

Infinitely variable, synergic MIG/MAG pulse welder

CRAFT-MIG.PRO 253 Pulse

Robust industrial series - made for heavy-duty use



Article number
1362025

Brand
Craftweld

☐ Ordering: from 1 units



Description

- Innovative pulse technology enables low-spatter weld seams - up to 80% less rework and higher deposition rate at the same time
- Double-pulse function enables TIG-like weld seams at MAG speed
- High duty cycle of 60% at maximum power ensures longer welding times without overheating, ideal for large projects
- State-of-the-art inverter technology in modular design ensures maximum reliability combined with maximum efficiency
- Synergy curves for steel, stainless steel and aluminum - 3 steps to the perfect result
- Adjustable choke enables precise adjustment of the arc characteristics
- LCD display for simple and precise setting of welding parameters
- Sophisticated cooling system with encapsulated air duct for efficient heat dissipation ensures stable welding performance even in the toughest applications
- Suitable for use on the generator

- Optional: Water cooling for optimum temperature control
- Note: Machine is supplied without accessories

Delivery content

- Gas hose 4 m

Technical data

Dimensions and weights

Length (product) approx.	680 mm
Width/depth (product) approx.	270 mm
Height (product) approx.	500 mm
Net weight approx.	29,8 kg

Duty cycle

Duty cycle at I _{max} . 40°C	60 %
Current at 60% DC 40°C	250 A
Current at 100% DC 40°C	195 A

Device data

Operating temperature	-10 – 40 °C
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Wire feed

weldable wires steel from to	0.8 – 1.2 mm
weldable wires stainless steel from to	0.8 – 1.2 mm
weldable wires CuSi from to	0.9 – 1.2 mm
weldable wires flux core wire from to	0.9 – 1.2 mm
Wire feet unit	4 Rollers
Wire feed speed from to	1.5 – 24 m/min

Setting range

Setting range MIG/MAG	10 – 250 A
Setting range TIG DC	10 – 250 A
Setting range electrode	20 – 250 A

Electrical Data

Supply voltage	400 V
Phase(s)	3 Ph
Current type	AC
Mains frequency	50/60 Hz

Standards and certifications

Degree of protection	IP 23S
Insulation class	F
EMC class	A
Marking	CE

Input

Power consumption MIG/MAG	7.5 kVA
Power consumption electrode	8.4 kVA
Power consumption TIG DC	5.7 kVA
Power factor	0.675 cos phi
Efficiency	89.39 %

Electrical connections

Required generator output	8 kVA
Open circuit voltage	74 / 74 / 69 V
Explanation Open circuit voltage	MMA / TIG / MIG
Input current	17.8 kVA
Power consumption in idle mode	36 W

Manufacturer infos

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

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 genera- tion in real time	Yes

Media informations



Equipment

Equipment

Process MIG/MAG	✓
Process MMA	✓
2-stroke/4-stroke switching	2T/4T/4T+
Spot welding	Spot
Adjustable choke	0 - 10 for syn, -10 - +10 for pulse
Operating display	LCD
Overload indicator	✓

Shipping informations

Packaging Metrics		Weights		Delivery		Other	
Length	n/a	Net	33 kg	Delivery	Carrier	DualUse	Nein
Width	n/a	Gross	36 kg	Content	1 undefined	SCIP	
Height	n/a					SVHC	Nein

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