



**PREMIUM** WELDING AND CUTTING EQUIPMENT  
WELDING ACCESSORIES



**MAIN CATALOG 2025/26**

OFFER FOR OUR CUSTOMERS WHO ARE ENTREPRENEURS AND NOT CONSUMERS



*Sales and service in Hallstadt / Bamberg / Germany*

## Discover your new C.RAFTWELD catalogue

### Your wishes are our goal.

We specialise in selling high-quality welding technology products. These are almost exclusively manufactured and supplied by renowned German, European and international manufacturers according to our specifications. Each of our products is characterised by quality, durability and stable value. Our experience enables us to continuously develop and improve our products, as well as complete the overall programme.

### The products.

Are you looking for a welding system that offers comprehensive performance features at an economical price? The decision to go for a C.RAFTWELD welding machine is the right one. Our machines impress with their outstanding quality and precise workmanship, not to mention their excellent value for money.

### The quality.

C.RAFTWELD products are subject to the strictest production and final inspections. The focus is on using the best materials, excellent welding properties and the simplest operation. The production process is carried out in accordance with the relevant standards and is subject to thorough individual inspections. A 100% check of performance and function is carried out at the end of the production process.

We are here to support you with all matters relating to welding technology.

### Your C.RAFTWELD Team





## STÜRMER: Expertise in advice and service

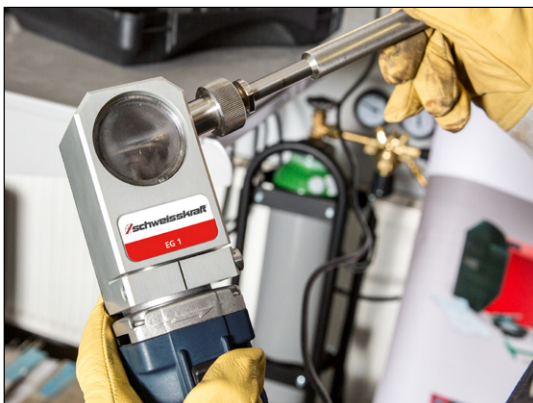
Leave nothing to chance with a welding machine from C.RAFTWELD ! Our experienced specialists will work closely with you to develop customised welding solutions that are tailored to your specific requirements. Thanks to state-of-the-art large-scale production facilities, we can offer you our high-quality welding equipment at a very attractive price-performance ratio.

Our welding experts will be happy to advise you at your premises, if required. Thanks to their extensive knowledge and experience, our expert consultants can determine the optimal solution for each application.

Even after the sale, we will remain available as your long-term partner for any service or spare parts enquiries you may have. If you have any questions, please feel free to contact our Service Centre. Thanks to our connected spare parts warehouse, we are well equipped to provide a service that guarantees you the highest availability and fastest supply of spare parts, as well as prompt maintenance and repair of your welding machine at all times.



Large-scale production on state-of-the-art production lines lead to the good price-performance ratio of C.RAFTWELD welding machines

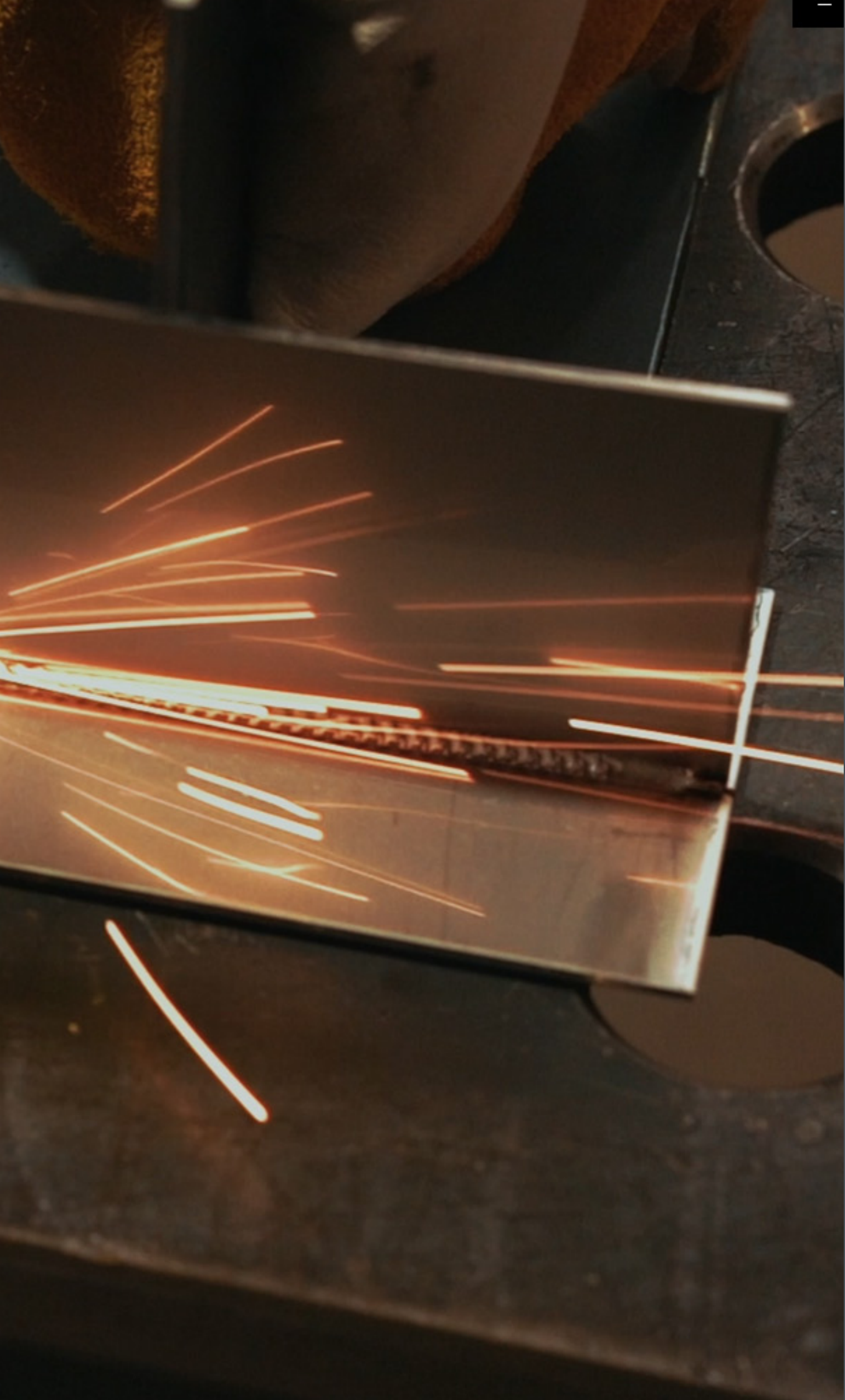


DISCOVER NOW  
OUR PRODUCT VIDEOS!



On our YouTube channel **Stürmer Maschinen GmbH** all our product videos are available to you.  
Subscribe to our YouTube channel so you don't miss any of the new videos.





# LASER WELDING

# CRAFT-LASER 800 / 1500 S / 2000 WS

## LASER WELDING MACHINES

### HAND-HELD, COMPACT DESIGN WITH LARGE COLOUR DISPLAY

Hand-held laser welding machines are the **newest revolution** in welding technology and have unbeatable advantages in the thin sheet metal sector compared to the previous conventional welding process.

#### ADVANTAGES LASER WELDING

compared to conventional welding processes

- + Hardly any warping, incredibly fast, incredibly good quality (even with very thin materials <1 mm)
- + Consumes approx. 70 % less energy
- + Quick and easy to learn
- + High process reliability
- + Extreme time savings with greatly reduced reworking at the same time
- + One of the lightest burners on the market at 680 g
- + 2-channel safety loop for maximum safety

#### CRAFT LASER ADVANTAGES:

- + Laser cleaning with up to 100 mm scan width with autofocus
- + 3 in 1 device: Welding / cutting / cleaning
- + Complete synergy - no more parameter lists
- + Service-friendly - no more tedious sending in

#### CRAFT-LASER 800 / 1500 S:

- ▶ Fully integrated wire feed case – no parallel entry of feed data and laser power
- ▶ Extremely simple machine operation thanks to complete synergy characteristics
- ▶ Fully automatic control of power, wire feed, oscillation width, oscillation frequency, laser frequency, PWM, hot start, etc. depending on the material, material thickness and filler material diameter.
- ▶ High-resolution, easy-to-read displays ensure maximum ease of use even from a distance
- ▶ Maximum penetration depth of up to 6 mm thanks to 20 nm single-mode laser and specially developed wobble technology
- ▶ **2 in 1 machine: Welding, cleaning**
- ▶ Perfect cleaning with up to 100 mm scan width and autofocus:
  - ▶ Ideal for derusting, paint stripping and cleaning workpieces
  - ▶ Optimal for scale removal
  - ▶ Autofocus means there is no need to maintain a fixed distance

#### CRAFT-LASER 2000 WS:

Water-cooled, handheld laser welding device is built for heavy-duty applications and the highest demands. Maximum focus stability at 100% duty cycle guarantees maximum process reliability.

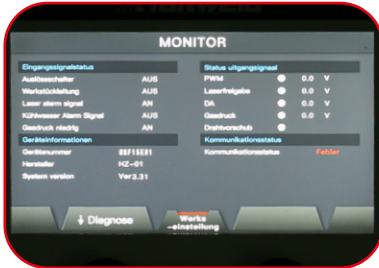
- ▶ Water-cooled 2000W - 20nm single-mode laser source with 100% duty cycle
- ▶ The specially developed water-cooled laser gun and improved optical systems guarantee maximum focus stability.
- ▶ **Programme selection via laser gun possible**
- ▶ High-performance water cooling from the laser cutting area guarantees maximum process reliability.
- ▶ **2-in-1 machine: Welding and cleaning**
  - ▶ Laser cleaning is ideal for paint removal, rust removal and other types of removal.
  - ▶ Optional Ethernet-IP interface for robot applications
  - ▶ **Optional: Double wire feed**

#### SECURITY:

- ▶ 2-channel emergency stop system
- ▶ 2-channel safety interface for access monitoring (door contact switch)
- ▶ Key switch to prevent unauthorised use
- ▶ 2-channel fibre breakage detection and monitored QBH connection
- ▶ Safety instructions and manual activation of the laser release at each start
- ▶ Double push-button prevents unintentional activation of the laser emission

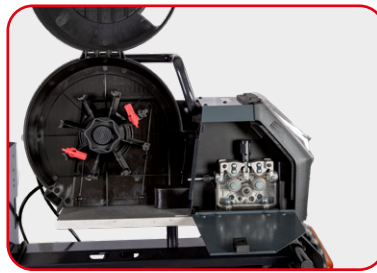
#### SIMPLE SERVICE:

- ▶ Replaceable burner and hosepack
- ▶ Laser cell can be replaced using swap procedure
- ▶ Interchangeable circuit boards and displays
- ▶ Laser centre offset can be corrected in the control system without calibration
- ▶ System can be upgraded and updated



### DISPLAY

- › In German and English



### WIRE FEED CASE

- › Precise wire feed with 4 rollers



### HOSE PACKAGE

- › Double-sheathed hosepack and covered with additional leather protection - maximum robustness against cable breakage, wear and damage to the fibre conductor
- › Temperature stable, no problems even with aluminium despite back radiation
- › Stable wire feed, guided independently of the focus tube, ensures maximum feeding and process reliability

### Craft-Laser 1500 S



### OPTIONAL TROLLEY

- › suitable for Craft Laser 1500 S

**DISCOVER THE NEW  
CRAFT-LASER 2000 WS ON  
THE NEXT PAGE!**

# CRAFT-LASER 800 / 1500 S / 2000 WS

## LASER WELDING MACHINES

### HAND-HELD, COMPACT DESIGN WITH LARGE COLOUR DISPLAY



Craft-Laser 2000 WS

THE CRAFT-LASER 2000 WS OFFERS ALL THE ADVANTAGES OF THE CRAFT-LASER 1500 S AND MUCH MORE!



#### HANDY WELDING GUN

- › Very light and handy
- › Ergonomic handle shell
- › Rubberised handle ensures comfortable handling and insulation against workpiece conduction, long service life and scratch resistance
- › Easy replacement of the lenses if required. These are located under the flap in the gun and can be replaced without tools.
- › Protected from dirt by cover flap - protective glass and focus lenses can be replaced

#### SCOPE OF DELIVERY

	800	1500 S	2000 S
Welding gun	x	x	x
Gas hose 4 m	x	x	x
5 protective glasses for laser welding gun	x	x	x
2 conveyor rollers 0.8 / 1.0 V-groove	x	x	x
2 conveyor rollers 1.0 / 1.2 V-groove	x	x	x
2 conveyor rollers 1.2 / 1.6 V-groove		x	x
2 conveyor rollers 0.8 / 1.0 U-groove	x	x	x
2 conveyor rollers 1.0 / 1.2 U-groove	x	x	x
2 conveyor rollers 1.2 / 1.6 U-groove		x	x
3 nozzles AS-12 for laser welding gun		x	x
3 nozzles ES-12 for laser welding gun		x	x
3 nozzles DS-16 for laser welding gun	x		x
3 nozzles BS-16 for laser welding gun		x	x
3 cutting nozzles	x	x	x
Laser cleaning accessories	x	x	x
Filter pressure regulator 1/4" 16 bar	x	x	x
Plug nipple 1/4" external thread	x	x	x
Double nipple G 1/4" x G 1/4"	x	x	x
Faceshield FS 1 (golden visor)	x		
VarioProtect LASER-M laser welding helmet		x	x



#### WEAR PARTS SET

- › included with Craft Laser 800, 1500 S, and 2000 WS



MODEL DESIGNATION	CRAFT-LASER 800	CRAFT-LASER 1500 S	CRAFT-LASER 2000WS
<b>Article no.</b>	<b>1390008</b>	<b>1390015.2</b>	<b>1390020</b>
<b>WELDABLE MATERIAL THICKNESS</b>			
Weldable material thickness Steel	0.8 – 3.0 mm	0.8 – 6.0 mm	0.8 – 8.0 mm
Weldable material thickness Stainless steel	0.8 – 3.0 mm	0.8 – 6.0 mm	0.8 – 8.0 mm
Weldable material thickness Aluminium	0.8 – 2.0 mm	0.8 – 4.0 mm	0.8 – 7.0 mm
<b>WIRE FEED</b>			
Weldable wires, steel	0.8 – 1.2 mm	0.6 – 1.6 mm	0.6 – 1.6 mm
Weldable wires, stainless steel	0.6 – 1.2 mm	0.6 – 1.6 mm	0.6 – 1.6 mm
Weldable wires, aluminium	1.0 – 1.2 mm	1.0 – 1.6 mm	1.0 – 1.6 mm
Wire feed unit	4 rolls	4 rolls	4 rolls
Wire feed speed	0.25 – 6 m/min	0.25 – 6 m/min	0.25 – 6 m/min
<b>LASER</b>			
Wobble	0 – 5.0 mm	0 – 5.0 mm	0 – 5.0 mm
Wavelength of the radiation	1070 nm	1075 nm	1080 nm
Spectral width	3 – 4 nm	3 – 4 nm	3 – 4 nm
Power of the red guide laser	200 µW	200 µW	200 µW
Type	Single mode	Single mode	Single mode
<b>ELECTRICAL CONNECTION</b>			
Connection cable length	5.0 m	5.0 m	10.0 m
Input power	3.0 kW	5.9 kW	7.5 kW
Laser power	800 W	1500 W	2000 W
<b>COOLING</b>			
Cooling type	Air-cooled	Air-cooled	water-cooled
<b>STANDARDS AND AUTHORISATIONS</b>			
Protection class	IP21S	IP21S	IP21S
WPS	✓		✓
<b>ELECTRICAL DATA</b>			
Connection voltage	230V	230 V – 32 A CEE	230 V – 32 A CEE
Mains frequency	50 Hz	50 Hz	50 Hz
<b>DIMENSIONS AND WEIGHTS</b>			
Dimensions (L x W x H) approx.	680 x 360 x 680	750 x 600 x 1,000 mm	960 x 600 x 1000 mm
Weight of wire feed case	–	11.5 kg	11.5 kg
Weight approx.	38 kg	53 kg	150 kg

**Laser protection cabin 3850 x 3900 x 2500 mm /  
4000 x 4050 x 3000 mm / 6125 x 4050 x 3000 mm**

- ▶ Made from powder-coated sheet steel (RAL 7035)
- ▶ Self-supporting, stable construction for long-lasting use
- ▶ Manufactured in modular design - simple and quick assembly
- ▶ Compatible with hand-held and stationary laser welding machines
- ▶ Effective heat dissipation from the laser welding cabin prevents overheating
- ▶ Large, smooth-running sliding door requires no swivelling range

- ▶ Increased productivity thanks to the ability to store raw and finished parts in the cabin

**Model 4000 x 4050 x 3000 mm &  
Model 6125 x 4050 x 3000 mm**

- ▶ Better material flow, as the cabins can be accessed with pallet trucks, trolleys and even smaller forklifts



3850 x 3900 x 2500 mm



4000 x 4050 x 3000 mm



6125 x 4050 x 3000 mm

 Made in Germany

**Incl. safety package incl. complete CE for Craft-Laser 800 / 1500S**

**Security package contains the following components:**

- ▶ Switch cabinet with discrete PILZ safety relay for monitoring the protective circuits
- ▶ Contactless door contact switches from PILZ
- ▶ External emergency stop
- ▶ Internal emergency stop
- ▶ Laser warning light

**Would you like advice?**

Your local specialist dealer will be happy to advise you on all matters. We would be happy to advise you on this topic and refer you to a specialist dealer in your area.



