

MIG/MAG inverter welding machine

CRAFT-MIG.PRO 253 Synergic

Robust machine for use in the workshop



Article number

1361151

Brand

Craftweld

☒ Ordering: from 1 units



Description

- 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 generators
- Note: Machine is supplied without accessories

Delivery content

- Welding torch SMB 25, 4 m gas-cooled
- Earth cable 35 mm²/3 m
- Pressure reducer argon/CO₂

Technical data

Dimensions and weights

Length (product) approx.	1100 mm
Width/depth (product) approx.	530 mm
Height (product) approx.	850 mm
Net weight approx.	52.5 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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Setting range

Setting range MIG/MAG	30-250 A
Setting range TIG DC	10-250 A
Setting range electrode	10-250 A

Electrical Data

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

Standards and certifications

Standard	EN 60974-1; EN 60974-10
Degree of protection	IP 21S
Insulation class	F
EMC class	A
Marking	CE

Wire feed

weldable wires steel from to	0.6-1.2 mm
weldable wires stainless steel from to	0.8-1.2 mm
weldable wires aluminium from to	1.0-1.2 mm
weldable wires CuSi	1.0 mm
weldable wires flux core wire from to	0.8-1.2 mm
Wire feet unit	4 Rollers
Wire feed speed from to	1.0-22 m/min
Wire feed rolls/driven	4 Rollers

Electrical connections

Mains plug	400 CEE 16A
Open circuit voltage	Electrode 75 TIG 73 MIG/MAG 73
Connection cable length	3 m
Input current	18 A
Power consumption in idle mode	24 W

Manufacturer infos

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

Input

Power consumption MIG/MAG	11.2 kVA
Power consumption electrode	12.5 kVA
Power consumption TIG DC	8.9 kVA
Power factor	0.67 cos phi
Efficiency	90.84 %

Cooling

Cooling type	AF
Torch cooling	gas

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	✓
Spot welding	Spot
Guest test function	✓
Adjustable choke	0 – 10
Operating display	LCD
Overload indicator	✓

Shipping informations

Packaging Metrics		Weights		Delivery		Other	
Length	760 mm	Net	51,6 kg	Delivery	Carrier	DualUse	Nein
Width	470 mm	Gross	52,5 kg	Content	1 undefined	SCIP	
Height	830 mm					SVHC	Nein

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