

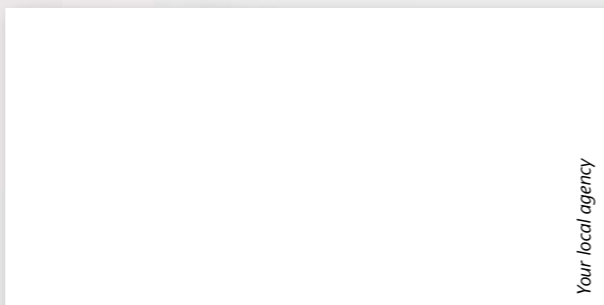
- Vision Systems / IMP
 - Automatic position recognition and laser marking
 - General Mark Inspection
 - Optical Character Verification (OCV)



- Material handling systems
- Rotary tables
- Front or side loading
- Cell concepts (e.g. work-piece holder transport system)
- Double-head systems
- Additional axes
- Customized software



Current information is available as a pdf file under
www.foba.de > service > download



Laser



Systems

Basic systems

CO₂ laser

- Water-cooled
 - 30 Watt
- Air-cooled
 - 30 Watt



Yb laser

- Fiber laser
 - 9 Watt
 - 18 Watt
 - 27 Watt
 - 48 Watt



Nd:YVO₄ laser

- End-pumped
 - 10 Watt
 - 16 Watt
 - 20 Watt



Nd:YAG laser

- Lamp-pumped
 - 100 Watt
- Diode-pumped
 - 50 Watt



Nd:YVO₄ laser

- Diode-pumped UV 355 nm
 - 2 Watt



Protection housing

- Table version fiberhome
 - for DP10F/DP20F
- Version NG
 - for all basic systems



Options

- Interchangeable lenses
- Fume extractors
- CAD software
- Additional axes
- 19" mounting rack
- 532 nm (SHG) for 550/100 Watt systems

Marking systems

Vario S compact

With fixed worktable and pneumatic lifting door



Vario R compact

With rotating table and pneumatic lifting door



Vario RD compact

With rotating table and turning bulkhead wall



Vario S

With fixed worktable and pneumatic lifting door



Version:
Side-loading

Vario R

With rotating table and pneumatic lifting door



Version:
Side-loading

Vario RD

With rotating table and turning bulkhead wall



Version:
Front-loading

Options

- Interchangeable lenses
- Fume extractors
- CAD software
- Z-axis extension

Engraving machines

G5

- For workpieces up to 200 kg
- Expandable to 5 axes
- With automatically height-adjustable laser head



Version:
Pneumatic lifting door



Version:
Manually-operated protection doors



Version:
Rotary table

G10

- For workpieces up to 100 kg
- Expandable to 5 axes
- With automatically height-adjustable laser head



GP9000

- Largest and most powerful machine in the G-series
- Expandable to 5 axes
- For workpieces up to 400 kg



Options

- Cylinder engraving unit
- Turn-swivel unit
- Laser distance sensor
- 3D touch probe
- Tactile probe
- QuickText (texture software)
- 3D Depth control