

Stepless, synergic MIG/MAG welding machine

CRAFT-MIG.PRO 353 WS Synergic

Robust industrial series - made for heavy-duty use



Article number

1361160

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 the generator
- Note: Machine is supplied without accessories

Delivery content

- Gas hose 4 m
- Trolley

Technical data

Dimensions and weights

Length (product) approx.	700 mm
Width/depth (product) approx.	270 mm
Height (product) approx.	490 mm
Net weight approx.	101 kg

Duty cycle

Duty cycle at I _{max} . 40°C	60 %
Current at 60% DC 40°C	350 A
Current at 100% DC 40°C	270 A

Device data

Operating temperature	-10 – 40 °C
-----------------------	-------------

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 aluminium from to	1.0 – 1.2 mm
weldable wires CuSi	1.0 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 TIG DC	10 – 350 A
Setting range electrode	10 – 350 A
Setting range MIG soldering	30 – 350 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	12.3 kVA
Power consumption electrode	13.4 kVA
Power consumption TIG DC	9.6 kVA
Power factor	0.718 cos phi
Efficiency	90.7 %

Electrical connections

Required generator output	13 kVA
Open circuit voltage	74 V
Input current	24 kVA
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

Feed rollers

Feed rollers diameter	1.0 / 1.2 mm
-----------------------	--------------

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

Shipping informations

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

Manufacturer

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

Prices on this data sheet are recommended retail prices, subject to change, in €, plus VAT at the statutory rate, plus packaging, shipping, transport, unloading, assembly and, if applicable, instruction costs. Sales prices of the dealers can deviate. No liability is accepted for printing errors, mistakes or incorrect presentation. Technical and optical changes are reserved. Illustration partly with optional accessories.