

ALFIN 170 TIG HF

ALFIN 200 TIG HF

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ALFIN 170 TIG HF and ALFIN 200 TIG HF

are welding machines, which are ideal tool in hands of each professional. Especially very easy and user-friendly setting up of all functions and parameters in a wide-range represents an invaluable contribution brought by these sophisticated devices to each modern operation. ALFIN 170, 200 TIG HF abide by the philosophy of keeping the maximum utility value at the highly favorable price level.

FUNCTION

ALFIN 170 TIG HF a 200 TIG HF machines with their features are designed especially for TIG method welding. A number of use-full functions allow effective use:

- Pre gas
- SLOPE UP
- Second current - Bilevel function
- Fully adjustable pulse welding
- SLOPE DOWN
- End current
- Post gas
- High frequency ignition
- Two stroke or for stroke control
- HOLD function

For MMA welding are equipped with **HOT START**, **ARC FORCE** and **ANTISTICK** functions.

PROTECTION

ALFIN line machines are equipped with modern integrated overvoltage protection. An indispensable part of the protective equipment is a thermal sensor, which protects the power section of the machine against overheating.

ACCESSORIES

A number of accessories are available for ALFIN 170 TIG HF a 200 TIG HF machines, such as welding cables, remote control, welding torches, trolley, assembly set etc. Is possible to use cooling unit for watter cooled welding torches.

Together with the machine the customer acquires high standard services and full technical support of ALFA IN company.

Technical data



Type machines	Alfin 170 TIG HF	Alfin 200 TIG HF	Technical equipment	Alfin 170 TIG HF	Alfin 200 TIG HF
Mains voltage	1x230V	3x400V	Pre Gas	100 ms	100 ms
	~ ±15% / 50-60Hz		Slope Up [s]	0-25	0-15
Mains protection	16A	16A	Second current (Bilevel) [A]	10-160	10-200
Efficiency	0,85		Base current [%Iw]	10-90%	10-90%
Welding current	5-140/170A	5-200A	„Slow pulsed welding”		
Duty cycle 100%	120A	130A	- setting of the ower current” width [s]	0,1-2,0	0,1-2,0
Duty cycle 40%	170A (TIG)	200A	“Quick pulsed welding”		
Duty cycle 50%	140A (MMA)		- setting of the freq. [Hz]	0,5-250	0,5-250
Input power x=100%	5,0/3,4kVA (MMA/TIG)	6,2kVA	Slope Down [s]	0-25	0-25
Input power x=40%	6,3/5,1kVA	10kVA	End current [A]	5-170	5-200
Max.sítový proud (špič. hodn.)	27,8A	14,5A	Post Gas [s]	0-25	0-25
Open circuit voltage	MMA 65V TIG 15V		HF or LiftArc ignition	HF/LA	HF/LA
Insulation class	H		Operation	2stroke/4stroke	2stroke/4stroke
Protection class	IP23		Remote control	yes	yes
Standards	EN 60974-1 / EN 50199		Hold function	yes	yes
Dimensions	160 x 400 x 260mm		Possibility of power generator (kVA)	6	9
Weight	10kg	10,5kg			

ALFA IN a.s.

Nova Ves 74,
675 21 Okriský, Czech republic
www.alfain.com
info@alfain.com
tel.: +420 568 840 009
fax: +420 568 840 966



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