**Tim Bülles**  
Contact: +49(0)951 96555 425

**YOUR PERSONALISED PRICE AND special sizes on request!**

Accessories	Art. no.
Extraction package for laser safety cabin 1-3	1392050

Model		3850 x 3900 x 2500 mm	4000 x 4050 x 3000 mm	6125 x 4050 x 3000 mm
Article no.		1392000	1392005	1392010
Dimensions (L x W x H) approx.	mm	3850 x 3900 x 2500	4000 x 4050 x 3000	6125 x 4050 x 3000
Transport surcharge <sup>2)</sup>		TVZSLASER	TVZSLASER	TVZSLASER

**VarioProtect LASER-M / LASER-M AIR TH3** – Laser welding helmet specially developed for laser welding and cutting applications – also suitable for conventional welding processes

- ▶ Laser lens with variable tinting offers complete protection from direct laser exposure as well as from reflection, scattering, diffraction and divergence of the laser beam
- ▶ Developed for EN207 OD10 @ 1064nm
- ▶ Provides comprehensive protection to prevent eye burns, retinal damage and other tissue damage
- ▶ Ultra-clear vision - exceptional clarity and detail with Light State 2.0 laser lens with variable tinting
- ▶ Intelligent adjustment - number of colours, delay and sensitivity can be easily adjusted via user-friendly control panel with LED indicators
- ▶ Respiratory protection with a total filtration efficiency of >99.997%



VarioProtect LASER-M



VarioProtect LASER-M AIR TH3

Model		VarioProtect LASER-M VarioProtect LASER-M AIR TH3
Article number		1657060 / 1657065
Working temperature	°C	-10 – +55
Storage temperature	°C	-20 – +70
Response timeligt/dark	ms	1 / 25000s
UV/IR protection		DIN 16
Light level		2.0
Dark protection level		DIN 4-8/8-12
Solar cells		Yes
Viewing window (W x H)	mm	96 x 46.5
Cassette (L x B x H)	mm	110 x 90 x 9
Sensors		2
Laser protection		1000-1100 D LB7 + IR LB8
Optical density		1000-1100 OD8
Special modes		GRIND / CUT / MIX / DARK
Dimensions (L x W x H) approx.	mm	270 x 230 x 215
Weight approx.	kg	0.87

**Intelligent setting**

- The number of colours, delay and sensitivity can be easily adjusted via a user-friendly control panel with LED displays

**Scope of delivery**

- ▶ TH3 fresh air supply incl. hose

Accessories	Art. no.	€ plus VAT
Outer attachment disc (PU 10 pcs.)	1663050	19.90
Inner attachment disc (PU 10 pcs)	1663051	15.00
Headband	1663052	26.50
Forehead welding band	1663053	2.50
Welding helmet housing	1663054	145.00
Filter cassette	1663055	459.00
Lithium battery 3V CR2450	1662034	459.00

## Face Shield FS 1 – The safe and comfortable complete solution for eyes and face during hand-held laser welding

Made in Germany

- ▶ The Face Shield (FS1) offers certified laser protection in accordance with EN 207
- ▶ New standards in wearing comfort
- ▶ only 386 g total weight
- ▶ Perfectly balanced thanks to an ingenious folding mechanism with spring-loaded coupling rods
- ▶ Height and width-adjustable headrest with Uvex Spiderneck neck support for perfect ergonomic relief

## uvex | laservision

Model		FS 1 (golden visor)	FS 1 (blue-grey visor)
Art. no.		1872015	1872020
Standards		EN 166, EN 207 full protection	EN 166, EN 169, EN 207 full protection, EN 208 adjustment protection
Coating		Scratch-resistant outside / anti-fog inside	Scratch-resistant outside / anti-fog inside
<b>Filters</b>			
Colour view		Good	Outstanding
Version		FS1	FS1
Filters		P1P18	P1P22
Filter thickness approx.	mm	2	2
Filter colour		Gold	Blue-grey
Filter material		Plastic	Plastic
Filter technology		Absorption filter	Absorption filter
Visual brightness		very good	Sufficient
Protected area		Infrared, near infrared, ultraviolet	Infrared, near Infrared, visible, ultraviolet
VLT approx.	%	47	12
Protection level		M	M
Weight approx.	g	386	386



## Laser safety goggles LSB 1 - Large field of vision without compromising protection

- ▶ Ergonomic design and adjustable temples for every head shape
- ▶ Flat temples for wearing under safety helmets
- ▶ Lightweight construction for a comfortable fit
- ▶ Thanks to the special anti-fog coating, visibility remains clear even in high humidity and changing temperature conditions



Technical data		LSB 1
Art. no.		1872050
Protection of the wavelength	nm	200-450 / 630-660 / 800-1100
Material		TR90 frame, PC filter
Permeability	%	18
Optical density		200 - 450nm OD 4+ 630 - 660nm OD 4+ 800 - 1.100nm OD 6+
LB protection level		316 - 440nm D LB5 + IR LB6 440 - 450nm DIR LB4 630 - 660nm DIR LB4 800 - 1080nm DIR LB6 LP S CE
Dimensions (L x W x H) approx.	mm	161 x 156 x 49
Weight approx.	g	40.2

### Scope of delivery





**MIG / MAG - WELDING SYNERGIC**

# CRAFT-MIG-PRO SYNERGIC SERIES

## INFINITELY REGULATABLE. UNIVERSALLY APPLICABLE

### INDUSTRIAL MACHINES FOR STEEL, STAINLESS STEEL AND ALUMINIUM

#### LCD DISPLAY

Particularly clear and simple operation via LCD display

#### INVERTER

Modern and ultra-robust inverters in the latest modular design.

#### SYNERGY FUNCTION

The synergy function allows the material thickness and power to be steplessly adjusted and the wire to adapt

#### SETTING IN THREE STEPS

Quickly achieve the perfect result after adjustment in three steps: (1) Gas, material, diameter (2) 2/4 cycle, points, interval (3) Material thickness

#### CRAFT-MIG PRO 353WS / 503WS

► Case system incl. 5m Zwipa

#### 3-YEAR CRAFTWELD - WARRANTY

We stand by our quality!

#### STEPLESS CONTROLLABILITY

Sensitive adjustment thanks to stepless controllability. Your advantage: Quickly achieve the perfect result

#### STANDARD EQUIPMENT

2-stroke/4-stroke, spot and interval welding, gas test function, adjustable throttle, operating and overload indicator, temperature-controlled fan

#### HIGH DUTY CYCLE

High duty cycle paired with maximum robustness - made for the toughest applications

#### BASE MATERIALS

Structural steels, unalloyed and low-alloyed materials, ferritic/austenitic CrNi steels, aluminium alloys

#### ADJUSTABLE THROTTLE FUNCTION

to give the arc the desired hardness

**Neu**



CRAFT-MIG PRO 253 SYNERGIC

**Neu**



CRAFT-MIG PRO 403 W SYNERGIC



CRAFT-MIG PRO 503 WS SYNERGIC

Accessories, CRAFT-MIG PRO 253 Synergic	Art. no.
SMB 25/4	1090254
Ground cable 35mm <sup>2</sup> /4m	1250235
Argon/CO2 pressure reducer	1700050

#### Scope of delivery

► Gas hose 4 m

Model	Neu			Neu	
	CRAFT-MIG.PRO 253 Synergic	CRAFT-MIG PRO 323 Synergic	CRAFT-MIG PRO 353 WS Synergic	CRAFT-MIG.PRO 403 W Synergic	CRAFT-MIG PRO 503 WS Synergic
Article no.	1361151	1361155	1361160	1361162	1361165
<b>Setting range</b>					
Setting range	30 – 250	30 – 315	30 – 350	10 – 400	30 - 500
Gearshifts	Stepless	Stepless	Stepless	Stepless	Stepless
<b>Duty cycle</b>					
Duty cycle at max. current 40°C	% 60	40	60	60	60
Current at duty cycle 60% 40°C	A 250	260	350	400	500
Current at duty cycle 100% 40°C	A 195	200	275	310	390
<b>Power consumption</b>					
MIG/MAG power consumption	kVA 11.2	14.2	15.8	16.5	25.4
Electrode power consumption	kVA 12.5	7.5	13.2	17.9	21.2
<b>Cooling</b>					
Cooling type	Intelligent	Intelligent	Intelligent	Intelligent	Intelligent
Torch cooling	Gas	Gas	Water	Water	Water
<b>Wire feed</b>					
Weldable wires, steel	mm 0.6 – 1.2	0.8 – 1.2	0.8 – 1.2	0.8 – 1.2	0.8 – 1.6
Weldable wires, stainless steel	mm 0.8 – 1.2	0.8 – 1.2	0.8 – 1.2	0.8 – 1.2	0.8 – 1.6
Weldable wires, aluminium	mm 1.0 – 1.2	1.0 – 1.2	1.0 – 1.2	1.0 – 1.2	1.0 – 1.6
Wire feed unit	Rollers 4	4	4	4	4
Wire feed speed	m/min 1.0 – 22	1.0 – 24	1.0 – 24	1.0 – 24	1.0 – 24
<b>Conveyor rollers</b>					
Feed roller diameter	mm 0.6 – 1.0	0.8 – 1.0	1.0 – 1.2	1.0 – 1.2	1.0 – 1.2
<b>Electrical connection</b>					
Required generator output	kVA 20	20	21	>15	28
Positive mains voltage tolerance	% 10	10	10	10	10
Negative mains voltage tolerance	% 10	10	10	10	10
Open circuit voltage	V 75	75	77	75	94
Connection cable length	m 3	5	5	5	5
Power consumption	A 18	15	17.1	25.9	28.4
Connection voltage ~50 Hz	V 400	400	400	400 - CEE 32A	400
<b>Dimensions and weights</b>					
Dimensions (L x W x H)	mm 1100 x 530 x 850	930 x 490 x 930	930 x 490 x 930	1100 x 530 x 850	930 x 490 x 930
Weight	kg 52.5	39	59	66.5	59

**ASK FOR YOUR PERSONALISED QUOTE OR REQUEST FOR A FREE AND NON-BINDING DEMONSTRATION!**

### MIG/MAG WELDING TORCH, GAS-COOLED

- ▶ Handle with perfect balance for all welding work
- ▶ Additional optimum hold thanks to integrated rubber insert
- ▶ Ball joint enables better balance of the handle, reduces the weight and increases the welder's freedom of movement
- ▶ Hose package with high resistance to friction, weather influences and chemical substances and maximum flexibility
- ▶ Support for multifunctional burner with display



Designation	Art. no.
<b>SMB36 3m</b> for CRAFT-MIG PRO 323	1090363
<b>SMB36 4m</b> for CRAFT-MIG PRO 323	1090364
<b>SMB36 5m</b> for CRAFT-MIG PRO 323	1090365
<b>SMB400 3m</b> for CRAFT-MIG PRO 353 WS / 503 WS	1090403
<b>SMB400 4m</b> for CRAFT-MIG PRO 353 WS / 503 WS	1090404
<b>SMB400 5m</b> for CRAFT-MIG PRO 353 WS / 503 WS	1090405

Technical data	SMB36	SMB400
Cooling	gas-cooled	water-cooled
Shielding gas	CO <sub>2</sub> , mixed gas	CO <sub>2</sub> , mixed gas
Welding current CO <sub>2</sub>	300 A	400 A
Welding current Mixed gas	270 A	350 A
Duty cycle	60 %	100 %
Wire diameter	0.8 – 1,2 mm	0.8 – 1.6 mm
Contact tip	M6	M8

### CONVEYOR ROLLERS

Designation	Art. no.
<b>Single steel and stainless steel wire</b>	
Conveyor roller 0.8 - 1.0 mm, V-groove	1016010
Conveyor roller 1.0 - 1.2 mm, V-groove	1016012
Conveyor roller 1.2 - 1.6 mm, V-groove	1016016
<b>Individual conveyor rollers for filler wire</b>	
Conveyor roller 1.0 - 1.2 mm, K-groove	1016202
<b>Individual conveyor rollers for aluminium wire</b>	
Conveyor roller 0.8 - 1.0 mm, U-groove	1016110
Conveyor roller 1.0 - 1.2 mm, U-groove	1016112
Conveyor roller 1.2 - 1.6 mm, U-groove	1016116

## CRAFT-MIG.PRO 201P MULTI SYNERGIC

# MIG/MAG WELDING MACHINE - 4 IN 1 SYSTEM - MMA, MIG/MAG, TIG AC/DC, TIG DC IDEAL MACHINE FOR EVERY ASSEMBLY VEHICLE

- ▶ MMA AC and MMA DC welding - ideal for all common electrode types
- ▶ MIG/MAG synergy characteristics - 3 steps to the welding result, machine is perfect for thin sheet metal welding and up to a maximum sheet thickness of 6 mm in a single layer
- ▶ Integrates all functions of our Craft-Tig Pro 201 P AC / DC - Welds all common materials including aluminium. In addition, the spot function enables perfect stapling
- ▶ Inverter technology ensures a stable welding current and work with different material thicknesses
- ▶ Automatic voltage adjustment ensures stable operation
- ▶ PFC control enables use on cable drums and smoothes current consumption
- ▶ LCD display for easy setting of welding parameters
- ▶ Thermal overload protection for maximum safety
- ▶ Suitable for use on the generator
- ▶ 3-Year Craftweld warranty
- ▶ Note: Machine is supplied without accessories



**ASK FOR YOUR PERSONALISED OFFER!**

Model		CRAFT-MIG.PRO 201P Multi Synergic
Article no.		1361145
Setting range		
MIG/MAG	A	30 – 200
TIG DC	A	10 – 200
Electrode	A	10 – 200
Duty cycle		
at max. current 40°C	%	30
Current at duty cycle 60% 40°C	A	140
Current at duty cycle 100% 40°C	A	110
Power consumption		
MIG/MAG	kVA	6.2
Electrode	kVA	7
TIG DC	kVA	5.1
Power factor	cos phi	0.999
Efficiency	%	80
Conveyor rollers		
Feed roller diameter	mm	0.8 - 1.0

Wire feed		
Weldable wires, steel	mm	0.6 – 1.0
Weldable wires, stainless steel	mm	0.8 – 1.0
Weldable wires, aluminium	mm	0.8 – 1.0
Weldable wires, CuSi	mm	0.8 – 1.0
Weldable wires, filler wire	mm	0.8 – 1.0
Wire feed unit	Roll	2
Wire feed speed	m/min	1.5 – 16.5
Electrical connection		
Required generator output	kVA	7
Open circuit voltage	V	72
Power consumption	A	26.8
Electrical connection ~ 50 Hz	V	110/230
Standards and authorisations		
EMC - class		A
Dimensions and weights		
Dimensions (L x W x H)	mm	630 x 240 x 420
Weight approx.	kg	20

**Scope of delivery**

- ▶ Gas hose 4 m



**MIG / MAG - WELDING PULSE**

# CRAFT-MIG. PRO PULSE SERIES

## HIGH-PERFORMANCE IMPULSE WELDING MACHINES

### MADE FOR HEAVY-DUTY USE

#### LCD DISPLAY

Particularly clear and simple operation via LCD display

#### INVERTER

Modern and ultra-robust inverters in the latest modular design.

