U.K.
- Colour coordinated to customer's requirement

### Technical data:

- |                                       |  |
|---------------------------------------|--|
| ▪ Description:.....                   | <i>Laser Typeplate Marker</i>                  |
| ▪ Article no.:.....                   | <i>5523500</i>                                 |
| ▪ Dimension without/with laser :..... | <i>680 x 430 x 690 mm / 680 x 430 x 690 mm</i> |
| ▪ Weight without /with laser:.....    | <i>36 kg / 56 kg</i>                           |
| ▪ Power supply:.....                  | <i>85-240 Volt 50/60 Hz</i>                    |
| ▪ Power consumption:.....             | <i>Max. 400 Watt</i>                           |
| ▪ Tare weight:.....                   | <i>41 kg</i>                                   |