

FIAB

The difference matters



Product information:

FIAB 1400

HF-welding machine with 360° rotating head



High flexibility through 360°
rotating head



Features:

- Stationary or movable on rails
- From 13 up to 26 kW (more output upon customer request)
- Toolholder / electrode length: 1000 – 2000 mm
- Settings / recipes can be stored
- Table unit with or without vacuum system
- 360° rotating head

Estimated worldwide by manufacturers of large structures

FIAB



More product information at
www.fiabmachines.com



FIAB HF welding machines are particularly user-friendly. By using the proven SIEMENS S7 300 and Siemens touch panels, operating our machinery becomes easy and secure

without the need of time consuming training. An intelligent, menu-guided user interface is ready to serve our customers in multiple languages.



The program settings of our HF welding machines are stored on a Compact Flash Memory Card and can be re-applied for every new welding cycle. The proven „recipes“ for materials and material combinations guarantee a raise in productivity and maintain high quality of welding seams.

Technical data sheet for FIAB 1400

| | |
|---------------------------|-----------------------------------|
| Power consumption at idle | 0,5 - 1,1 kW |
| Max. power consumption | 16 - 42 kW |
| Output power | 8 - 30 kW |
| Fuse | 25 - 100 A |
| Voltage | 3 x 400 V / 50 Hz |
| Operating frequency | 27,12 MHz +/- 0,6% |
| Anti-flash protection | FIAB Security System |
| Rectifier | silicon diode |
| Cooling system | Oil / Air |
| Air pressure | 6 bar |
| Tool holder | pneumatic, self leveling |
| Tool exchange | without tools |
| Tool length | 700 mm - 1700 mm |
| Stroke, adjustable | up to 100 mm |
| Control system | SIEMENS S7 300 |
| Touch panel | SIEMENS SIMATIC MP 277 |
| Control | manual, semi- and fully automatic |
| Settings storage | Compact Flash Memory Card |
| Design | movable on rails |
| Drive | 3 HP motor |
| Weight without table | approx. 650 kg |
| Table weight per meter | approx. 50 kg |
| Max. performance | 25 m / min. |

Mistakes, typographical errors and technical changes reserved. Pictures may vary from products.

Accessories / options:

- Customized tools
- Material supply system
- Welding table with track system
- 360° rotating machine head
- Foot pedal control (only in conjunction with stationary version)
- Impulse welding electrode
- Energy saving program FIAB E/C
- Internet connection (WLAN)
- Lighting system
- Laser alignment system
- Tape dispenser
- Obstacle detection with collision guard (in conjunction with the track & table system)
- Remote control
- Cutting unit
- FIAB Q-System

More options and adaptations matching your specific needs are possible. Do not hesitate to contact us.



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