#### SYNERGY FUNCTION

The synergy function allows the material thickness and power to be steplessly adjusted and the wire to adapt

#### SETTING IN THREE STEPS

Quickly achieve the perfect result after adjustment in three steps: (1) Gas, material, diameter (2) 2/4 cycle, points, interval (3) Material thickness

#### STEPLESS CONTROLLABILITY

Sensitive adjustment thanks to stepless controllability. Your advantage: Quickly achieve the perfect result

#### STANDARD EQUIPMENT

2-stroke/4-stroke, spot and interval welding, gas test function, adjustable throttle, operating and overload indicator, temperature-controlled fan

#### HIGH DUTY CYCLE

High duty cycle paired with maximum robustness - made for the toughest applications

#### 3-YEAR CRAFTWELD - WARRANTY

We stand by our quality!

#### CRAFT-MIG PRO 201 P PULSE/ CRAFT-MIG PRO 253 PULSE

Portable for mobile use and optionally with water cooling (Art-No: 1362900) and trolley (1362901)

**Neu**



CRAFT-MIG PRO 201 P PULSE

CRAFT-MIG PRO 253 PULSE

**Neu**



CRAFT-MIG.PRO 353 PULSE W

CRAFT-MIG PRO 353WS PULSE

CRAFT-MIG PRO 503WS PULSE

Model		<b>Neu</b>	<b>Neu</b>	<b>Neu</b>		
		CRAFT-MIG.PRO 201 P Pulse	CRAFT-MIG. PRO 253 Pulse	CRAFT-MIG.PRO 353 Pulse W	CRAFT-MIG. PRO 353WS Pulse	CRAFT-MIG. PRO 503WS Pulse
Article no.		1362021	1362025	1362033	1362035	1362050
<b>Setting range</b>						
Setting range		20 – 200	30 – 315	10 - 350	30 – 350	30 - 500
Gearshifts		Stepless	Stepless	Stepless	Stepless	Stepless
<b>Duty cycle</b>						
Duty cycle at max. current 40°C	%	60	40	60	60	60
Current at duty cycle 60% 40°C	A	165	245	350	350	500
Current at duty cycle 100% 40°C	A	130	200	270	275	390
<b>Power consumption</b>						
MIG/MAG power consumption	kVA	14.2	14.2	12.4	15.8	25.4
Electrode power consumption	kVA	7.5	7.5	9.8	13.2	21.2
<b>Cooling</b>						
Cooling type		Intelligent	Intelligent	Intelligent	Intelligent	Intelligent
Torch cooling		Gas	Gas	Gas	Water	Water
<b>Wire feed</b>						
Weldable wires, steel	mm	0.6 – 1.2	0.8 – 1.2	0.8 - 1.6	0.8 – 1.2	0.8 – 1.6
Weldable wires, stainless steel	mm	0.6 – 1.2	0.8 – 1.2	0.8 - 1.6	0.8 – 1.2	0.8 – 1.6
Weldable wires, aluminium	mm	1.0 – 1.2	1.0 – 1.2	1.0 - 1.6	1.0 – 1.2	1.0 – 1.6
Wire feed unit	Rollers	4	4	4	4	4
Wire feed speed	m/min	1.5 – 24	1.0 – 24	1.5 - 24	1.0 – 24	1.0 – 24
<b>Electrical connection</b>						
Required generator output	kVA	>7	20	13	21	28
Positive mains voltage tolerance	%	10	10		10	10
Negative mains voltage tolerance	%	10	10		10	10
Open circuit voltage	V	94.4	75	76	77	94
Connection cable length	m	3	5		5	5
Power consumption	A	20.9	15	26.5	17.1	28.4
Connection voltage	V/Hz	230 /~50	400 /~50	400 /~50	400 /~50	400 /~50
<b>Dimensions and weights</b>						
Dimensions (L x W x H)	mm	580 x 230 x 400	835 x 510 x 720	1100 x 530 x 850	835 x 510 x 720	935 x 550 x 1325
Weight	kg	25	39	66.5	59	59

**ASK FOR YOUR PERSONALISED QUOTE OR REQUEST FOR A FREE AND NON-BINDING DEMONSTRATION!**

## MIG/MAG WELDING TORCH, WATER-COOLED

- ▶ Ideal if the best possible welding results are to be achieved with a torch neck geometry
- ▶ Thanks to the slim, straight handle, the torch sits neutrally in the hand and allows different postures and flexibility in the torch neck alignment
- ▶ Very hard-wearing and particularly well protected against mechanical deformation thanks to the double fixation of the burner neck
- ▶ Coated torch necks and robust design for use at high process temperatures
- ▶ Durable, screw-on gas nozzles with integrated, replaceable splash guard
- ▶ Proven ergonomic handle - provides support in all positions
- ▶ Support for multifunctional burner with display



## CONVEYOR ROLLERS

Designation	Art. no.
<b>Single steel and stainless steel wire</b>	
Conveyor roller 0.8 - 1.0 mm, V-groove	1016010
Conveyor roller 1.0 - 1.2 mm, V-groove	1016012
Conveyor roller 1.2 - 1.6 mm, V-groove	1016016
<b>Individual conveyor rollers for filler wire</b>	
Conveyor roller 1.0 - 1.2 mm, K-groove	1016202
<b>Individual conveyor rollers for aluminium wire</b>	
Conveyor roller 0.8 - 1.0 mm, U-groove	1016110
Conveyor roller 1.0 - 1.2 mm, U-groove	1016112
Conveyor roller 1.2 - 1.6 mm, U-groove	1016116

Technical data	W 340D	W 440D	W 540D
Shielding gas	CO <sub>2</sub> , mixed gas	CO <sub>2</sub> , mixed gas	CO <sub>2</sub> , mixed gas
Welding current CO <sub>2</sub>	400 A	500 A	600 A
Welding current Mixed gas	350 A	450 A	550 A
Duty cycle	100 %	100 %	100 %
Wire diameter	0.8 – 1,2 mm	0.8 – 1.6 mm	1.0 – 1.6 mm

Model		Trolley for Craft-Mig	Feed case	Cooling unit 400V
Article no.		1362035-5	1362035-2	1362035-4
<b>Weight</b>				
Weight (net)	kg	31.5	20.5	16
Weight (gross)	kg	34	23	18.5

Designation	Art. no.
W 340D 3m	1059940
W 340D 4m	1059941
W 340D 5m	1059942
W 440D 3m	1059943
W 440D 4m	1059944
W 440D 5m	1059945
W 540D 3m	1059946
W 540D 4m	1059947
W 540D 5m	1059948





**MIG / MAG TORCH**



## TORCH BK 25/35 GAS-COOLED MIG/MAG WELDING TORCH SET

- ▶ MIG-MAG torch SMB 25, 4 m,
- ▶ Ground cable 4 m, 35 mm<sup>2</sup>
- ▶ 315 bar argon/CO<sub>2</sub> pressure reducer

MIG/MAG welding torch	Art. no.
for CRAFT-MIG 253-4 / CRAFT-MIG 303-4	
<b>BK 25/35</b>	1092510

Technical data	BK 25/35
Welding current CO <sub>2</sub>	180 A
Welding current Mixed gas	150 A
gas	
Duty cycle	60 %
Wire diameter	0.8 – 1,2 mm



## TORCH SMB 25 GAS-COOLED

MIG/MAG welding torch	Art. no.
for Craft-Mig 253-4/ Craft-Mig 303-4	
<b>SMB 25/3 m</b>	1090253
<b>SMB 25/4 m</b>	1090254
<b>SMB 25/5 m</b>	1090255

Technical data	SMB 25
Shielding gas	M21 mixed gas
Welding current CO <sub>2</sub>	230A
Welding current Mixed gas	200A
Duty cycle	60%
Wire diameter	0.8 – 1.2 mm
Contact tip	Steel, 1.0 mm

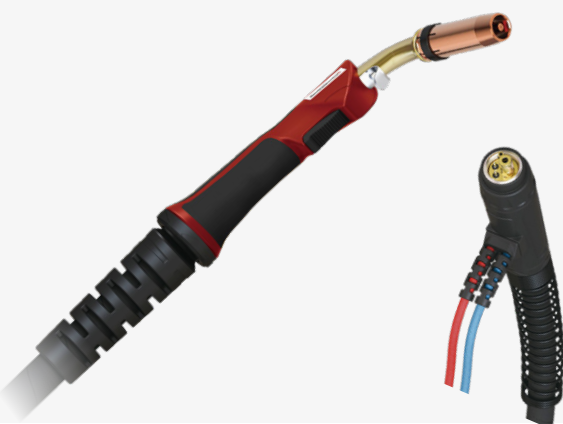


## TORCH SMB 36 GAS-COOLED

Designation	Art. no.
MIG/MAG torch SMB 36, 3 m	1090363
MIG/MAG torch SMB 36, 4 m	1090364
MIG/MAG-Torch set BK 36/50	1093611

- comprises:
- MIG-MAG torch SMB 36, 4 m,
  - Ground cable 50mm<sup>2</sup> 4 m,
  - Pressure reducer 315 bar Argon/CO<sub>2</sub>

Technical data SMB 36:	
Shielding gas	CO <sub>2</sub> , mixed gas
Welding current CO <sub>2</sub>	300A
Welding current Mixed gas	270A
Duty cycle	60%
Wire diameter	0.8 – 1.2 mm



## TORCH SMB 400 WATER-COOLED

Designation	Art. no.
MIG/MAG torch SMB 400, 3 m	1090403
MIG/MAG torch SMB 400, 4 m	1090404
MIG/MAG-Torch set BK 400/50	1094010

- comprises:
- MIG-MAG torch SMB 400, 4 m,
  - Earth cable 50mm<sup>2</sup> 4 m,
  - Pressure reducer 315 bar Argon/CO<sub>2</sub>

Technical data SMB 400:	
Shielding gas	CO <sub>2</sub> , mixed gas
Welding current CO <sub>2</sub>	400A
Welding current Mixed gas	350A
Duty cycle	100%
Wire diameter	0.8 – 1.6 mm

## WEAR PART SETS

Wear parts set	Art. no.
<b>VTS SMB25 / MB 25</b>	1092501
<ul style="list-style-type: none"> <li>1 x red sorting box</li> <li>3 x retaining spring MB 25</li> <li>2 x nozzle holder M6/M8/35 mm MB25</li> <li>5 x current nozzle, M6-ECu 0.8 mm</li> <li>5 x current nozzle, M6-ECu 1.2 mm</li> <li>2 x gas nozzle, conical, MB25</li> <li>1 x gas nozzle, cylindrical, MB 25</li> </ul>	



Wear parts set	Art. no.
<b>VTS SMB36 / MB36</b>	1093601
<ul style="list-style-type: none"> <li>1 x red sorting box</li> <li>2 x nozzle holder M6/M8/35 mm</li> <li>3 x standard gas distributors</li> <li>5 x current nozzle, M6-ECu 0.8 mm</li> <li>5 x current nozzle, M6-ECu 1.0 mm</li> <li>5 x current nozzle, M6-ECu 1.2 mm</li> <li>4 x gas nozzle, conical</li> <li>1 x cylindrical gas nozzle</li> </ul>	



Wear parts set	Art. no.
<b>VTS SMB400-401-500-501</b>	1094001
<ul style="list-style-type: none"> <li>1 x red sorting box</li> <li>2 x ring</li> <li>2 x nozzle holder M8</li> <li>3 x standard gas distributors</li> <li>5 x current nozzle M8-ECu 1.0 mm</li> <li>10 x current nozzle M8-ECu 1.2 mm</li> <li>4 x gas nozzle, conical, MB401</li> <li>1 x gas nozzle, cylindrical</li> </ul>	



## Intermediate hosepacks

### WATER-COOLED

Designation	Art. no.
70 mm <sup>2</sup> , 1.5 m	1018020
70 mm <sup>2</sup> , 5 m	1018021
70 mm <sup>2</sup> , 10 m	1018022



## UNIVERSAL TORCH HOLDER

Designation	Art. no.
<ul style="list-style-type: none"> <li>Torch holder and hose hook in one part</li> <li>For mounting on the housing of a welding machine</li> </ul>	
<b>Universal torch holder</b>	1090011



## GROUND CABLE/PRESSURE REDUCER

Designation	Art. no.
<b>Ground cable</b> , 35 mm <sup>2</sup> , 4 m complete with clamp	1250235
<b>Pressure reducer</b> with content and working pressure gauge	1700050



## COUNTER PRESSURE ROLLER

Designation	Art. no.
<b>Counter pressure roller smooth</b>	1016202

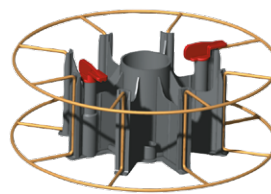


## BASKET COIL ADAPTER

Designation	Art. no.
<ul style="list-style-type: none"> <li>one-piece</li> <li>pluggable</li> </ul>	
<b>KA 1</b>	1110001
<ul style="list-style-type: none"> <li>with quick-release fastener</li> </ul>	
<b>KA 2</b>	1110005



KA 1



KA 2

## CONVEYOR ROLLER

Designation	Art. no.
<b>0.8/1.0 mm V-groove</b>	1016010
<b>1.0/1.2 mm V-groove</b>	1016012
<b>1.2/1.6 mm V-groove</b>	1016016
<b>0.8/1.0 mm U-groove</b>	1016110
<b>1.0/1.2 mm U-groove</b>	1016112
<b>1.2/1.6 mm U-groove</b>	1016116
<b>1.0/1.2 mm K-groove</b>	1016210





# TIG - WELDING

craftweld

## TIG INVERTER CRAFT-TIG PRO 201DC P PULSE / CRAFT-TIG PRO 201 AC/DC P PULSE BUILT USING MODERN INVERTER TECHNOLOGY

### UNIVERSALLY APPLICABLE

For welding all common types of electrodes

### PROTECTION CLASS IP 21S

Suitable for use on generators, for example in workshops, schools, metal construction, on building sites or for farmers

