

MIG/MAG inverter welding machine

CRAFT-MIG.PRO 403 W Synergic

Robust industrial series - made for heavy-duty use



Article number

1361162

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

- Gas hose 4 m

Technical data

Dimensions and weights

Length (product) approx.	950 mm
Width/depth (product) approx.	450 mm
Height (product) approx.	930 mm
Net weight approx.	63.4 kg

Duty cycle

Duty cycle at I _{max} . 40°C	60 %
Current at 60% DC 40°C	400 A
Current at 100% DC 40°C	310 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	0.8-1.8 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	24 m/min
Wire feed rolls/driven	4 Rollers

Setting range

Setting range MIG/MAG	30-400 A
Setting range TIG DC	10-400 A
Setting range electrode	10-400 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

Input

Power consumption MIG/MAG	16.5 kVA
Power consumption electrode	17.9 kVA
Power consumption TIG DC	13.6 kVA
Power factor	0.92 cos phi
Efficiency	87,7 %

Electrical connections

Required generator output	>15 kVA
Mains plug	400 CEE 32A
Open circuit voltage	Electrode 23.5 TIG 23.5 MIG/MAG 77.5 V
Connection cable length	3 m
Input current	Electrode 24.8 TIG 18.9 MIG/MAG 23.8 A
Power consumption in idle mode	24 W

Manufacturer infos

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

Cooling

Cooling type	AF
Torch cooling	Water
Capacity water reservoir	5 l

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

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	62,6 kg	Delivery	Carrier	DualUse	Nein
Width	470 mm	Gross	64 kg	Content	1 undefined	SCIP	
Height	830 mm					SVHC	Nein

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