

# Vario compact

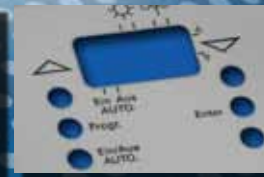
## Laser marking machine

Particularly for the integration of the fiber lasers DP10F up to DP50F the Vario series was extended by a compact model. The Vario compact line with 2 versions S and RD makes it possible to perform an industrial laser marking on a small space.



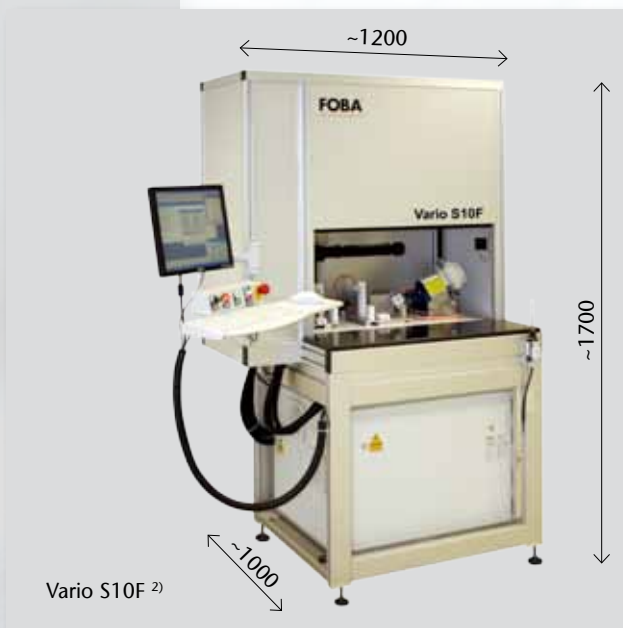
### Advantages

- Compact design
- Air cooled laser system
- Software-controlled Z-axis
- Single-phase mains connection



# Vario compact

## Laser marking machine



Vario S10F <sup>2)</sup>



Vario RD20F <sup>2)</sup>

### Working area

with fixed worktable

Vario S pneumatic lifting door

with rotating table d=600 mm

Vario RD turning bulkhead wall

Special types

### Basic module

Laser system

DP10F, DP20F, DP30F, DP50F

Laser properties

see data sheet basic system

Machine body

Aluminium profiles

Components

Z-axis (with step motor) for height adjustment

1 axis step motor control

Operating and display units

### Control

PC

CompactPCI-PC

Operating system

MS Windows XP

Laser control

FOBAGRAF with import functions of plt/ dwg/ dxf/ ai/ jpg/ tif/ pcx/ bmp ... serial, digital I/O, Ethernet, USB

Interfaces

Machine control

### Options

Pointer

Adjustment aid

Scan head

Changeable lens

100 mm/ 163 mm/ 254 mm/ 420 mm

Rotating table

d=680 mm

Suction filter

### Installation

The way the unit is set up depends on the design of the working area and the integrated laser system.

Electrical

1/N/PE, AC 230 V, ± 10%, 50/60 Hz

Power consumption

0.7 - 1.5 kVA <sup>1)</sup>

Cooling

Air

Temperature

15 - 40 °C

Humidity

90 % (up to max. 20 °C)

30 % (up to max. 40 °C)

non-condensing

Weight

250 - 300 kg <sup>1)</sup>

Degree of protection

Machine IP54

Monitor, keyboard and mouse IP 20

Safety

Laser class 1

<sup>1)</sup> depends on the design of the working area

<sup>2)</sup> Figure with options

**FOBA**<sup>®</sup>

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