### POWER FACTOR CORRECTION PFC

Power factor correction PFC for problem-free use even on cable reels

### LC DISPLAY

Precise setting and display of welding parameters via large LC display

### TIG PULSES

TIG pulsing at 999 Hz enables welding with reduced heat input

### HF HIGH-FREQUENCY IGNITION:

HF high-frequency ignition ignites during TIG welding without touching the workpiece

### STAPLING FUNCTION

Equipped with stapling function 0.2 s

### MULTIVOLTAGE

Multi-voltage from 110 to 230 volts

### 10 PROGRAMMES

storable

### FAN

Quiet-running fan with good heat dissipation for long switch-on times

### CRAFT-TIG PRO 201 AC/DC P PULSE:

- ▶ AC triangle wave welding output: Reduced heat input for the same current setting, particularly useful for welding thin metal
- ▶ Alternating current sine wave welding output: Traditional AC TIG welding waveform, quieter, "softer" arc characteristics
- ▶ AC square wave: Focussed arc for maximum penetration, fast travel speed with optimum directional control

### SCOPE OF DELIVERY:

Ground cable 16 mm<sup>2</sup> 4 m with 300 A clamp  
TIG torch SR26, 4 m  
Gas hose 12x6 mm 4 m  
Pressure reducer, large

Equipment	CRAFT-TIG PRO 201DC P Pulse	CRAFT-TIG PRO 201 AC/DC P Pulse
Power factor correction	✓	✓
TIG pulsing process	✓	✓
MMA process	✓	✓
LC display	4"	4"
Single Spot	✓	✓
Multi Spot	✓	✓
Water cooling connection		✓

## OPERATION

- SELECT BUTTON**  
▶ HF/TIG, Lift-Arc and MMA
- SELECTOR BUTTON - DC**  
▶ AC / DC
- SELECTOR BUTTON - 2T / 4**
- SELECTOR BUTTON - NO PULSE / PULSE / SINGLE SPOT / MULTI SPOT**
- SELECTOR BUTTON JOB MEMORY**
- PARAMETER SETTING**  
▶ Gas lead time, starting current, current rise time



- SELECT BUTTON**  
▶ Welding current
- PARAMETER SETTING**  
▶ Electricity setback time, end of electricity, gas run-on time
- WATER COOLING**
- TUNGSTEN ELECTRODE SETTING**
- USED FOR AC WELDING**  
▶ Setting balance and frequency


**CRAFT-TIG PRO 201DC P PULSE**

**CRAFT-TIG PRO 201 AC/DC P PULSE**


Model		CRAFT-TIG PRO 201DC P Pulse	CRAFT-TIG PRO 201 AC/DC P Pulse
Article no.		1364201	1364202
<b>Electrode</b>			
Weldable electrodes	mm	1.6 – 4.0	1.6 – 4.0
<b>Setting range</b>			
TIG setting range	A	10 – 200	10 – 200
Setting range for electrode	A	10 – 200	10 – 200
<b>Duty cycle</b>			
Duty cycle at max. current 40°C, TIG	%	50	35
Duty cycle at max. current 40°C, Electrode	%	30	35
Current at 100% duty cycle, 40°C TIG	A	145	110
Current at duty cycle 100% 40°C Electrode	A	110	110
<b>Power consumption</b>			
Power consumption TIG	kVA	4.7	4.8
Electrode power consumption	kVA	6.9	7
<b>Electrical connection</b>			
Required generator output	kVA	>9	>9
Open circuit voltage	V	TIG 66 / Electrode 64	TIG AC 75.7 / TIG DC 65.8 / Electrode 65.8
Connection cable length	m	3	3
<b>Device data</b>			
Pulse rate	Hz	0.5 – 999	0.5 – 999
Ignition		High Frequency	High Frequency
Torch cooling		Gas	Gas / Water
<b>Electrical data</b>			
Overall performance	kVA	6.9/4.7	7.0/4.8
Power factor	cos phi	0.99	0.99
Current consumption TIG AC	A	–	19.9
Current consumption TIG DC	A	19.5	21.7
Current consumption electrode AC	A	–	28.9
Current consumption electrode DC	A	28.7	30.9
Connection voltage	V	110/230 /~50 Hz	110/230 /~50 Hz
<b>Standards and authorisations</b>			
Standard		EN 60974-1:2012, EN 60974-10:2014	
EMC - class		A	A
<b>Dimensions and weights</b>			
Dimensions (L x W x H) approx.	mm	545.5 x 190 x 360	545.5 x 190 x 360
Weight approx.	kg	12.4	14.4

## TIG INVERTER CRAFT-TIG PRO 253 DC PULSE WELDING MACHINES FOR THE HIGHEST DEMANDS, ALWAYS THE RIGHT WAVE FOR YOUR TASK

### UNIVERSALLY APPLICABLE

For welding all common types of electrodes

### PROTECTION CLASS IP 21S

Ideally suited for assembly work thanks to protection class IP 21S, generally also for outdoor work

### AREAS OF APPLICATION

Suitable for use on generators, for example in workshops, schools, metal construction, on building sites or for farmers

### FAN

Quiet-running fan with good heat dissipation for long switch-on times

### LC DISPLAY

Precise setting and display of welding parameters via large LC display

### TIG PULSES

TIG pulsing at 999 Hz enables welding with reduced heat input

### STAPLING FUNCTION

Equipped with stapling function 0.2 seconds

### HF HIGH-FREQUENCY IGNITION

HF high-frequency ignition ignites during TIG welding without touching the workpiece

### 10 PROGRAMMES

storable

### TUNGSTEN ELECTRODE

Adjustable diameter of the tungsten electrode

### SCOPE OF DELIVERY:

Ground cable 25 mm<sup>2</sup> 4 m with 300 A clamp  
TIG torch SR26, 4 m  
Gas hose 12 x 6 mm, 4 m  
Pressure reducer, large

## OPERATION



**1 SELECT BUTTON**  
▶ HF/TIG, Lift-Arc and MMA

**2 SELECT BUTTON**  
▶ 2T / 4T

**3 SELECT BUTTON -**  
▶ No Pulse / Pulse / SingLE Spot / Multi Spot

**4 SELECTOR BUTTON JOB MEMORY**

**5 PARAMETER SETTING**  
▶ Gas lead time, starting current, current rise time

**6 SELECT BUTTON**  
▶ Welding current

**7 PARAMETER SETTING**  
▶ Electricity setback time, end of electricity, gas run-on time

**8 WATER COOLING**

**9 TUNGSTEN ELECTRODE SETTING**

Equipment
TIG pulsing process
MMA process
LC display 4"
Single Spot
Multi Spot
Water cooling connection



CRAFT-TIG PRO 253 DC PULSE



Model	CRAFT-TIG PRO 253 DC Pulse	
Article no.	1364253	
<b>Setting range</b>		
TIG setting range	A	10 – 250
Setting range for electrode	A	10 – 250
<b>Duty cycle</b>		
Duty cycle at max. current 40°C TIG	%	60
Duty cycle at max. current 40°C, Electrode	%	60
Current at 100% duty cycle, 40°C TIG	A	195
Current at duty cycle 100% 40°C Electrode	A	195
<b>Power consumption</b>		
Power consumption TIG	kVA	6
Electrode power consumption	kVA	8.6
<b>Electrical connection</b>		
Required generator output	kVA	>12
Open circuit voltage	V	TIG 71.3 / Electrode 71.4
Connection cable length	m	3
<b>Device data</b>		
Pulse rate	Hz	0.5 – 999
Ignition	High Frequency	
Torch cooling	Gas / Water	
<b>Electrical data</b>		
Overall performance	kVA	12.8/10.0
Power factor	cos phi	0.66
Current consumption TIG DC	A	13.2
Current consumption electrode DC	A	18.2
Connection voltage	V/Hz	400/~50
<b>Standards and authorisations</b>		
Standard	EN 60974-1:2012, EN 60974-10:2014	
EMC - class	A	
<b>Dimensions and weights</b>		
Dimensions (L x W x H) approx.	mm	545.5 x 190 x 360
Weight approx.	kg	12.8

## TIG-INVERTER CRAFT-TIG PRO 323 / CRAFT-TIG PRO 503 AC/DC PULSE BUILT USING MODERN INVERTER TECHNOLOGY

### UNIVERSALLY APPLICABLE

For welding all common types of electrodes

### PROTECTION CLASS IP 21S

Suitable for use on generators, for example in workshops, schools, metal construction, on building sites or for farmers

### POWER FACTOR CORRECTION PFC

Power factor correction PFC for problem-free use even on cable reels

### LC DISPLAY

Precise setting and display of welding parameters via large LC display

### TIG PULSES

TIG pulsing at 999 Hz enables welding with reduced heat input

### AC TRIANGLE WAVE WELDING OUTPUT

Reduced heat input for the same current setting, particularly useful for welding thin metal

### ALTERNATING CURRENT SINE WAVE WELDING OUTPUT

Traditional AC TIG welding waveform, quieter, "softer" arc characteristics

### ALTERNATING CURRENT SQUARE WAVE

Focused arc for maximum penetration, fast travel speed with optimum directional control

### HF HIGH-FREQUENCY IGNITION:

HF high-frequency ignition ignites during TIG welding without touching the workpiece

### STAPLING FUNCTION

Equipped with stapling function 0.2 s

### MULTIVOLTAGE

Multi-voltage from 110 to 230 volts

### 10 PROGRAMMES

storable

### FAN

Quiet-running fan with good heat dissipation for long switch-on times

### WATER COOLING UNIT

with 7 litres and trolley as standard

### SCOPE OF DELIVERY:

Ground cable 35 mm<sup>2</sup> 4 m with 300 A clamp (Pro 323)  
Ground cable 70 mm<sup>2</sup> 4 m with 500 A clamp (Pro 503)  
TIG torch SR18, 4 m water-cooled  
Gas hose 12 x 6 mm, 4 m  
Pressure reducer, large

## OPERATION

- 1 SELECT BUTTON**  
▶ HF/TIG, Lift-Arc and MMA
- 2 SELECTOR BUTTON - DC**  
▶ Waveform selection button
- 3 SELECTOR BUTTON - 2T / 4T MODE**
- 4 SELECTOR BUTTON - NO PULSE / PULSE / SINGLE SPOT / MULTI SPOT**
- 5 SELECTOR BUTTON JOB MEMORY**
- 6 PARAMETER SETTING**  
▶ Gas lead time, starting current, current rise time



- 7 SELECT BUTTON**  
▶ Welding current
- 8 PARAMETER SETTING**  
▶ Electricity setback time, end of electricity, gas run-on time
- 9 WATER COOLING**
- 10 TUNGSTEN ELECTRODE SETTING**
- 11 USED FOR AC WELDING**  
▶ Setting balance and frequency

**Equipment**

TIG pulsing process  
MMA process  
LC display 5"  
Single Spot  
Multi Spot  
Water cooling unit  
7 l / 400 V with 1 m  
connection cable  
Trolley with two swivel  
rollers at the front, two  
fixed rollers at the rear  
and gas bottle holder


**CRAFT-TIG PRO 323 AC/DC PULSE**


Model		CRAFT-TIG PRO 323 AC/DC Pulse	CRAFT-TIG PRO 503 AC/DC Pulse
Article no.		1364323	1364503
<b>Setting range</b>			
TIG setting range	A	10 – 320	10 – 500
Setting range for electrode	A	10 – 320	10 – 500
<b>Duty cycle</b>			
Duty cycle at max. current 40°C TIG	%	60	60
Duty cycle at max. current 40°C, Electrode	%	60	60
Current at 100% duty cycle, 40°C TIG	A	250	390
Current at duty cycle 100% 40°C Electrode	A	250	390
<b>Power consumption</b>			
Power consumption TIG	kVA	9	17
Electrode power consumption	kVA	12.5	31
<b>Electrical connection</b>			
Required generator output	kVA	>18	31
Open circuit voltage	V	TIG 74 / Electrode 74.5	MMA AC/DC 85, TIG AC 88, TIG DC 85
Connection cable length	m	4	4
<b>Device data</b>			
Pulse rate	Hz	0.5 – 999	0.5 – 999
Ignition		High frequency	High frequency
Torch cooling		Gas / Water	Gas / Water
<b>Electrical data</b>			
Power factor	cos phi	0.67	0.7
Current consumption TIG AC	A	18.7	34
Current consumption TIG DC	A	18.9	35.7
Current consumption electrode AC	A	23.5	42.7
Current consumption electrode DC	A	24.7	44.7
Connection voltage	V/Hz	400/~50	400±10% / 50/60
<b>Standards and authorisations</b>			
Standard		EN 60974-1:2012, EN 60974-10:2014	EN 60974-1:2012, EN 60974-10:2014
EMC - class		A	A
<b>Dimensions and weights</b>			
Dimensions (L x W x H) approx.	mm	700 x 260 x 484	710x 270 x 490
Weight approx.	kg	29.7	32.6

## WIRELESS HANDHELD REMOTE CONTROL



Article no. 1174100

- ▶ Parallel remote control of up to ten welding units possible
- ▶ All parameter settings can be conveniently adjusted on the wireless remote control
- ▶ With integrated Li-ion battery with enough power for approx. 8 hours of use
- ▶ Charging via micro USB port

Designation	Art. no.
Cooling unit 400V / 4 litres (CRAFT-TIG PRO 253 DC Pulse only)	1174102
Cooling unit 230V (CRAFT-TIG PRO 201 AC/DC only)	1174101
Trolley (CRAFT-TIG Pro 201 AC / DC / CRAFT TIG PRO 253 DC only)	1174103
Ground cable 35 mm <sup>2</sup> 4m 13 mm with 400 A clamp	1250235
Welding cable 25 mm <sup>2</sup> complete with 260 A electrode holder, length 4 m, Coupling plug, Mandrel 13 mm	1250361
Argon/CO <sup>2</sup> pressure reducer	1700050
Coolant SKF 15 5l - canister (ready-mixed)	1030105
Coolant SKF 15 10l - canister (ready-mixed)	1030110
Coolant SKF 15 25l - canister (ready-mixed)	1030125
Control cable complete with plug	1104011
Control cable plug 12-pin incl. contact pins	1104012
Remote foot control with 5 m connection cable	1174009
Adapter/coupling nut 1/4" AG x M12x1 IG, conical sealing	1104001



Electrode cable 25 mm<sup>2</sup>



Pressure reducer



Coolant



Ground cable 35 mm<sup>2</sup>



Remote foot control



Trolley

## TIG WELDING TORCH SR 18

### WATER-COOLED

- ▶ Enables precise control without taking your hand off the torch
- ▶ Handle shell with optimum weight distribution for easy welding with little effort
- ▶ Ball joint enables better balance of the handle, reduces the weight and increases the welder's freedom of movement
- ▶ Non-slip rubber coating for a firm grip
- ▶ Cable with unique flexibility thanks to the leather cover at the end of the sheath and good resistance to weathering and chemical substances

- ▶ Welding current control during welding from minimum to maximum welding current



#### Torch Up/Down

TIG torch	Art. no.
SR 18 4m	1104024
SR 18 8m	1104028
SR 18 4m, Up/Down	1104034
SR 18 8m, Up/Down	1104038

Technical data	SR 18
<b>Cooling</b>	<b>water-cooled</b>
Connection	TSK 50-1/4G
Duty cycle DC	320 A (DC), duty cycle 100%
Duty cycle AC	270 A (AC), duty cycle 100%
Electrode diameter	0.5 – 4.0 mm

