

MIG/MAG impulse welder

CRAFT-PULSE 350 W (Fahrwagen Profi, Bedienfeld unten)



Infinitely variable, for perfect MIG/MAG welding results

Article number
1362435

Brand
Craftweld



FOCUS.ARC - Concentration of energy in the centre of the arc



POWER FACTOR CONTROLLER - Power factor correction



SIRIUS - the intuitive and open user interface

☒ Ordering: from 1 units



Description

- Performance increase and quality improvement through digitally controlled MIG/MAG industrial processes
- POWER.PULS: weld stainless steel faster with TIG-like weld surface; hardly any tarnish; adjustable heat input; welds in TIG look with double pulse; over-weldable helpers
- POWER.ARC: high arc quality, calm, stable and high-energy arc
- ROOT: spatter-free welding process for thin sheet and root welds with very good gap bridging, safe penetration and significantly higher welding speed for drop welds
- FOCUS.ARC: Welding with short, powerful arc, safe root penetration, particularly deep penetration, safe flank penetration and reduced penetration notches.
- Increased quality through better visibility into the process, better control over the arc and fewer defects
- SIRIUS user interface with Assist function for simplified operation of complex processes, easy integration into all systems, production chains and processes via freely configurable interface with full Industry 4.0 capability

- Intelligent, resource-saving water cooling unit: centrifugal pump with high delivery rate, energy management measures the coolant temperature and cools only when necessary, extending the service life of all components
- Job memory for up to 500 programs

Delivery content

- Feed rollers 1.0/1.2 mm
- Professional trolley
- Cover flap for control panel

Technical data

Dimensions and weights

Length (product) approx.	930 mm
Width/depth (product) approx.	560 mm
Height (product) approx.	1030 mm
Net weight approx.	86 kg

Duty cycle

Duty cycle at I _{max} . 40°C	80 %
Current at 100% DC 40°C	320 A

Standards and certifications

Degree of protection	IP 23
Insulation class	H

Input

Power consumption MIG/MAG	13,7 kVA
Power factor	0.99 cos phi
Efficiency	> 85 %

Setting range

Setting range MIG/MAG	20 – 360 A
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Electrical Data

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

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
Wire feet unit	4 Rollers

Electrical connections

Fuse (slow blowing)	32 A
Positive mains voltage tolerance	15 %
Negative mains voltage tolerance	15 %
Open circuit voltage	89 V
Power consumption in idle mode	< 50 W

Cooling

Cooling type	AF
Torch cooling	water
Capacity water reservoir	5 l

Manufacturer infos

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

Media informations



SIRIUS screen shows everything at a glance



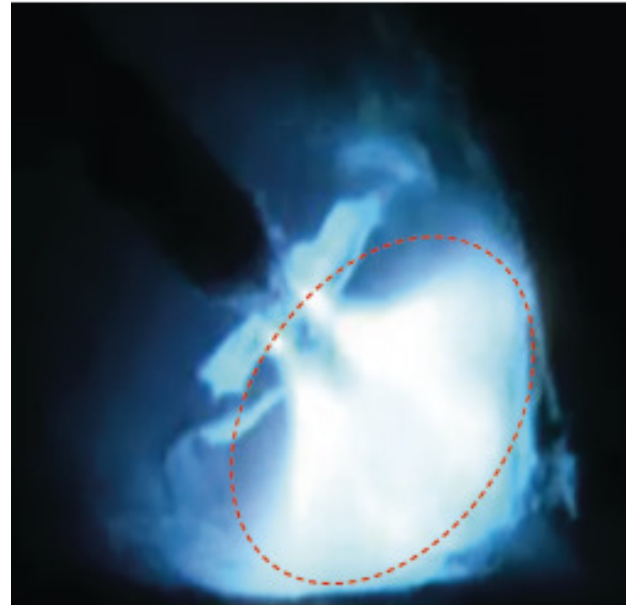
Display with day and night mode



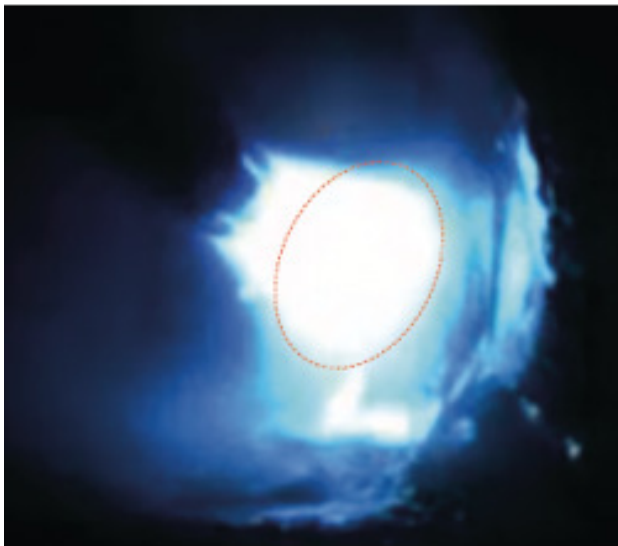
Optimization parameters displayed transparently and graphically-dynamically



The user can see from a distance which setting he is in



Conventional arc



- FOCUS.ARC arc with 15 percent less heat input
- Welding with reduced seam opening angle possible
- Perfect for root and stick welds



Equipment

Equipment

Type of construction	compact
Volume gas cylinder max.	50 l
FOCUS.ARC	✓
ROOT	✓
POWER.PULS	✓
POWER.ARC	✓

Shipping informations

Packaging Metrics		Weights		Delivery		Other	
Length	n/a	Net	86 kg	Delivery	Carrier	DualUse	Nein
Width	n/a	Gross	90 kg	Content	1 undefined	SCIP	
Height	n/a					SVHC	Nein

Manufacturer

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