Plasma cutter

CRAFT-CUT PRO 41P

For the strictest requirements

Article number
1365041

Brand
Craftweld

Suitable for generators

PFC

Power factor correction

Multivoltage

Ordering: from 1 units

Description

- Suitable for use on the generator e.g. in operating workshops, ports, chemical plants, schools, metal construction, on construction sites, ships or for farmers
- Quiet running fans with good heat dissipation for high duty cycles
- For stainless steel, aluminum, steel, non-ferrous metals also with painted surface
- From thin sheets to heavy plates
- Pilot ARC-Controller: Only after ignition of the arc the set welding current is released
- With 2- and 4-stroke function
- CRAFT-CUT PRO 41P with power factor correction PFC for trouble-free use even on cable drums
- Precise setting and display of welding parameters via LC display
- Integrated filter pressure regulator for setting the cutting pressure

Delivery content

- Plasma torch S65 6m
- Earth cable 4 m, 6 mm² with earth terminal 300 A
- Filter pressure regulator with plug nipple
- Standard central adapter

Technical data

Dimensions and weights

Length (product) approx.	490 mm
Width/depth (product) approx.	150 mm
Height (product) approx.	290 mm
Net weight approx.	8.1 kg

Setting range

Adjusting range plasma approx.	20 (20) – 40 (30) A

Duty cycle

Duty cycle plasma	50 (35) %
Current at 100% DC 40°C Plasma	30 (20) A
Voltage at 100% duty cycle 40°C Plasma	92 (88) V

Electrical Data

Supply voltage	230 (110) V
Phase(s)	1 Ph
Current type	AC
Mains frequency	50/60 Hz

Device data

Torch type (connection)	Euro
Air consumption	120 l/min
Pressure	5 bar
Cos phi power factor	0.999 cos phi
Operating temperature	-10-40 °C

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

Input

Power consumption plasma	4.8 kVA

Cutting performance

Quality cutting steel (ST37) max.	15 mm
Separating cut steel (ST37) max.	20 mm
Quality cutting stainless steel max.	15 mm
Separating cut stainless steel max.	20 mm
Quality cutting aluminium max.	16 mm
Separating cut aluminium max.	18 mm

Electrical connections

Fuse (slow blowing)	16 A
Required generator output	>4.8 kVA
Mains plug	16 A
Open circuit voltage	327.9 (328.3) V
Connection cable length	4 m
Input current	20 (31.8) A

Manufacturer infos

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

Product information EU 2023/2854

Explanation technical data	Data in brackets for 110 volt models
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

Media informations

Function button for setting 2-stroke, 4-stroke, perforated sheet metal
Control for setting the current intensity
Compressed air test
Digital display

Equipment

Equipment

LC display	2,8 "
PFC operation	✓
Pilot ARC control	✓
2-stroke function	✓
4-stroke function	✓

Shipping informations

Packaging Metrics	
Length	590 mm
Width	240 mm
Height	410 mm

Weights	
Net	8,1 kg
Gross	13,4 kg

Delivery	
Delivery	Delivery service
Content	1 undefined

Other	
DualUse	Nein
SCIP	
SVHC	Nein

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