#### WEAR PARTS SET

VTS SR 17/18/26 for SR 18	Art. no.
1x short torch cap	3.2/4.0 mm each
1x medium torch cap	1x gas nozzle size 5 / 8 mm
1x long torch cap	1x gas nozzle size 6 / 9.8 mm
1x clamping sleeve 1.6 / 2.4 / 3.2/4.0 mm each	1x gas nozzle size 7 / 11.2 mm
1x clamping sleeve housing 1.6 / 2.4 /	1x gas nozzle size 8 / 12.7 mm
	1x gas nozzle size 10 / 15.7 mm
	1x Teflon seal for nozzle



## TIG WELDING TORCH SR 26

### GAS-COOLED

- ▶ Enables precise control without taking your hand off the torch
- ▶ Handle shell with optimum weight distribution for easy welding with little effort
- ▶ Ball joint enables better balance of the handle, reduces the weight and increases the welder's freedom of movement
- ▶ Non-slip rubber coating for a firm grip
- ▶ Cable with unique flexibility thanks to the leather cover at the end of the sheath and good resistance to weathering and chemical substances

#### Torch Up/Down

- ▶ Welding current control during welding from minimum to maximum welding current



TIG torch	Art. no.
SR 26 4m	1104004
SR 26 8m	1104008
SR 26 4m, Up/Down	1104014
SR 26 8m, Up/Down	1104018

Technical data	SR 26
<b>Cooling</b>	<b>gas-cooled</b>
Connection	TSK 50-1/4G
Duty cycle DC	180 A (DC), duty cycle 35%
Duty cycle AC	150 A (AC), duty cycle 35%
Electrode diameter	0.5 – 4.0 mm

#### WEAR PARTS SET

VTS SR 17/18/26 Mini for SR 26	Art. no.
1x short torch cap	1x Teflon seal
1x medium torch cap	1x gas lens each 1.6/2.4/3.2 mm
1x long torch cap	1x gas lens 2.4 mm
1x Teflon seal for nozzle	2x gas nozzle, gas lens size 6
2x clamping sleeve 1.6/2.4/3.2 mm	2x tungsten electrode gold 1.6 mm
2x clamping sleeve housings 1.0 mm	2x tungsten electrode gold 2.4 mm
2x gas nozzle d=9.8mm	2x tungsten electrode gold 3.2 mm



## GROUND CABLE

Designation	Art. no.
Ground cable complete with clamp 4 m	
35 mm <sup>2</sup> , MK4/35 KS13 400A	1250235
50 mm <sup>2</sup> , MK4/50 KS13 600A	1250250
70 mm <sup>2</sup> , MK4/70 KS13 600A	1250270
95 mm <sup>2</sup> , MK4/95 KS13 600A	1250295



## ACCESSORY SET

Designation	Art. no.
▶ Aluminum transport box 782 x 385 x 379 mm	
▶ TIG welding torch, gas-cooled ABITIG 200 19 4m or 8m	
▶ Ground cable complete with MK4/25 KS13 200A clamp	
▶ Argon/CO <sub>2</sub> pressure reducer, large	
<b>ABITIG 200 19 4m</b>	1490035
<b>ABITIG 200 19 8m</b>	1410008



## ACCESSORIES

Designation	Art. no.
Argon/CO <sub>2</sub> pressure reducer	1700050
Coolant SKF 15 10l - canister (ready-mixed)	1030110
Foot remote control	1499010
Aluminum transport box 782 x 385 x 379 mm	1499900



Foot remote control



Coolant



Transport box



Pressure reducer

## ACCESSORIES

Designation	Art. no.
<b>CAN connection cable 5m</b> (TIG inverter on CONTROL.PRO)	1033679
<b>Automation interface</b> Interface	1033681
<b>Adapter cable</b> 7- to 12-pole torch, gas/water-cooled without potentiometer	1466001
<b>Programme transmitter</b> - for exchanging welding programmes between the same machine types	1411500
<b>Toolbox retrofit kit</b> for compact appliances	1060273



Programme transmitter

## PRESSURE REDUCER

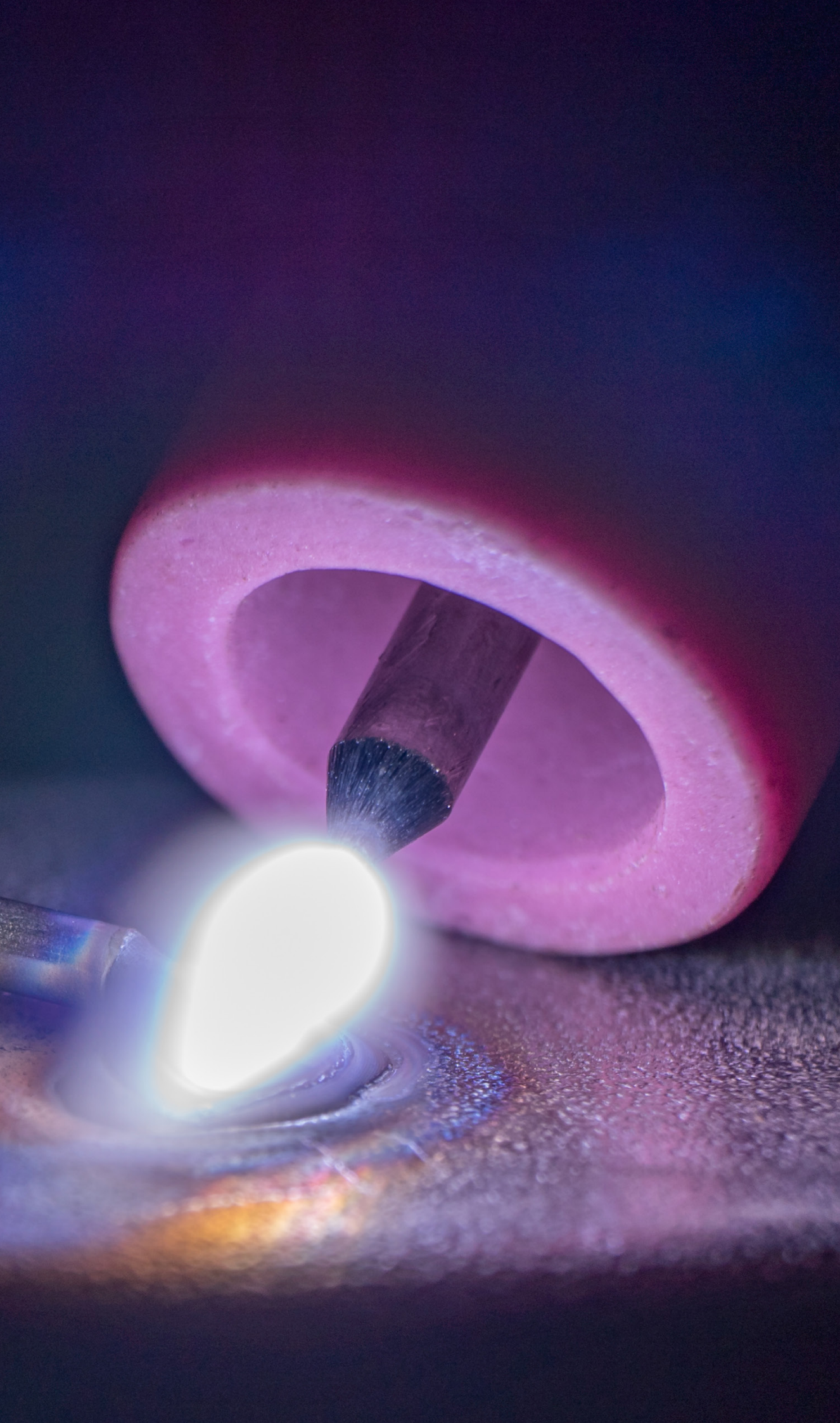
Designation	Art. no.
<b>Pressure reducer</b> Argon/CO <sub>2</sub> , large with content and working pressure gauge	1700050



## COOLANT










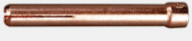







Designation	Art. no.
<b>Coolant</b> SKF 15 / 5 l	1030105
<b>Coolant</b> SKF 15 / 10 l	1030110
<b>Coolant</b> SKF 15 / 25 l	1030125





**TIG TORCH WEAR PARTS**

## TORCH ACCESSORIES FOR TORCH SR17, SR 18, SR 26

	No.	Designation	Ø / Nominal diameter	Art. no.	PU <sup>(1)</sup>
	1	Gas nozzle 47 mm	6.4 mm	1100304	10
		Gas nozzle 47 mm	8.0 mm	1100305	10
		Gas nozzle 47 mm	9.8 mm	1100306	10
		Gas nozzle 47 mm	11.2 mm	1100307	10
		Gas nozzle 47 mm	12.7 mm	1100308	10
		Gas nozzle 47 mm	15.7 mm	1100310	10
		Gas nozzle 47 mm	19.0 mm	1100312	10
	4	Teflon seal for nozzle		1100105	10
	No.	Designation	Ø / Nominal diameter	Art. no.	PU <sup>(1)</sup>
	2	Clamping sleeve housing	1.0 mm	1100210	10
		Clamping sleeve housing	1.6 mm	1100216	10
		Clamping sleeve housing	2.4 mm	1100224	10
		Clamping sleeve housing	3.2 mm	1100232	10
		Clamping sleeve housing	4.0 mm	1100240	10
	No.	Designation	Ø / Nominal diameter	Art. no.	PU <sup>(1)</sup>
	3	Clamping sleeve	1.0 mm	1100110	10
		Clamping sleeve	1.6 mm	1100116	10
		Clamping sleeve	2.4 mm	1100124	10
		Clamping sleeve	3.2 mm	1100132	10
		Clamping sleeve	4.0 mm	1100140	10
	No.	Designation	Ø / Nominal diameter	Art. no.	PU <sup>(1)</sup>
		Gas nozzle for gas lens size 4	6.4 mm	1100314	10
		Gas nozzle for gas lens size 5	8.0 mm	1100315	10
		Gas nozzle for gas lens size 6	9.8 mm	1100316	10
		Gas nozzle for gas lens size 7	11.2 mm	1100317	10
		Gas nozzle for gas lens size 8	12.7 mm	1100318	10
	No.	Designation	Ø / Nominal diameter	Art. no.	PU <sup>(1)</sup>
	8	Gas lens	1.0 mm	1103010	5
		Gas lens	1.6 mm	1103016	5
		Gas lens	2.4 mm	1103024	5
		Gas lens	3.2 mm	1103032	5
		Gas lens	4.0 mm	1103040	5
		Teflon seal for gas lens		1100107	10



**Wear parts set for SR 17/18 and 26**  
 1x short torch cap  
 1x medium torch cap  
 1x long torch cap

1x gas nozzle size 5 / 8 mm  
 1x gas nozzle size 6 / 9.8 mm  
 1x gas nozzle size 7 / 11.2 mm  
 1x gas nozzle size 8 / 12.7 mm  
 1x gas nozzle size 10 / 15.7 mm

1x clamping sleeve 1.0 mm  
 1x clamping sleeve 1.6 mm  
 1x clamping sleeve 2.4 mm  
 1x clamping sleeve 3.2 mm  
 1x clamping sleeve 4.0 mm

1x clamping sleeve housing 1.6 mm  
 1x clamping sleeve housing 2.0 mm  
 1x clamping sleeve housing 2.4 mm  
 1x clamping sleeve housing 3.2 mm  
 1x clamping sleeve housing 4.0 mm

**Wear parts set Mini**  
 1x Teflon seal for nozzle  
 2x clamping sleeve 1.6 mm  
 2x clamping sleeve 2.4 mm  
 2x clamping sleeve 3.2 mm  
 2x clamping sleeve housing 1.0 mm















2x gas nozzle d=9.8mm  
 1x medium torch cap  
 1x long torch cap  
 1x short torch cap  
 1x Teflon seal





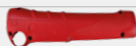
1x gas lens 1.6 mm  
 1x gas lens 2.4 mm  
 1x gas lens 3.2 mm  
 2x clamping sleeve 1.6 mm  
 2x clamping sleeve 2.4 mm

2x clamping sleeve 3.2 mm  
 2x gas nozzle, gas lens size 6  
 2x tungsten electrode gold 1.6 mm  
 2x tungsten electrode gold 2.4 mm  
 2x tungsten electrode gold 3.2 mm

1) PU = quantity in pieces per packaging unit. Purchase only possible in PUs

## TORCH ACCESSORIES FOR TORCH SR17, SR 18, SR 26

	No.	Designation	Ø / Nominal diameter	Art. no.	PU <sup>(1)</sup>
		Gas nozzle Mini size 4	6.4 mm	1100401	10
		Gas nozzle Mini size 5	8.4 mm	1100402	10
		Gas nozzle Mini size 6	9.8 mm	1100403	10
		Gas nozzle Mini size 7	11.2 mm	1100404	10
		Gas nozzle Mini size 8	12.7 mm	1100405	10
		Gas nozzle Mini size 10	15.7 mm	1100406	10
	No.	Gas lens Mini	Ø / Nominal diameter	Art. no.	PU*
		Gas lens Mini size 4		1100511	10
		Gas lens Mini size 5		1100512	10
		Gas lens Mini size 6		1100513	10
		Gas lens Mini size 7		1100514	10
		Gas lens Mini size 8		1100515	10
		Teflon seal for gas lens Mini		1472102	10
	No.	Clamping sleeve Mini	Ø / Nominal diameter	Art. no.	PU*
		Clamping sleeve Mini	1.0 mm	1473110	10
		Clamping sleeve Mini	1.6 mm	1473116	10
		Clamping sleeve Mini	2.4 mm	1473124	10
		Clamping sleeve Mini	3.2 mm	1473132	10
	No.	Clamping sleeve housing Mini	Ø / Nominal diameter	Art. no.	PU*
		Clamping sleeve housing Mini	1.6 mm	1473516	10
		Clamping sleeve housing Mini	2.4 mm	1473524	10
		Clamping sleeve housing Mini	3.2 mm	1473532	10

	No.	Designation	Ø / Nominal diameter	Art. no.	PU*
	5	Torch body (for SR17)		1100750	1
	1	Torch body (for SR26)		1100650	1
	6	Torch cap long 117 mm		1100100	2
		Torch cap short 22.5 mm		1100101	2
	7	Grip shells set		1100150	1
	8	Pushbutton (for SSR 17 DD, SSR 7-26 DD)		1100102	1
		Potentiometer 10k		1100112	1
	11	Handle shell halves for potentiometer (for SSR 17 DD, SSR 7-26 DD)		1100113	1
		Wear parts set for SR 17/18 and 26		1100152	1
		Wear parts set "Mini"		1100200	1

1) PU = quantity in pieces per packaging unit. Purchase only possible in PUs



 **craftweld**<sup>®</sup>



# ELECTRODE WELDING

## CRAFT-STICK PRO 161P, CRAFT-STICK PRO 201P, CRAFT-STICK PRO 253, CRAFT-STICK PRO 403 CEL WELDING MACHINES FOR THE HIGHEST DEMANDS

### UNIVERSALLY APPLICABLE

For welding all common types of electrodes

### PROTECTION CLASS IP 21S

Ideally suited for assembly work thanks to protection class IP 21S, generally also for outdoor work

### AREAS OF APPLICATION

Suitable for use on generators, for example in workshops, schools, metal construction, on building sites or for farmers

### VRD

Equipped with VRD for voltage reduction when idling

### TIG DC FUNCTION

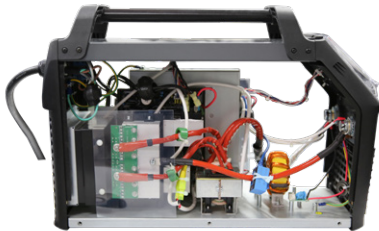
Enables simple TIG welding with contact ignition

### LC DISPLAY

Precise setting and display of welding parameters

### SEALED CIRCUIT BOARD

Sealed circuit board protects against moisture, salt spray and corrosion. Therefore also suitable for offshore use



