WÜRTH

WELDING CATALOGUE



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Welding inverter WIS 160 Super+ Würth



Compact stick welding machine with a 100% duty cycle, allowing continuous welding even with a 4mm electrode. A welding-ready package in terms of equipment!

- Extremely compact and powerful stick welding machine, 100% load capacity
- Works with extension leads up to 100 m and is suitable for use with a generator
- The digital display allows precise selection of the welding current
- Arc-Force, Hot-Start, and Anti-Stick features improve welding results

Nominal voltage	230 V
Min./max. current	20-160 A
Weldable electrodes	1.6 - 4 mm
Weldable TIG welding rods	1 - 2.4 mm
Min./max. electrode welding current	20-160 A
ON time at max. current (40 °C)	100 %
Welding current at ED 100%	160 A
Product weight (per item)	2.4 kg
Height	15.5 cm
Width	25 cm
Length	9 cm
IP protection class	IP 21

Art. no. 5952 000 163
P. Qty./unit 1

Electrode welding inverter W185-HF



Nominal voltage	230 V
Min./max. current	20-185 A
Weldable electrodes	1.5 - 5 mm
Weldable TIG welding rods	1 - 2.4 mm
ON time at max. current (40 °C)	100 %
Weldable material thickness	Steel 1 - 6 mm, TIG welding steel/stainless steel 1 - 6 mm
Product weight (per item)	5.6 kg
Height	27 cm
Width	17 cm
Length	43 cm

Art. no. 5952 200 185
P. Qty./unit 1

TIG torch for W185-HF



Product weight (per item)	0.42 g

Art. no. 0708 200 268

Rutile electrode AWS A5.1 E6013

Designed for versatile applications, offering smooth and stable arc performance. Its rutile coating ensures easy slag removal and excellent weld appearance, making it ideal for both professionals and hobbyists.



Length	350 mm
Standards	ISO 2560
Coating of welding electrode	Rutile
Min. longitudinal elongation	22 %

Wire diameter (Ø)	Min. tensile strength	Art. no.	P. Qty. / unit
2.5 mm	510 N/mm²	**0982 009 025**	1
3.2 mm	600 N/mm²	**0982 009 032**	1
4 mm	600 N/mm²	**0982 009 040**	1

WELDING ELECTRODE AWS A5.1 E7018

The Welding Electrode AWS A5.1 E7018 offers reliable performance with its basic coating, ensuring strong and consistent welds. Conforming to ISO 2560-A standards, this grey electrode is ideal for demanding welding tasks.



Length	350 mm
Standards	ISO 2560-A
Coating of welding electrode	Basic
Type description	E7018
Min. tensile strength	556 MPa
Min. longitudinal elongation	28 %

Wire diameter (Ø)	Art. no.	P. Qty. / unit
2.5 mm	**0982 260 025**	1
3.2 mm	**0982 260 032**	1
4 mm	**0982 260 040**	1

Application

High-strength welding scenarios such as Bridges, ships, pressure vessels, and building steel structures, applicable to the welding of low-carbon steel, low-alloy steel and some dissimilar steels.

Proof of performance

TÜV

Welding spray

Anti-spatter agent, others

Contents	300 Gallon(GB)
Colour	Transparent, Yellowish
Container	Spray can
Chemical basis	Methylene chloride
Shelf life from production	24 Month



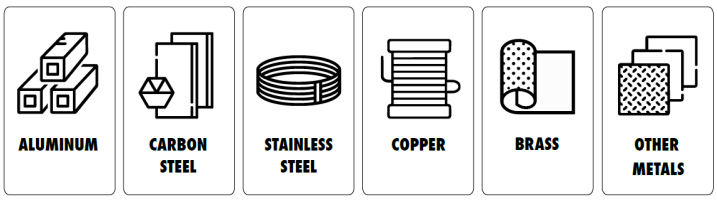
Art. no. 0893 901 041

P. Qty./unit 12









Welding helmet Veldo

Crystal-clear vision and lightning-fast reaction time. Featuring a wide view (98x43mm), ultra-fast 0.2s sensor, and durable, lightweight design.



- Powered by solar cells
- High-quality, shatter-proof plastic housing
- Display range of 98x43 mm

Translucency when activated	Protection level 9-13
Cassette width x cassette height x cassette thickness	110 x 90 x 9 mm
Width of field of vision x height of field of vision	98 x 43 mm
Energy supply	Solar cells, no battery change required
Standards	EN 175 EN 379
Battery designation	CR2032
Material	PI - Polyimide
Min./max. dark-to-light switching time	0.25-0.8 s
Colour	Black
Min. dark-to-light switching time	0.25 s
Product weight (per item)	460 g
Light-to-dark switching time	0.2 ms
Classification of welding helmet glasses according to EN 379	1/1/1/2

Art. no. 0984 700 660





Application

Welding, grinding

Proof of performance

In accordance with the CE standard

Welding glove Pro

Robust welding glove with reinforced palm and thumb strap for universal purpose



Size	10
Length	406.4 mm
Material	Leather
Material thickness	1.2 mm
Tolerance, material thickness (+/-)	0.1 mm
Interior finish	Cotton jersey liner
Standards	EN ISO 21420:2020 EN 388 EN 407
Category	II
Colour	Black with red contrast, Grey

Art. no. 0984 310 011

P. Qty./unit 1



Application

All types of standard welding processes

Proof of performance

- EN388 Performance level: 3143X
- EN12477 Type A / EN407 performance level : 413X4X

Flame Retardant 260GSM Cotton Coverall

Flame Retardant 260GSM Cotton Coverall



Colour	Red
Material	100% cotton
Fabric weight per m2	260 g
Washable at	60°C
Care instruction	Do not dry in drum dryer, Do not bleach, Do not tumble dry

Size	Art. no.	P. Qty. / unit
3XL	**0899 128 045**	1
4XL	**0899 128 046**	1
L	**0899 128 042**	1
M	**0899 128 041**	1
S	**0899 128 040**	1
XL	**0899 128 043**	1
XXL	**0899 128 044**	1

S3 SRC HRO RIGGER SAFETY BOOT

Robust boots made of breathable and water-repellent full-grain leather. The ideal boot for welding operations



Colour	Black
Material of shoes upper	Embossed leather
Safety category	S3
Standards	ISO 20345:2022 EN 20345 HRO
Foot width	Wide
Material of protective toe cap	Steel

Size	Art. no.	P. Qty. / unit
38	**5358 080 038**	1
39	**5358 080 039**	1
40	**5358 080 040**	1
41	**5358 080 041**	1
42	**5358 080 042**	1
43	**5358 080 043**	1
44	**5358 080 044**	1
45	**5358 080 045**	1
46	**5358 080 046**	1
47	**5358 080 047**	1

Application

Welding, soldering, slippery enviroments, oily enviroments, wet enviroments, hot objects



WÜRTH

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WELDING CATALOGUE

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