

Portable TIG AC/DC inverter

CRAFT-TIG 201 AC/DC P PULSE

For workshop and mobile use

Article number ▼

1074202

Brand ▼

Schweisskraft

Availability ▼

In stock

Immediate delivery

Catalog directory ▼

Welding technology » TIG welding machines » TIG inverter CRAFT-TIG

Purchase ▼

Minimum 1 pc(s).



Delivery content ▼

- Gas hose 4 m incl. quick connector
- Torch TIG SR26 4 m with Up/Down function (gas-cooled)
- Pressure reducer
- 3m ground cable 25 mm² with ground clamp

Shipping informations ▼

Packaging Metrics		Weights		Delivery		Other	
Length	630 mm	Gross	21.2 kg	Delivery	Delivery service	DualUse	✗
Width	360 mm	Net	14.5 kg	Content	1 pc(s).	SCIP	n/a
Height	440 mm					SVHC	No

Root data ▼

Country of origin	EAN	Customs Tariff Number	Quantity unit
 China	4036351250173	85153990	pc(s).

Description ▼

- Built with modern inverter technology
- Ideally suited for assembly work due to protection class IP 21S generally also for outdoor work
- Universally applicable for welding of all common electrode types
- TIG pulsing enables welding with reduced heat input
- HF high frequency ignition ignites during TIG welding without touching the workpiece
- Quiet running fans dissipate heat well from the equipment for long duty cycles
- Time controlled fan with stand-by mode
- Adjustable balance
- Precise setting of welding parameters via digital display
- Device equipped with PFC (power factor correction), enables best use even on cable drums
- Optional with water cooling
- Multivoltage from 110 to 230 volts
- Nine programs can be stored
- AC triangle 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, "softer" arc characteristics.
- AC square wave: focused arc for maximum penetration, fast travel speed with best directional control
- MMA mode with hot-start and arc-force control
- Adjustable welding curve

You will receive the 3-year Stürmer warranty for this item when you register online.

Manufacturer

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

Significant Features ▼



High-frequency ignition
 ignites during TIG welding
 without touching the
 workpiece

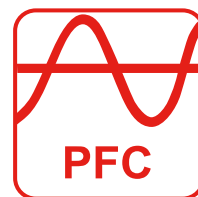


AC/DC technology



Suitable for generators

Suitable for use on the
 generator e.g. in
 operating workshops,
 ports, chemical plants,
 schools, metal
 construction, on
 construction sites, ships
 or for farmers



