FLEX VARIO
LASER MARKING SYSTEM

MINELLI®
The FLEXVARIO machine concept

Flexible and reliable

The FLEXVARIO laser marking system has been consistently designed to meet today's and future requirements for the industrial marking of series parts. The system adapts flexibly and reliably to changing batch sizes.

The FLEXVARIO system can be easily integrated into various production processes in the tool and machine industry, in the automotive and aerospace sectors, and in the medical device manufacturing.

Expandable automation modules

The automated parts feed-in via pallet system, individual handling robots and individual conveyor belt system can be added at a later date. This facilitates the reliable production of high unit numbers and labelling of several surfaces on the same part without requiring time-consuming re-positioning.

The FLEXVARIO labelling system decreases unit costs and increases the profitability of the production process.

State-of-the-art technology

MINELLI develops, constructs and installs application-specific laser systems for reliable industrial marking and engraving.

We exclusively use high-quality laser jet sources made by leading global manufacturers for our systems.

High-performance Yb:fibre laser

- Output from 10-100W
- Constant wave and/or pulse
- Integrated focus finder
- Air-cooled
- Maintenance-free
- Long service life

Industrial marking and engraving

Highlights

- Compact and stable construction
- Heavy parts can be loaded from the top
- Programmable X/Y and Z axis
- 1000x600mm usable work surface
- 700x400mm cabin opening on the side
- Max. workpiece height 450mm
- Operating panel with 15" flat screen
- Easy programming
- 400V/32A/50Hz connection

Optional

- Fully automated parts feed-in
- 6-axis handling robots
- Individual conveyor belt systems
- Programmable rotation axis
- Camera system
- Extraction unit
Swiss laser marking system

Door from the side for loading from the top

Automated conveyer belt system. Marking „On the fly“

Powerful - robust - modular - economical
Service and product support

We remain a reliable and non-compromising partner for our customers even after the sale. Our service support is comprehensive and covers all areas. Our service engineers can reach our customers all over Switzerland and in the neighbouring countries in a short space of time.

Our trained and motivated development, production, consulting and service teams provide you with non-compromising support.

Our system support includes:

1. Intensive product training
2. Support hotline
3. Remote maintenance
4. On-site service
5. Application support

Customer specific solutions

We are a competent and reliable technology partner for the industry. Production optimisation automation and customer-specific special machine construction are amongst our core competences.

When you purchase our machines, you also receive comprehensive and professional engineering support. We aim to provide you, the user, with the best possible customer benefits at the lowest possible price.

Financing offers

Investment goods leasing is an attractive financing solution. We provide industrial customers with advantageous financing with parallel use. Together with our leasing partners, we look forward to preparing an individual leasing quote tailored to your requirements for your laser marking project.