

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.



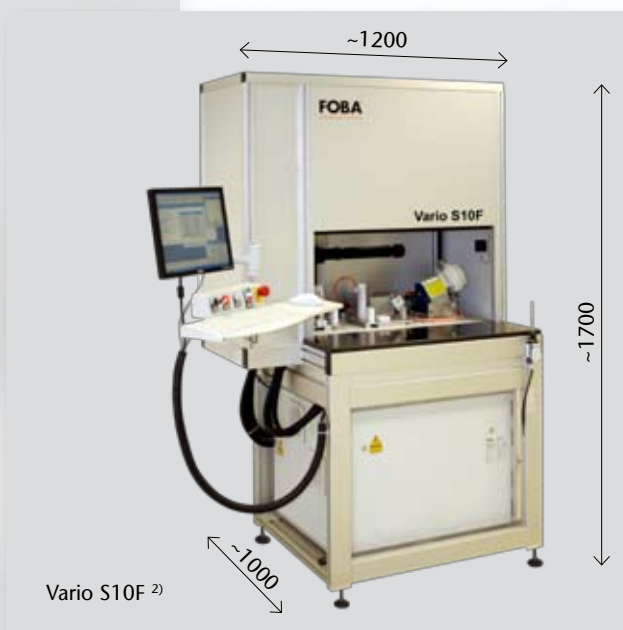
Advantages

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



Vario compact

Laser marking machine



Working area

with fixed worktable

Vario S pneumatic lifting door
d=600 mm

with rotating table

Vario R pneumatic lifting door
Vario RD turning bulkhead wall

Special types

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

FOBA[®]

Laser Marking + Engraving

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