

Electrode Inverter

CRAFT-STICK PRO 161P

Welding machine for highest demands



Article number
1363162

Brand
Craftweld

☐ Ordering: from 1 units



Description

- Constructed using modern inverter technology
- Universally applicable for welding all common electrode types
- Best suited for assembly work due to protection class IP 21S generally also for outdoor work
- Suitable for use on the generator, for example in workshops, schools, metal construction, on construction sites or for farmers
- Protected against moisture, salt spray and corrosion by sealed circuit board. Therefore also suitable for off-shore use
- With power factor correction PFC for problem-free use even on cable drums
- Equipped with VRD for voltage reduction in no-load operation
- TIG DC function enables simple TIG welding with contact ignition
- Accurate setting and display of welding parameters via LC display
- Quiet running fan with good heat dissipation for high switch-on times
- Constant welding current achieves consistent deposition rate

- **Hot Start:** By automatically increasing the welding current for a short time, the arc ignites safely and is immediately stable
- **Anti-stick:** If the electrode accidentally sticks, the welding current is automatically reduced, thus preventing the electrode from annealing
- **Arc-Force control:** Due to the internal monitoring of welding current and welding voltage, short-circuits are quickly and safely resolved, thus stabilising the arc and allowing the electrode to be processed without any problems

Delivery content

- Welding cable 4 m, 16 mm² with electrode holder 300 A
- Ground cable 4 m, 16 mm² with ground clamp 300 A

Technical data

Dimensions and weights

Length (product) approx.	450 mm
Width/depth (product) approx.	150 mm
Height (product) approx.	280 mm
Net weight approx.	7.4 kg

Duty cycle

Duty cycle at I _{max} . 40°C electrode	40 %
Duty cycle at I _{max} . 40°C TIG DC	40 %
Current at 100% DC 40°C electrode	105 A
Current at 100% DC 40°C TIG DC	105 A

Electrode

Weldable electrodes	1,6 - 4,0 mm
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Setting range

Setting range electrode	10 - 160 A
Setting range TIG	10 - 160 A

Electrical Data

Supply voltage	230 V
Phase(s)	1 Ph
Current type	AC
Mains frequency	50/60 Hz

Device data

Operating temperature	-10-40 °C
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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.
Marking	CE

Electrical connections

Fuse (slow blowing)	16 A
Required generator output	>10 kVA
Mains plug	16 A
Open circuit voltage	TIG 64 MMA 67.2 V
Connection cable length	3 m
Power consumption in idle mode	< 50 W
Power factor	0.99 cos phi
Input current electrode	21.6 A
Input current TIG	14.3 A
Total output	5/3.5 kVA

Product information EU 2023/2854

Type of the generated data	Usage data
Format of the generated data	Common, machine-readable formats such as JSON
Amount of data	Up to 5 MB
Continuous data generation in real time	Yes

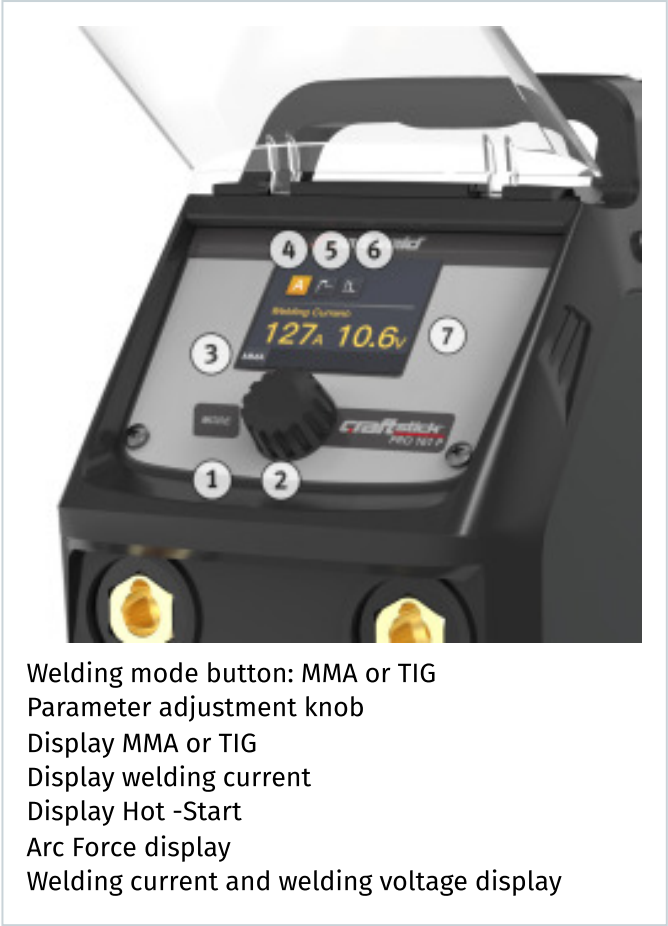
Input

Power consumption electrode	5 kVA
Power consumption TIG DC	3.5 kVA
Efficiency	85 %

Manufacturer infos

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

Media informations



Equipment

Equipment

Anti-Stick	✓
ArcForce	✓
HotStart	✓
Power factor correction	✓
VRD operation	✓
LC display	2,8 "

Shipping informations

Packaging Metrics		Weights		Delivery		Other	
Length	550 mm	Net	7,4 kg	Delivery	Delivery service	DualUse	Nein
Width	245 mm	Gross	11,4 kg			SCIP	
Height	425 mm			Content	1 undefined	SVHC	Nein

Manufacturer

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

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