### FAN

Quiet-running fan with good heat dissipation for long switch-on times

### CONSTANT WELDING CURRENT

Consistent deposition rate is achieved through constant welding current

### HOT START

The arc ignites safely and is immediately stable thanks to the automatic, brief increase in welding current

### ANTI-STICK

If the electrode accidentally sticks, the welding current is automatically reduced to prevent the electrode from annealing

### ARC FORCE CONTROL

The internal monitoring of welding current and welding voltage resolves short circuits quickly and reliably, stabilising the arc and allowing the electrode to be processed without any problems

### CRAFT-STICK PRO 161P / CRAFT-STICK PRO 201P:

With power factor correction PFC for problem-free use even on cable reels

### CRAFT-STICK PRO 403 CEL

Suitable for welding with cellulose electrodes

## OPERATION

**1 WELDING MODE BUTTON**  
► MMA or TIG

**2 PARAMETER SETTING KNOB**

**3 DISPLAY**  
► MMA or TIG

**4 DISPLAY**  
► Welding current



**5 DISPLAY**  
► Hot Start

**6 DISPLAY**  
► Arc-Force

**7 DISPLAY**  
► Welding current  
Welding voltage

### SCOPE OF DELIVERY:

Welding cable 4 m, with electrode holder  
Ground cable 4 m, with earth clamp

Equipment	PRO 161P	PRO 201P	PRO 253	PRO 403 CEL
Power factor correction	✓	✓		
LC display	2.8"	2.8"	2.8"	4"



CRAFT-STICK PRO 161P

CRAFT-STICK PRO 201P

CRAFT-STICK PRO 253

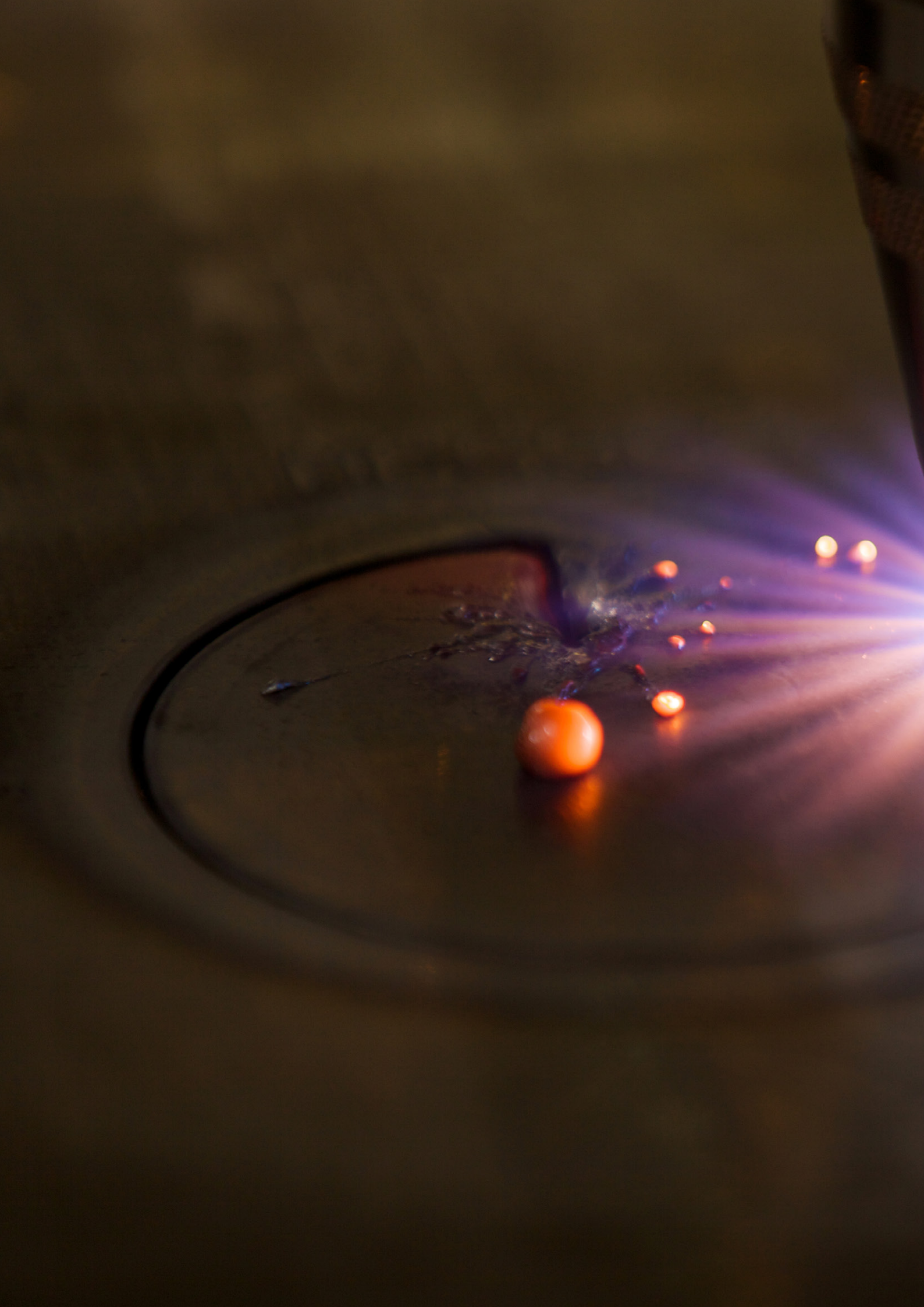
CRAFT-STICK PRO 403 CEL

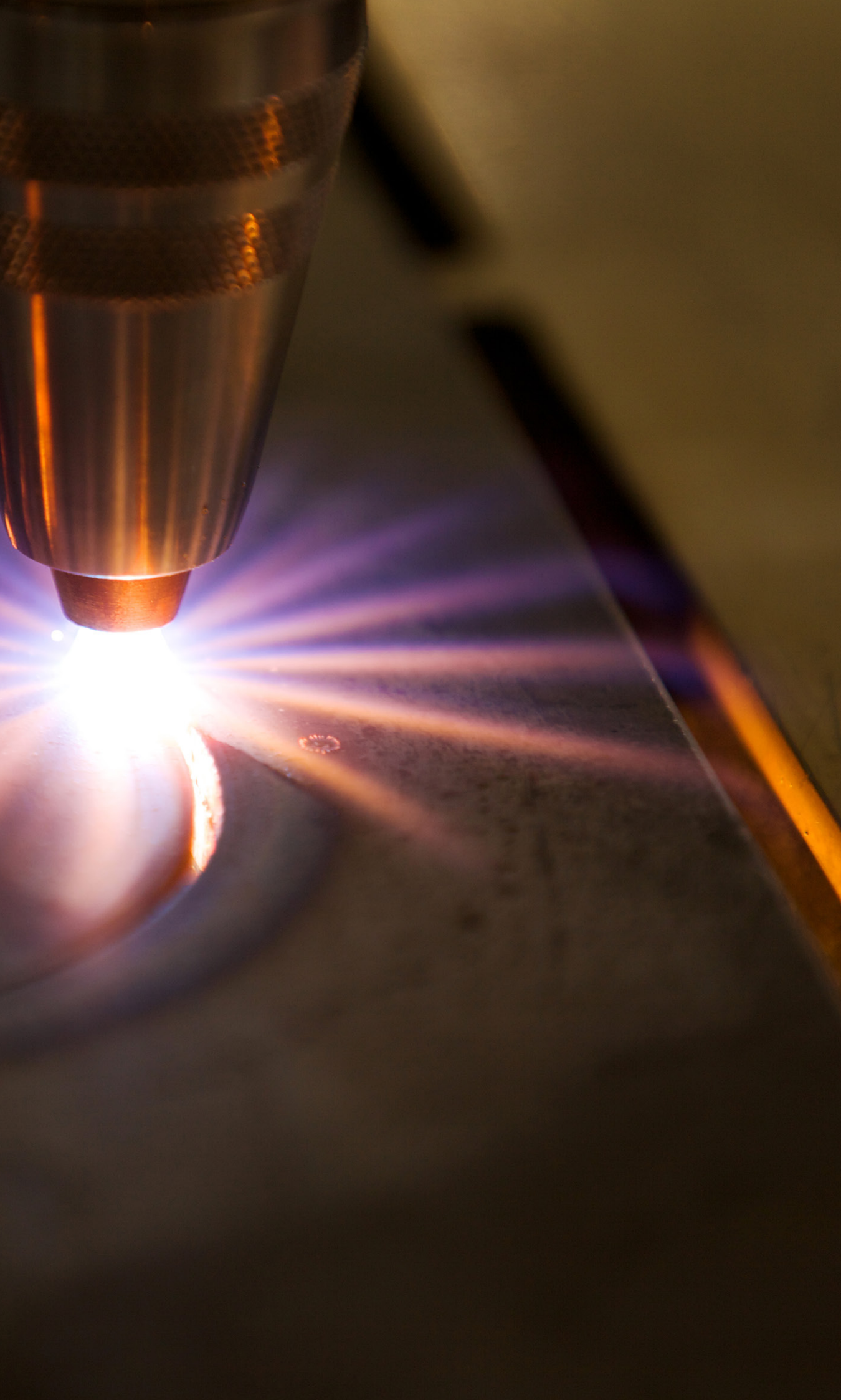
Accessories for CRAFT-STICK PRO 161P/ 201P	Art. no.
Ground cable 4m 25mm <sup>2</sup> 200A clamp	1250225
Earth cable 4m 35mm <sup>2</sup> terminal 400A	1250235
Welding cable 4m 25mm <sup>2</sup> Electrode holder 260A	1250361
Welding cable 4m 35mm <sup>2</sup> Electrode holder 400A	1250362

Accessories for CRAFT-STICK PRO 403 CEL	Art. no.
Earth cable 4m 50mm <sup>2</sup> terminal 600A	1250250
Earth cable 4m 70mm <sup>2</sup> 600A clamp	1250270
Welding cable 4m 50mm <sup>2</sup> Electrode holder 600A	1250363
Welding cable 4m 70mm <sup>2</sup> Electrode holder 600A	1250364
Manual remote control	1174011

Accessories for CRAFT-STICK PRO 253	Art. no.
Ground cable 4m 35mm <sup>2</sup> 400A clamp	1250235
Welding cable 4m 25mm <sup>2</sup> Electrode holder 260A	1250361
Welding cable 4m 35mm <sup>2</sup> Electrode holder 400A	1250362

Model		CRAFT-STICK PRO 161P	CRAFT-STICK PRO 201P	CRAFT-STICK PRO 253	CRAFT-STICK PRO 403 CEL
Article no.		1363162	1363201	1363253	1363403
<b>Setting range</b>					
Sheet thicknesses	mm	1.0 – 7.0	1.0 – 8.0	1.0 – 10.0	1.0 – 10.0
Setting range for electrode	A	10 – 160	10 – 200	10 – 250	10 – 400
TIG setting range	A	10 – 160	10 – 200	10 – 250	10 – 400
<b>Duty cycle</b>					
Duty cycle at max. current 40°C, Electrode	%	40	40	60	60
Duty cycle at max. current 40°C TIG DC	%	40	40	60	60
Current at duty cycle 100% 40°C Electrode	A	105	130	195	310
Current at duty cycle 100% 40°C TIG DC	A	105	130	195	310
<b>Weldable electrodes</b>					
Weldable electrodes	mm	1.6 – 4.0	1.6 – 4.0	1.6 – 5.0	1.6 – 8.0
<b>Power consumption</b>					
Electrode power consumption	kVA	5	7	8.5	16.4
Power consumption TIG DC	kVA	3.5	4.8	6.3	12.4
<b>Electrical connection</b>					
Required generator output	kVA	>10	>14	>18	>36
Open circuit voltage	V	TIG DC 67.2 Electrode 67.2	TIG DC 65,2 Electrode 67.1	TIG DC 69,8 Electrode 66.8	TIG DC 86,2 Electrode 87.6
Connection cable length	m	3	3	3	4
Electrode current consumption	A	21.6	29.2	18.3	24.5
Current consumption TIG	A	14.3	19.8	13.1	18.1
Overall performance	kVA	5/3.5	7/4.8	14.0/11.0	22.4/17.3
Connection voltage	V/Hz	230 /~ 50	230 /~ 50	400 /~ 50	400 /~ 50
<b>Dimensions and weights</b>					
Dimensions (L x W x H) approx.	mm	450 x 150 x 280	450 x 150 x 280	545.5 x 190 x 360	532 x 216 x 405
Weight approx.	kg	7.4	7.4	13.7	19.9





# PLASMA CUTTING

## CRAFT-CUT PRO 4IP, CRAFT-CUT PRO 63 CRAFT-CUT PRO 83, CRAFT-CUT PRO 123CNC PLASMA CUTTING FOR THE HIGHEST DEMANDS

### UNIVERSALLY APPLICABLE

For stainless steel, aluminium, steel, non-ferrous metals, also with painted surfaces  
From thin sheets to heavy plates

### PERFORATED PLATE FUNCTION

The pilot arc allows perforated sheets to be cut quickly and easily

### AREAS OF APPLICATION

Suitable for use on generators, e.g. in workshops, harbours, chemical plants, schools, metal construction, on construction sites, ships or for farmers

### PILOT ARC CONTROLLER

The set welding current is only released after the arc has been ignited

### SUITABLE FOR GENERATORS

Suitable for use on the generator



### FAN

Quiet-running fan with good heat dissipation for long switch-on times

### LC DISPLAY

Precise setting and display of welding parameters via LC display

### FILTER PRESSURE REGULATOR

For setting the cutting pressure

### WITH 2- AND 4-STROKE FUNCTION

#### CRAFT-CUT PRO 4IP:

Power factor correction PFC for problem-free use on cable reels too

#### FROM CRAFT-CUT PRO 83 AND 123CNC:

Gouging plane

#### CRAFT-CUT PRO 123 CNC:

CNC interface for machine connection



Patented connection via transformer connector. Tool-free burner change



## OPERATION

### 1 DIGITAL DISPLAY

### 2 MODE FUNCTION BUTTON

- ▶ 2T
- ▶ 4T
- ▶ Perforated plate
- ▶ Gouging (only for CRAFT-CUT PRO 83 and 123CNC)

### 3 COMPRESSED AIR TEST

### 4 CONTROLLER

- ▶ Amperage selection



Equipment	PRO 41P	PRO 63	PRO 83	PRO 123 CNC
LC display	2.8"	3.5"	3.5"	3.5"
PFC operation	✓			
CNC interface				✓