Power factor correction

for trouble-free use also
 on cable drum



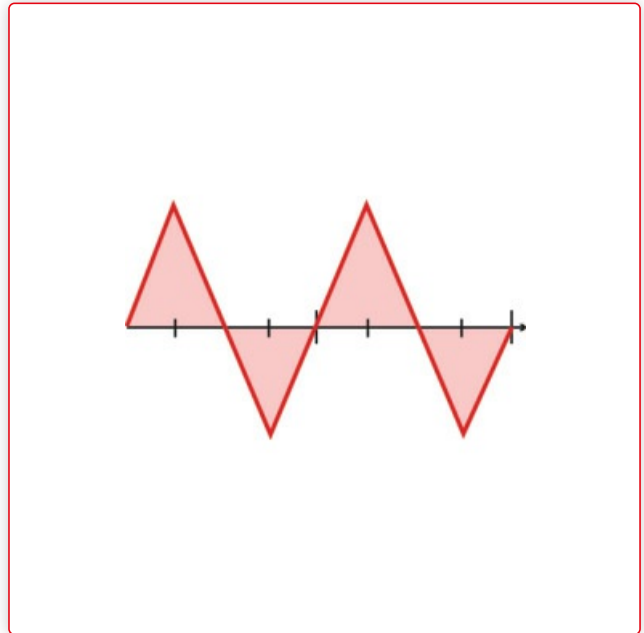
Multivoltage

- Mains voltage from
 110 to 230 volts
 possible
- Use worldwide

Basic features ✓

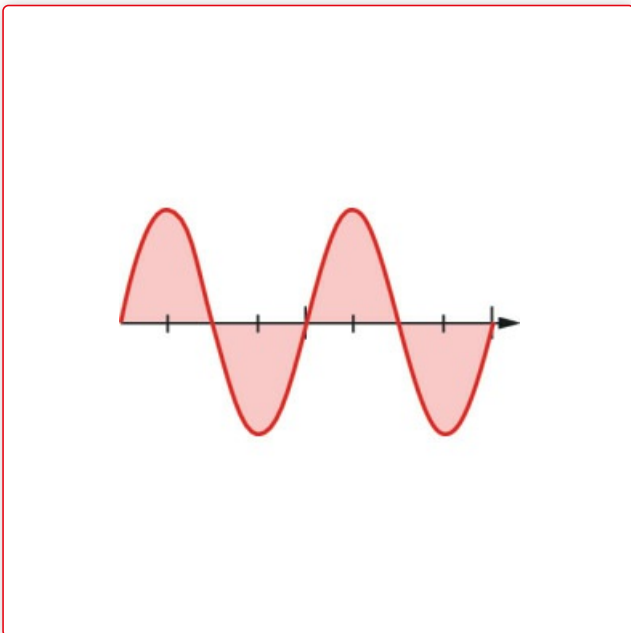
Sheet thicknesses
0.5 – 10

Media informations ✓



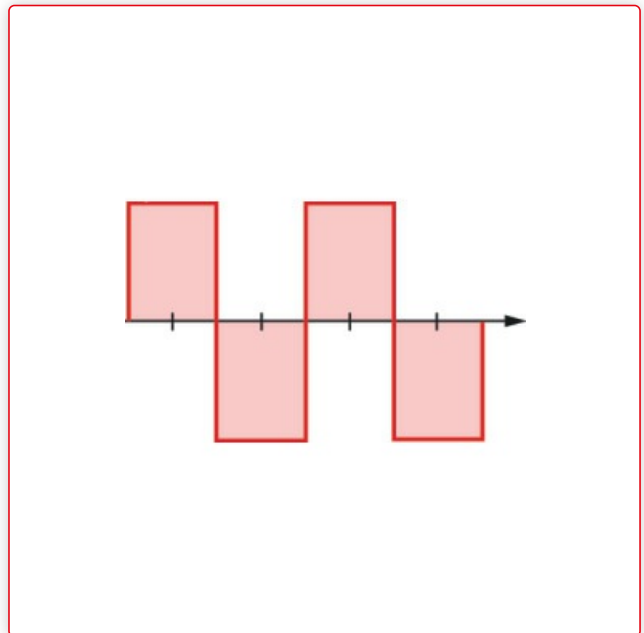
AC delta wave welding output

- 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



1. Parameter selection and setting button
2. Digital display / multifunction display
3. Selection key TIG HF, Lift-Arc and electrode
4. Selection button AC / DC
5. Selection button gas or water cooled
6. TIG 2T/4T mode selection button
7. Electrode display
8. TIG parameter setting

Technical data ▼

Dimensions and weights			
Length (product) approx.	580 mm	Width/depth (product) approx.	190 mm
Height (product) approx.	350 mm	Net weight approx.	14.5 kg
Setting range			
Setting range TIG DC	3 – 200 A	Electrode adjustment range	10 – 200 A
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	155 A	Current at ED 100% 40°C Electrode	120 A
Electrical Data			
Supply voltage	90 – 275 V	Mains frequency	50/60 Hz
Power factor	0.99 cos phi	Current consumption TIG AC	19.2 A
Input current TIG DC	20.5 A	Input current electrode AC	27.5 A
Current consumption electrode DC	30 A		
Electrode			
Weldable electrodes	1.6 – 4.0 mm		
Device data			
Pulse rate	0.5 - 999 Hz	Ignition	High frequency
Torch cooling	Gas / Water		
Standards and certifications			
Standard	EN 60974-1:2012/EN 60974-10:2014	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.		
Input			
Power consumption TIG	4.7 kVA	Power consumption electrode	6.9 kVA
Efficiency	83,37 %		
Electrical connections			
Required generator output	>6.9 kVA	Open circuit voltage	10.4 (MMA), 70 (TIG) V
Connection cable length	2,2 m	Power consumption in idle mode	< 50 W

Equipment ▼

Power factor correction	✓	Process TIG pulsing	✓
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Accessories ▼

	Torch connector SR 26	
Article number ▼	Availability ▼	Purchase ▼
1174020	In stock Immediate delivery	Minimum 1 pc(s).
Price informations ▼		
	Wear parts set VTS SR 17/18/26 Mini	
Article number ▼	Availability ▼	Purchase ▼
1100200	No stock available Information: Next availability Expected on calendar week 52/2025	Minimum 1 Set
Price informations ▼		
	Pressure reducer Argon/CO2, large	
Article number ▼	Availability ▼	Purchase ▼
1700050	In stock Immediate delivery	Minimum 1 pc(s).
Price informations ▼		
	Welding cable complete with electrode holder SK4 / 25 KS13 EH260	
Article number ▼	Availability ▼	Purchase ▼
1250361	In stock Immediate delivery	Minimum 1 pc(s).
Price informations ▼		



Ground cable complete with clamp MK4 / 35 KS13 400A



Article number ▼
1250235

Availability ▼
In stock
Immediate delivery

Purchase ▼
Minimum 1 pc(s).

