

TIG inverter**CRAFT-TIG PRO 201 AC/DC P Pulse**

Welding equipment for the highest demands, always the right wave for your task

Article number

1364212

Brand

Craftweld



AC/DC technology



Multivoltage



Suitable for generators



High-frequency ignition



Power factor correction

☒ Ordering: from 1 units

**Description**

- Lightweight, portable TIG AC/DC welding machine - ideal for mobile use
- Can also be used as a stationary workshop device with 60% ED at 200A
- Intelligent ignition management with synergy characteristics ensures consistently good ignition behavior even in AC mode
- Stable arc already from 3A in DC mode
- PFC control ensures even current consumption and maximum efficiency
- Extremely simple operation via high-resolution color display with graphic illustration of the welding curve and setting options
- Arc selection, adjustable balance and frequency in AC mode - welding characteristics can be adapted to the respective requirements
- Spot function
- Program memory with 10 memory locations

- Supports wireless foot pedal and remote control

Delivery content

- Earth cable 25 mm² 4 m with 300 A terminal
- TIG torch SR26, 4 m up/down function
- Gas hose 4 m
- Large pressure reducer

Technical data

Dimensions and weights

Length (product) approx.	545.5 mm
Width/depth (product) approx.	190 mm
Height (product) approx.	360 mm
Net weight approx.	15.4 kg

Duty cycle

Duty cycle at I _{max} . 40°C TIG DC	60 %
Duty cycle at max. current 40°C Electrode	35 %
Current at 100% DC 40°C TIG DC	110 A
Current at ED 100% 40°C Electrode	110 A

Setting range

Setting range TIG	10 – 200 A
Setting range electrode	10 – 200 A

Electrical Data

Supply voltage	110/230 V
Phase(s)	1 Ph
Current type	AC
Mains frequency	50/60 Hz
Power factor	0.99 cos phi
Total output	7.1/4.9 kVA
Input current TIG AC	20.9 A
Input current TIG DC	21.4 A
Input current electrode AC	28.7 A
Input current electrode DC	30.9 A

Device data

Operating temperature	-10 – 40 °C
Pulse rate	0.5 - 999 Hz
Ignition	high frequency
Torch cooling	gas

Input

Power consumption TIG	4.8 kVA
Power consumption electrode	7 kVA
Efficiency	83.37 %

Manufacturer infos

Manufacturer	Stürmer Maschinen GmbH
Address	Dr.-Robert-Pfleger-Str. 26, 96103 Hallstadt, Germany
E-Mail	info@stuermer-maschinen.de

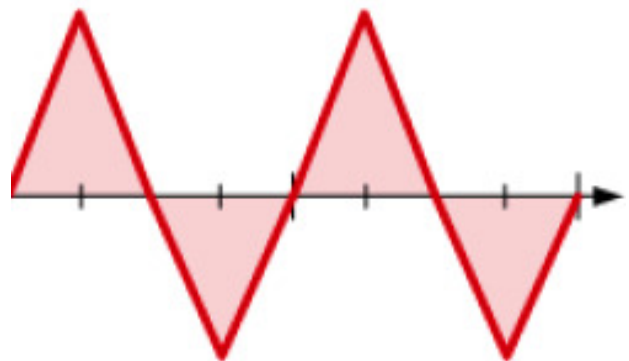
Standards and certifications

Standard	EN 60974-1:2012, EN 60974-10:2014
Degree of protection	IP21S
Insulation class	H
EMC class	A
Explanation EMC class	This Class A welding equipment is not intended for use in residential areas where power is supplied by a public low-voltage power supply system.

Electrical connections

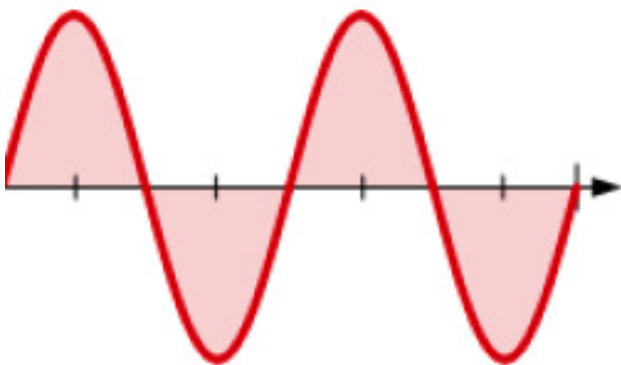
Required generator output	>9 kVA
Mains plug	16 A
Open circuit voltage	TIG AC/DC 66.3, MMC AC/DC 66.9/67 V
Connection cable length	4 m
Power consumption in idle mode	< 50 W

Media informations



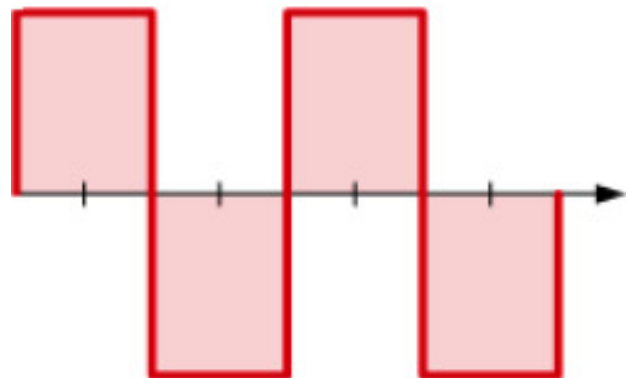
AC delta wave welding output

- Reduced heat input for the same current setting
- Especially useful for welding thin metal



AC sine wave welding output

- Traditional AC TIG welding waveform
- Quieter, "soft" arc characteristics



AC square wave

- Focused arc for maximum penetration
- Fast welding speed with best directional control



Selector button TIG HF, Lift-Arc and MMA
 AC / DC
 Mode 2T/4T and points
 Pulse function
 Job memory
 Parameter setting: gas lead time, start current,
 current rise time
 Selector switch welding current
 Parameter setting: current decrease time, end cur-
 rent, gas follow-up time
 Water cooling
 Tungsten electrode setting
 Used for AC welding, setting balance and
 frequency



Equipment

Equipment

Power factor correction	✓
Process MMA	✓
Process TIG pulsing	✓
LC display	4 "
Single Spot	✓
Multi Spot	✓
Water cooling connection	✓

Shipping informations

Packaging Metrics		Weights		Delivery		Other	
Length	610 mm	Net	13,2 kg	Delivery	Carrier	DualUse	Nein
Width	360 mm	Gross	n/a kg	Content	1 undefined	SCIP	
Height	450 mm					SVHC	Nein

Manufacturer

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