**SCOPE OF DELIVERY:**

Plasma torch 6m  
Ground cable with earth clamp


**CRAFT-CUT PRO 41P**

Including  
Plasma torch S65


**CRAFT-CUT PRO 63**

Pluscut 65 plasma torch  
included


**CRAFT-CUT PRO 83**

Pluscut 85 plasma torch  
included


**CRAFT-CUT PRO 123 CNC**

Pluscut 105 plasma torch  
included



Model		CRAFT-CUT PRO 41P	CRAFT-CUT PRO 63	CRAFT-CUT PRO 83	CRAFT-CUT PRO 123 CNC
Article no.		1365041	1365063	1365083	1365125
<b>Setting range</b>					
Plasma setting range	A	20 – 40	20 – 65	20 – 80	20 – 120
<b>Cutting performance</b>					
Quality cut steel (ST37)	mm	15	25	30	40
Steel separating cut (ST37)	mm	20	30	35	50
Stainless steel quality cut	mm	15	25	30	40
Stainless steel separating cut	mm	20	30	35	50
Aluminium quality cut	mm	16	20	25	35
Aluminium separating cut	mm	16	22	30	40
<b>Duty cycle</b>					
Duty cycle plasma	%	50	90	60	60
Current at 100% duty cycle 40°C Electrode	A	30	61	65	95
<b>Power consumption</b>					
Power consumption plasma	kVA	4.8	7.8	11	17.5
<b>Standards and authorisations</b>					
Standard		EN 60974-1:2012, EN 60974-10:2014			
EMC - class		A	A	A	A
Labelling		CE	CE	CE	CE
<b>Device data</b>					
Air requirement	l/min	120	140	160	200
Operating pressure	bar	5	5	5	5
<b>Electrical connection</b>					
Required generator output	kVA	>4.8	>12.5	>14	>25
Open circuit voltage	V	327.9	297.6	375.6	387.1
Connection cable length	m	4	4	4	4
Power consumption	A	20	16.7	20.9	34.1
Connection voltage	V/Hz	110/230/ ~50	400/ ~50	400/ ~50	400/ ~50
<b>Dimensions and weights</b>					
Dimensions (L x W x H) approx.	mm	490 x 150 x 290	740 x 260 x 484	740 x 260 x 484	740 x 260 x 484
Weight approx.	kg	8.1	26.5	28.5	32.4

## PLASMA TORCH S 65 AIR-COOLED

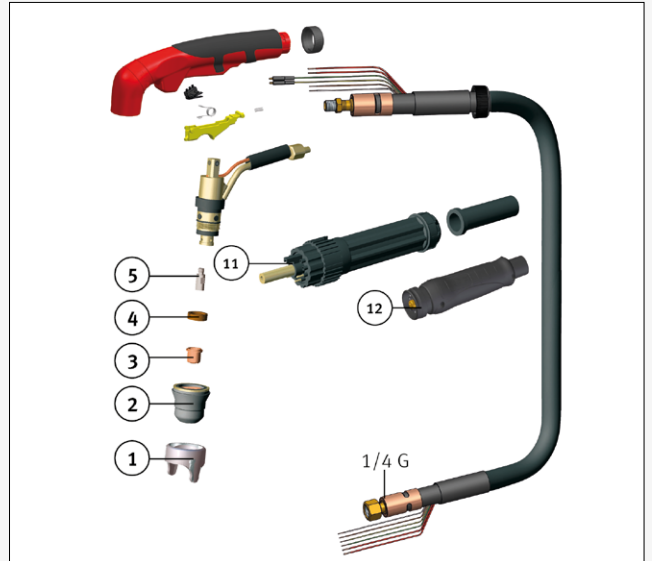
- ▶ High efficiency thanks to less reworking and lower consumption of wear parts
- ▶ The special handle shape with rubberised surface ensures optimum ergonomics and prevents the cutting torch from twisting in the hand
- ▶ Excellent cooling of wear parts leads to above-average service life
- ▶ Newly developed microswitch torch trigger for greater precision and convenience. A little finger pressure is all it takes to operate it

Technical data	S 65
<b>Cooling</b>	<b>air-cooled</b>
Specification	Central connection
Connection	Universal
Duty cycle DC	60 A, duty cycle 60%
Air pressure	4 bar
Compressed air consumption	100 l/min



Torch	Art. no.
for CRAFT-CUT PRO 41P	
<b>S 65 - 6 m</b> incl. central connection	1332065

No.	Designation	Art. no.	PU (1)
5	Plasma electrode short	1332100	10
3	Cutting nozzle 0.8	1332101	10
3	Cutting nozzle 1.0	1332102	10
3	Cutting nozzle 1.6 for gouging	1332106	5
2	External protective nozzle 29 mm	1332103	2
1	Spacer	1332104	2
	Contact protection	1332105	2
4	Diffuser 4.6 mm	1333112	1
	Guide carriage	1333141	1
	Wear parts set* (Compatible for Art. no.: 1332065, 1075041, 1075042)	1332110	1
	Circular cutting device	1333121	1



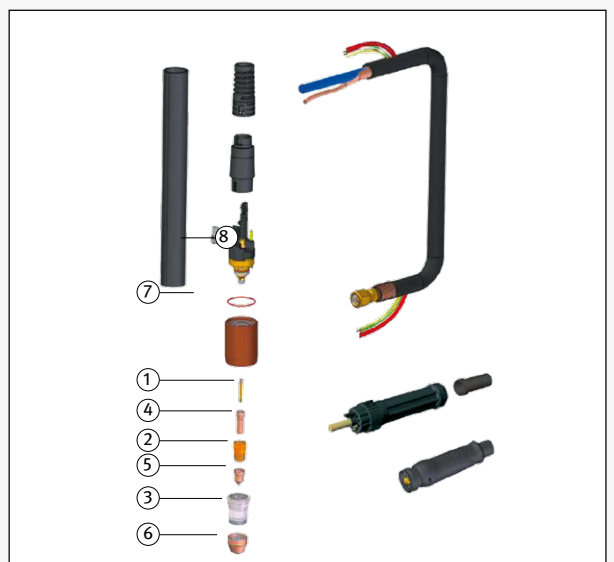
## AUTOMATIC TORCH ZETA 110

Technical data	Zeta 110
Specification	Central connection
Connection	Craftweld connection
Duty cycle DC	110 A, duty cycle 85%
Air pressure	5 bar
Compressed air consumption	155 l/min

Torch	Art. no.
for CRAFT-CUT PRO 123	
<b>Zeta 110 - 7.6m</b>	1331123



No.	Designation	Art. no.	PU (1)
1	Cooling tube Zeta 40 - 130A	1331202	4
2	Swirl ring Zeta 40 - 130A	1331204	2
3	External protection nozzle Zeta 40 - 130A	1331206	2
	Zeta circular cutting device	1331208	1
4	Electrode Zeta 110 - 130A	1331501	10
5	Cutting nozzle 1.5 mm Zeta 110 A	1331502	10
6	Spacer Zeta 110 - 130A	1331506	1
7	O-ring Zeta 40 - 130A 18 x 1 mm	1331209	1
8	Torch body Zeta 40 - 130A	1331210	1
	Actuator Zeta for push-button unit 40 - 130A	1331211	1
	2-part push-button Zeta 40 - 130A	1331213	1
	Set of grip plates Zeta 40 - 130A	1331214	1



## PLUSCUT PLASMA TORCH INCLUDING TRANSFORMER ACTUATOR AIR-COOLED

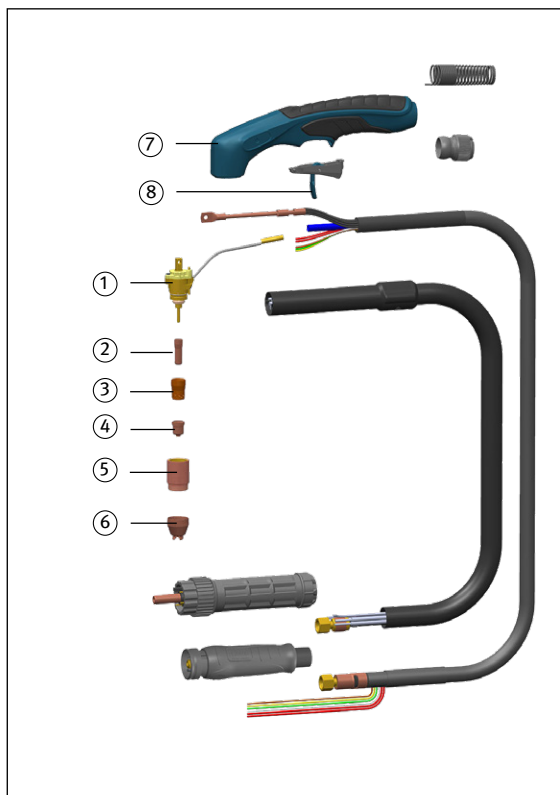
- ▶ Best cutting results at high cutting speed
- ▶ High efficiency thanks to less reworking and lower consumption of wear parts
- ▶ Suitable for a wide range of applications, including standard, extended and gouging
- ▶ Newly developed microswitch torch trigger for greater precision and convenience. A little finger pressure is all it takes to operate it.

- ▶ Torch push-button with protection class IP67
- ▶ Excellent cooling of wear parts leads to long service life
- ▶ The special handle shape with rubberised surface ensures optimum ergonomics and prevents the cutting torch from twisting in the hand
- ▶ Unique transformer connector can be connected to or disconnected from the machine with one hand



Technical data	Pluscut 65	Pluscut 85	Pluscut 105
<b>Cooling</b>	air-cooled		
Specification	Flexible hose package		
Connection	Trafimector connection		
Duty cycle DC	65A	85A	105A
Air pressure	4.5 – 5 bar	4.5 – 5 bar	4.5 – 5 bar
Compressed air consumption	225 l/min	225 l/min	250 l/min

Pluscut torch	Art. no.
Pluscut 65 / 6 m	1335065
Pluscut 65 / 12 m	1335067
Pluscut 85 / 6 m	1335085
Pluscut 85 / 12 m	1335087
Pluscut 105 / 6 m	1335085
Pluscut 105 / 12 m	1335122



No.	Designation Pluscut 65/85/105	Art. no.	PU <sup>(1)</sup>
5	Cooling tube Pluscut 45-105A	1331701	2
	Electrode Pluscut 45-105A	1331702	5
4	Pluscut 45A cutting nozzle	1331704	5
	Torch body Pluscut 45-105A	1331706	1
2	Long protective cap Pluscut 45-105A	1331708	2
	Electrode long Pluscut 65-105A	1331711	5
8	Circular cutting device Pluscut 45-105A	1331740	1
	Microswitch kit Pluscut 45-105A Pluscut 45-105A	1331741	1
8	Micro switch Pluscut 45-105A	1331742	1

No.	Designation Pluscut 65	Art. no.	PU <sup>(1)</sup>
3	Pluscut 45A starter set	1331700	1
	Swirl ring Pluscut 45-85A	1331703	1
5	External protection nozzle Pluscut 45-85A	1331705	1
6	Protective cap Pluscut 45-85A	1331707	1
5	Pluscut 65A cutting nozzle	1331712	5
	Cutting nozzle long Pluscut 65A	1331713	5
2	Protective cap for gouging tools Pluscut 65-85A	1331714	2
5	Cutting nozzle for gouging Pluscut 65A	1331715	5

No.	Designation Pluscut 85	Art. no.	PU <sup>(1)</sup>
3	Pluscut 65A starter set	1331710	1
	Swirl ring Pluscut 45-85A	1331703	1
5	External protection nozzle Pluscut 45-85A	1331705	2
6	Protective cap Pluscut 45-85A	1331707	2
2	Protective cap for gouging tools	1331714	2
	Pluscut 85A starter set	1331720	1
5	Pluscut 85A cutting nozzle	1331721	5
5	Cutting nozzle long Pluscut 85A	1331722	5
5	Cutting nozzle for gouging	1331723	5

No.	Designation Pluscut 105	Art. no.	PU <sup>(1)</sup>
3	Pluscut 105A starter set	1331730	1
	Swirl ring Pluscut 105A	1331731	1
5	Pluscut 105A cutting nozzle	1331732	5
	Cutting nozzle long Pluscut 105A	1331733	5
2	Pluscut 105A external protection nozzle	1331734	2
2	Protective cap Pluscut 105A	1331735	2
2	Protective cap for gouging tools Pluscut 105A	1331736	2
5	Cutting nozzle for gouging	1331737	5

<sup>(1)</sup> PU = quantity in pieces per packaging unit. Purchase only possible in PUs

# WELDING HELMETS



## VARIOPROTECT XXL-W 2 TC WELDING IN TRUE COLOURS

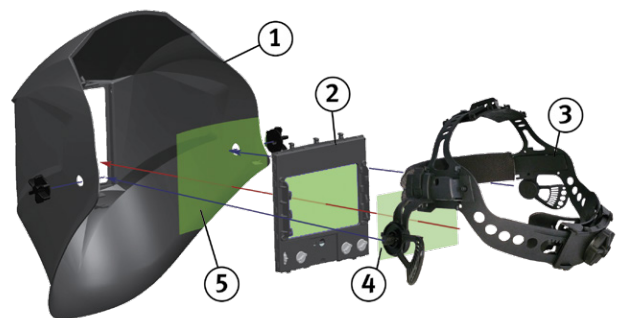
- ▶ Top marks in the evaluation of optical class, scattering and homogeneity class and angular properties class
- ▶ Welding in true colours thanks to True Colour cassette
- ▶ Easy operation, even with welding gloves
- ▶ Suitable for electrode, MIG/MAG and TIG welding and grinding
- ▶ Large field of vision
- ▶ Welding mask with rear centre of gravity, very light, gentle on the head and neck



**solar power**  
**VarioProtect®**



<b>Model</b>		<b>VarioProtect XXL-W-2 TC</b>
<b>Art. no.</b>		1657005
<b>Filter cassette</b>		
Viewing window (W x H)	mm	100 x 73
Cassette (L x B x H)	mm	133 x 122 x 8
Light-dark response time	ms	0.3
Response time light-dark measured at temperature	°C	55
Dark protection level		DIN 4-13
Brightening time, dark-bright regulation		continuously variable
UV/IR protection		Protection level 16 (permanent)
Light level		Protection level 4
Solar cells		Yes
Battery type		Lithium battery 3V CR2450
Replaceable battery		Yes
Number of sensors		4
<b>Standards and authorisations</b>		
Class		<b>1/1/1/1*</b>
<b>Welding mask</b>		
Material		Polyamide
<b>Dimensions and weights</b>		
Dimensions (L x W x H) approx.	mm	244 x 295 x 323
Weight approx.	g	430



	<b>Designation</b>	<b>Article no.</b>	<b>Quantity</b>
⑤	Outer attachment disc	1662075	PU = 10 pcs.
④	Inner windscreen	1662076	PU = 10 pcs.
③	Complete headband	1662032	Piece
	Forehead sweatband	1662023	Piece
	Medium sweatband	1662050	Piece
	Rear sweatband	1662051	Piece
	Lithium battery	1662034	Piece
②	Filter cassette	1662077	Piece
	Magnifying lens	1662036	Piece

\*Best marks in the evaluation of the optical class / scattering class / homogeneity class / class of angular properties

## VARIOPROTECT XXL-W-2 F-TC AIR

### FLIP-UP WELDING HELMET FOR WELDING IN TRUE COLORS AND WITH CLEAN BREATHING AIR

- ▶ Suitable for electrode, MIG/MAG and TIG welding and grinding
- ▶ Welding in true colours thanks to True Colour cassette
- ▶ Flip-up system: Cassette is folded up in the helmet, e.g. to be able to look directly through the clear protective disc when grinding
- ▶ Highly efficient air filtration and air supply system provides the welder with clean and filtered air, preventing the inhalation of dangerous and harmful particles and welding vapours

- ▶ Two fan speeds selectable
- ▶ Even air distribution in the helmet, Li-ION battery with up to 10 hours of runtime
- ▶ Easy operation, even with welding gloves
- ▶ Large field of vision
- ▶ Top marks in the assessment of optical class, scatter class, homogeneity class, and angle properties class
- ▶ Welding mask with rear centre of gravity, very light, gentle on the head and neck

#### VARIOPROTECT XXL-W-2 F-TC AIR

- ▶ Visor can be opened with just one hand
- ▶ Speedglas model "9100 FX AIR"



**VarioProtect** solar power®



VARIOPROTECT XXL-W-2 F-TC AIR

Model	VarioProtect XXL-W-2 F-TC AIR	
Art. no.	1654050	
<b>Filter cassette</b>		
Viewing window width x height	mm	100 x 65
Light-dark response time	ms	0.3
Dark-light brightening time	ms	
Dark protection level	DIN 4-13	
UV/IR protection	Protection level 16 (permanent)	
Light level	Protection level 4	
Solar cells	Yes	
Battery type	Lithium battery 3V CR2450	
Replaceable battery	Yes	
Number of sensors	4	
<b>Standards and authorisations</b>		
Class	1/1/1/1*	
<b>Welding mask</b>		
Material	Polyamide	
<b>Blower respiratory protection</b>		
Air flow	l/min	Level 1: 180 Level 2: 220
Filter efficiency		
Filter type	TH3P R SL	
Filter battery life	h	Level 1: 10 Level 2: 9
Battery type	Li-ON 14.8V 2.2Ah	
Noise level	dB	<60
<b>Dimensions and weights</b>		
Dimensions (L x W x H)	mm	194 x 254 x 334
Weight approx.	g	2,600
Explanation of weight	Welding mask and blower respiratory protection	



▶ Flip-up system

#### SCOPE OF DELIVERY:

- › Welding helmet
- › Air filter system
- › Rechargeable Li-ion battery 14.8V / 2.6 Ah
- › Battery charger
- › Breathing tube with cover 1 m
- › Hip belt and double shoulder strap
- › Black carrier bag

## WELDING FUMES ARE HAZARDOUS TO HEALTH! WAYS TO AVOID WELDING FUMES

**Welding fume reduction with a welding system** that produces less welding fumes due to its arc

- ▶ Approximately 5.2 g of welding fumes are produced by one 1 kg roll of SG wire, which are very hazardous to health.

