

Vario compact

Laser marking machine

Particularly for the integration of the fiber lasers DP10F and DP20F the Vario series was extended by a compact model. The Vario compact line with 3 versions S, R and RD makes it possible to perform an industrial laser marking on a small space.



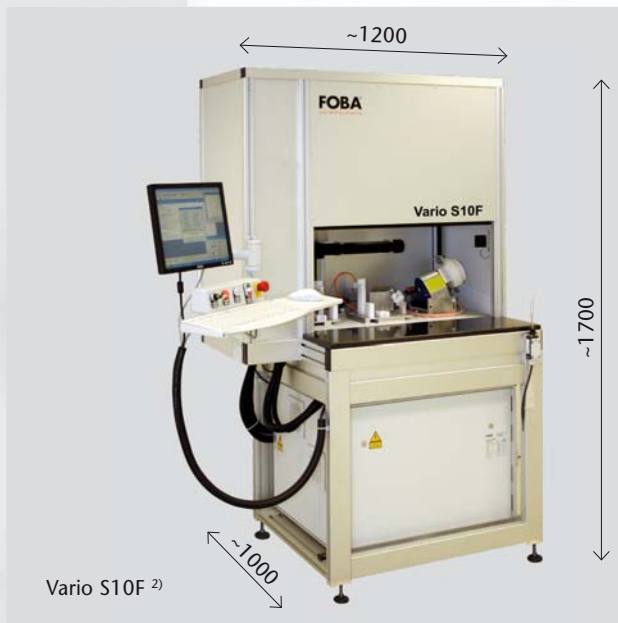
Advantages

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



Vario compact

Laser marking machine



Vario S10F ²⁾



Vario RD20F ²⁾

Working area

with fixed worktable

Vario S pneumatic lifting door

with rotating table

Vario R d=600 mm

Vario RD

pneumatic lifting door

Special types

turning bulkhead wall

Basic module

Laser system

DP10F, DP20F

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 ...

Interfaces

serial, digital I/O, Ethernet, USB

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 ¹⁾

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 ¹⁾

Degree of protection

Machine IP54

Monitor, keyboard and mouse IP 20

Safety

Laser class 1

¹⁾ depends on the design of the working area

²⁾ Figure with options

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