Price informations ▼



Foot remote control with 5 m connection cable

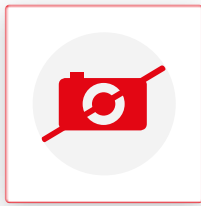


Article number ▼
1174009

Availability ▼
In stock
Immediate delivery

Purchase ▼
Minimum 1 pc(s).

Price informations ▼



Adapter/union nut 1/4" external thread x M12x1 internal thread, conical sealing



Article number ▼
1104001

Availability ▼
In stock
Immediate delivery

Purchase ▼
Minimum 1 pc(s).

Price informations ▼



Handheld remote control wireless



Article number ▼
1174003

Availability ▼
In stock
Immediate delivery

Purchase ▼
Minimum 1 pc(s).

Price informations ▼



Foot remote control wireless



Article number ▼
1174007

Availability ▼
In stock
Immediate delivery

Purchase ▼
Minimum 1 pc(s).

Price informations ▼



Wear parts set VTS SR 17/18/26



Article number ▼
1100152

Availability ▼
In stock
Immediate delivery

Purchase ▼
Minimum 1 pc(s).

Price informations ▼



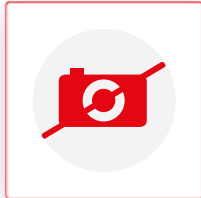
Control cable complete with plug

Article number ▼
1104011

Availability ▼
No stock available
Information:
Next availability
Unknown

Purchase ▼
Minimum 1 pc(s).

Price informations ▼



Control wire connector 12-pin incl. contact pins

Article number ▼
1104012

Availability ▼
In stock
Immediate delivery

Purchase ▼
Minimum 1 pc(s).

Price informations ▼



Trolley

Article number ▼
1174001

Availability ▼
In stock
Immediate delivery

Purchase ▼
Minimum 1 pc(s).

Price informations ▼



Water cooler 230 V / 4 l

Article number ▼
1174002

Availability ▼
In stock
Availability on
request

Purchase ▼
Minimum 1 pc(s).

Price informations ▼



Coolant SKF 15 / 5 l

Article number ▼
1030105

Availability ▼
In stock
Immediate delivery

Purchase ▼
Minimum 1 pc(s).

Price informations ▼



Coolant SKF 15 / 10 l

Article number ▼
1030110

Availability ▼
In stock
Immediate delivery

Purchase ▼
Minimum 1 pc(s).

Price informations ▼





Coolant SKF 15 / 25 l



Article number ▼
1030125

Availability ▼
In stock
Immediate delivery

Purchase ▼
Minimum 1 pc(s).

Price informations ▼



TIG welding torch, gas-cooled SR 26 ED 4 m



Article number ▼
1105004

Availability ▼
In stock
Immediate delivery

Purchase ▼
Minimum 1 pc(s).

Price informations ▼



TIG welding torch, gas-cooled SR 26 ED 8 m



Article number ▼
1105008

Availability ▼
In stock
Immediate delivery

Purchase ▼
Minimum 1 pc(s).

Price informations ▼



TIG welding torch, gas-cooled SR 26 4 m, UD



Article number ▼
1105014

Availability ▼
In stock
Immediate delivery

Purchase ▼
Minimum 1 pc(s).

Price informations ▼



TIG welding torch, gas-cooled SR 26 8 m, UD



Article number ▼
1105018

Availability ▼
In stock
Immediate delivery

Purchase ▼
Minimum 1 pc(s).

Price informations ▼



TIG welding torch, water-cooled SR 18 ED 4 m



Article number ▼
1105024

Availability ▼
In stock
Immediate delivery

Purchase ▼
Minimum 1 pc(s).

Price informations ▼



TIG welding torch, water-cooled SR 18 ED 8 m



Article number ▼
1105028

Availability ▼
In stock
Immediate delivery

Purchase ▼
Minimum 1 pc(s).

Price informations ▼



TIG welding torch, water-cooled
SR 18 4 m, UD



Article number ▼
1105034

Availability ▼
In stock
Immediate delivery

Purchase ▼
Minimum 1 pc(s).

Price informations ▼



TIG welding torch, water-cooled
SR 18 8 m, UD



Article number ▼
1105038

Availability ▼
In stock
Immediate delivery

Purchase ▼
Minimum 1 pc(s).

Price informations ▼

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