### VarioProtect XXL-W-2 F-TC AIR

**The most effective solution:** The welding operator receives filtered air directly into the helmet.

- ▶ The VarioProtect XXL-W-2 F-TC AIR is a safe alternative that will help you to prevent illness and enjoy carefree welding work.



Conventional



WITH CERTIFICATE FROM  
INDEPENDENT TESTING  
CENTRE



*Welding fumes produced when welding  
1kg of SG wire*

### Filter devices or welding fume extraction systems

For extracting welding fumes  
directly at the welding station

- ▶ The toxic welding fumes pose an increased risk of lung cancer for the welder and those in the immediate vicinity. Inhalation should be avoided at all costs.





Sturmer

Nr. 370947

www.sturmer-werkzeuge.de



**ELECTROCHEMICAL METALWORKING**

**cleanmax**

## C.LEANMAX 1, C.LEANMAX 2

### CLEANING DEVICE FOR ELECTROCHEMICAL METALWORKING

#### VERSATILE IN USE

Clean with a carbon fibre brush.  
Signing and marking with carbon fibre brushes.  
Light and dark signing

#### HIGH-PERFORMANCE BRUSHES MADE FROM CARBON FIBRES

Excellent quality for cleaning even hard-to-reach areas and long seams. For efficient cleaning of TIG welding seams in seconds

#### SIMPLE AND SAFE OPERATION

#### COMPACT AND ROBUST DESIGN

#### FIELD OF APPLICATION

Use in the workshop and during assembly

#### BAYONET CATCH

Tools with bayonet lock, therefore very quick change possible

#### WELDED SEAMS

Removal of annealing colours and oxides from weld seams without the use of toxic and environmentally harmful pickling agents

#### STURDY CARRYING HANDLE



Model		C.leanmax 1	C.leanmax 2
Article no.		1370050	1370085
Technical data			
Primary voltage	V	230	230
Output voltage alternating current	V	12	13
Output current max.	A	50	100
Power ~50 Hz	kW/V	0.5 / 230	0.85 / 230
Dimensions (L x W x H) approx.	mm	250 x 130 x 200	280 x 140 x 220
Weight approx.	kg	8.5	14

#### SCOPE OF DELIVERY:

Ground cable with clamp and plug  $\varnothing 16\text{mm}/3\text{m}$   
Handle cable  $\varnothing 10\text{mm}/4\text{m}$   
2x carbon fibre brush L 40mm  
Carbon Fix L 40mm  
Teflon handle  
Electrolyte Clean Speed 500ml  
Electrolyte Clean Special 500ml  
CRG-Pol-Grease 20ml  
Disassembly/assembly key  
Wide-mouth container  
Neoprene glove  
Safety goggles (Transparent II)  
Plastic case grey

# cleanmax C.LEANMAX 3

## CLEANING DEVICE FOR ELECTROCHEMICAL METALWORKING

### VERSATILE IN USE

Cleaning with carbon fibre brush and graphite anode  
Light and dark marking with graphite anode and brown felt  
Polishing with a brush

### HIGH-PERFORMANCE BRUSHES MADE FROM CARBON FIBRES

Excellent quality for cleaning even hard-to-reach areas and long seams. For efficient cleaning of TIG welding seams in seconds

### MODERN PROCESSOR CONTROL

### THREE POWER LEVELS

### SIMPLE AND SAFE OPERATION

### FIELD OF APPLICATION

Outstanding properties in the processing of stainless steel and other workable metals

### LANGUAGES

Simple setting in eight languages

### PROGRAMMABLE BASIC PROCEDURES

Direct selection of up to three programmable basic procedures

### DESIGN

















Compact and robust design in a practical case format














Model		C.leanmax 3
Article no.		1370090
Technical data		
Primary voltage	V	95 – 265
Output voltage alternating current	V	5 – 35
Output voltage Direct current	V	5 – 35
Output current max.	A	45
Power ~50 Hz	kW/V	0.9 / 95 – 265
Dimensions (L x W x H) approx.	mm	330 x 280 x 130
Weight approx.	kg	3.9

### SCOPE OF DELIVERY:

Ground cable with terminal and plug  $\varnothing 16\text{mm}/3\text{m}$   
Handle cable  $\varnothing 10\text{mm}/4\text{m}$   
2x carbon fibre brush L 40mm  
Carbon Fix L 40mm  
Teflon handle  
Electrolyte Clean Speed 500ml  
Electrolyte Clean Special 500ml  
CRG-Pol-Grease 20ml  
Disassembly/assembly key  
Wide-mouth container  
Neoprene glove  
Safety goggles (Transparent II)  
Plastic case grey

Accessories	Product description	Art. no.
	Ground cable + clamp & plug ø 16mm/3m	1371001
	Handlebar cable ø 10mm/ 4m	1371005
	Handlebar cable ø 10mm /8m	1371006
	Teflon handle	1371007
	Carbon fibre brush M 10L 40mm	1371010
	Carbon fibre brush M10 XL 85mm	1371011
	Starter Set Carbon-Fix L 40mm	1371015
	Carbon-Fix L 40mm	1371016
	Carbon-Fix XL 85mm	1371017
	Carbon Fix Duo	1371018
	Starter Set iBrush XL 85mm	1371020
	CRG pole grease 20ml	1371025
	Signing set	1371026
	Polishing set	1371027
	Marking felt white (PU 10 pcs.)	1371030
	Signing fix	1371031
	Brown polishing felt (PU 10. pcs.)	1371032
	Polishing fix	1371033
	30° graphite anode	1371034

Accessories	Product description	Art. no.
	90° graphite anode	1371035
	2-way adapter	1371040
	Disassembly/assembly key	1371045
	Electrolyte Cleaner Speed 1 litre	1371050
	Electrolyte Cleaner Speed 5 litre	1371051
	Electrolyte Cleaner Special 250ml	1371052
	Electrolyte Cleaner Special 1 litre	1371053
	Electrolyte Cleaner Special 5 litre	1371054
	Electrolyte Signing 250ml	1371055
	Electrolyte Signing 1 litre	1371056
	Electrolyte Signing 5 litre	1371057
	Electrolyte polish 500ml	1371058
	Electrolyte polish 1 litre	1371059
	Neutralite 1 litre	1371060
	Neutralite 5 litre	1371061
	Finish Easy System	1371065
	Finish Easy System Duo	1371066
	Finish Easy System Signing	1371067

# WELDING POSITIONER



## WELDING POSITIONER SPV 30 - TABLE-TOP MODEL WITH MANUAL OPERATION WELDING POSITIONERS SPV 300 / SPV 300 HM - MANUAL OPERATION

- ▶ For fast and convenient welding processing from all sides
- ▶ Easy to use
- ▶ Manual adjustment of the working height
- ▶ Turntable can be positioned vertically and horizontally



SPV 30



SPV 300



SPV 300 HM

Model		SPV 30	SPV 300	SPV 300 HM
Art. no.		1540030	1540300	1540305
<b>Technical data</b>				
Table tilt angle	°	360	360	22.5 / 45 / 90
Horizontal load capacity	kg	360	300	300
Vertical load capacity	kg	260	150	150
Turntable diameter	mm	260	300 x 300	300 x 300
Dimensions (L x W x H) approx.	mm	630 x 350 x 280	1427 x 1200 x 1018	600 x 600 x 710
Weight approx.	kg	28	135	86

**WELDING TURNTABLE SDT 350 WM - WITH MANUAL ANGLE ADJUSTMENT**  
**WELDING TURNTABLE SDT 500 WE - WITH ELECTRIC ANGLE ADJUSTMENT**

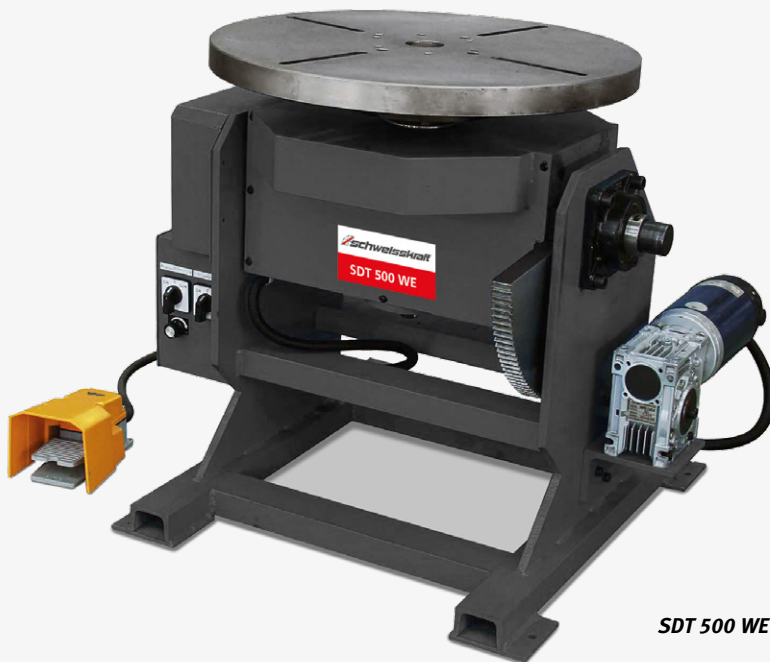
- ▶ For fast and convenient welding processing from all sides
- ▶ Simple operation
- ▶ Control electronics protected by robust and closed housing
- ▶ Foot switch for start/stop
- ▶ Infinitely adjustable speed of the turntable with clockwise/anticlockwise rotation

**SDT 500 WE**

- ▶ Simple angle adjustment via rotary knob



*SDT 350 WM*



*SDT 500 WE*

Model		SDT 350 WM	SDT 500 WE
Art. no.		1541350	1541500
<b>Technical data</b>			
Drive type		electrical	
Table tilt angle	°	0 – 135	-45 – 90
Speed	min <sup>-1</sup>	0 – 5	
Load capacity, horizontal table position	kg	350	500
Load capacity, vertical table position	kg	120	250
Input power	W	125	400
Electrical connection	V / Hz	230 / 50	
Permissible welding current	A	300	300
Turntable diameter	mm	330	550
Maximum pitch circle	mm	295	
Dimensions (L x W x H) approx.	mm	410 x 470 x 475	770 x 650 x 660
Weight approx.	kg	38	220



Accessories	Art. no.
<b>SDT 350 WM / SDT 500 WE</b>	
Three-jaw chuck Load capacity 120 kg	1541352
<b>Accessories SDT 350 WM</b>	
Three-jaw chuck Load capacity 30 kg	1541351
<b>Accessories SDT 500 WE</b>	
Three-jaw chuck Load capacity 240 kg	1541353

YOU CAN FIND MORE PRODUCTS IN OUR MAIN CATALOGUES



[optimum-maschinen.de](http://optimum-maschinen.de)



[holzkraft.de](http://holzkraft.de)



[metallkraft.de](http://metallkraft.de)



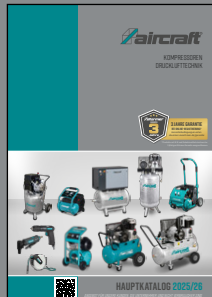
[holzstar.de](http://holzstar.de)



[cleancraft.de](http://cleancraft.de)



[schweisskraft.de](http://schweisskraft.de)

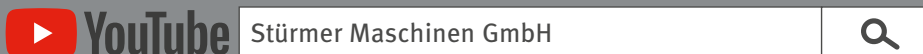


[aircraft-kompressoren.de](http://aircraft-kompressoren.de)



[unicraft.de](http://unicraft.de)

DISCOVER OUR PRODUCT VIDEOS NOW!



Do you already know our YouTube channel **Stürmer Maschinen GmbH**?

Here you will find a wide-ranging and high-quality selection of product videos, sorted by brand.

We always aim to provide you with a wide selection of high-quality videos.

Subscribe to our YouTube channel so you don't miss any of our new videos: [www.stma.de/youtube-de](http://www.stma.de/youtube-de)

Your specialised dealer:



**Distribution Germany:**

**CRAFTWELD - Stürmer Maschinen GmbH**

Dr.-Robert-Pfleger-Str. 26

96103 Hallstadt / Germany

Phone: +49 (0) 9 51 - 96 555 - 0

email: [info@www.craftweld.de](mailto:info@www.craftweld.de)



[www.craftweld.de](http://www.craftweld.de)

**Distribution Austria**

**Aircraft Kompressorenbau GmbH**

Gewerbestraße Ost 6

4921 Hohenzell / Austria

Phone: +43 (0) 77 52 - 70 929 - 0

email: [info@aircraft.at](mailto:info@aircraft.at)

Web: [www.aircraft.at](http://www.aircraft.at)

- This offer is aimed exclusively at entrepreneurs, dealers or traders who are acting in the exercise of their commercial or self-employed activity when concluding this purchase
- This constitutes an express CONDITION FOR THE CONCLUSION OF THE CONTRACT. Consumers within the meaning of § 13 BGB are excluded from the sale
- With the publication of this price catalogue, all previous lists become invalid
- Prices are non-binding recommended prices, subject to change, in €, plus the applicable statutory VAT, plus packaging, shipping, transport, unloading, assembly and, if applicable, instruction costs.
- No liability is accepted for printing errors, mistakes or incorrect presentation.
- We reserve the right to make technical and visual changes
- Fig. partly with optional accessories
- Delivery shall be made exclusively in accordance with our terms of delivery and payment
- Sold through specialised dealers
- The goods remain our property until full payment has been made
- In the event of resale to third parties, our retention of title shall remain in force
- Reproduction and reprinting in any way, even in extracts, always require our written authorisation
- For products with a recognised guarantee: Further information on the scope, duration and content of the guarantee, as well as details of the guarantor, can be found at [www.stuermer-maschinen.de](http://www.stuermer-maschinen.de) or by contacting Stürmer Maschinen GmbH directly.
- Please note that some of the machines in this brochure are subject to transport packaging flat rates for transport units or packaging and packaging costs. These have been marked accordingly in the catalogue.
- The entire catalogue is protected by copyright. In addition, we register trade mark, patent and design rights to protect our products, insofar as this is possible in individual cases. We strongly oppose any infringement of our intellectual property.