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The Werkman Welding Support should only be selected and used by farriers who possess adequate, professional knowledge of welding. Inexpert or erroneous usage of the Werkman Welding Support may have an adverse effect and even result in damages. Werkman Hoofcare B.V. accepts no liability for potential injuries, damages, costs or other consequences, caused by the selection and/or use of the Werkman Welding Support.



# WERKMAN WELDING TOTAL SOLUTIONS

This booklet is intended to provide farriers with information about aluminium and steel welding. It does not give any set rules. Werkman Hoofcare therefore does not accept any liability for any injuries, damage, costs or other consequences of applying this information or any Werkman horseshoe or ORTHOKIT components.

## **WERKMAN TOTAL WELDING SOLUTIONS**

### **Werkman Welding Set: a complete package of welding products**

With the Werkman Hoofcare Total Welding Solution, we offer you an all-in-one solution consisting of high-quality welding products. Combined with the Werkman ORTHOKIT 1.0 Aluminium and ORTHOKIT 1.0 and 2.0 Steel, you will always have the right solution for every horse.

### **All-in-one package with welding products**

All of our accessories are specially designed for optimal performance together. This means you no longer have to shop around at different suppliers. Needless excess stock of orthopaedic shoeing is also now a thing of the past.

After extensive research, the Werkman team has selected a welding machine that is highly versatile and

suitable for welding both steel and aluminium. The Werkman welding table enables you to fit Werkman ORTHOKIT inserts safely and securely, with no risk of the horseshoe falling off the anvil. We offer you the right protective equipment, such as a high-quality welding helmet and gloves.

### **The best service & warranty**

In order to provide you with the best possible service, our sales team has completed a recognised welding training course. This enables us and our partners to offer you optimal support and information. To serve you even better, we have extended the legal warranty for Werkman customers. You now get a 3- to 5-year warranty, instead of 1 year. The only condition is that you purchase and register your welding set directly from Werkman Hoofcare. (See warranty form in the box.)

### **Want to try it out?**

This brochure provides information on the contents and technical specifications of the Total Welding concept. If you are interested in a demo or want to try out the welding device for yourself first, please contact your dealer for the possibilities.

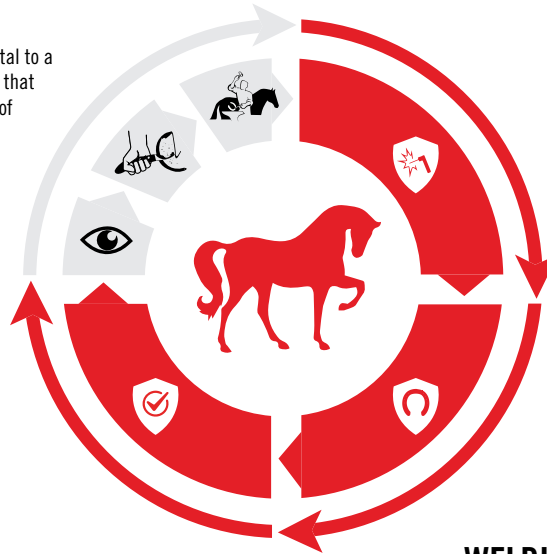


## SMARTER SKILLS, BETTER HORSES

### TOTAL PACKAGE OF HIGH-QUALITY WELDING PRODUCTS

#### HORSE WELL-BEING

You know better than anyone that good horseshoes are vital to a horse's well-being. At Werkman Hoofcare, we understand that you need top-quality horseshoes tailored to the anatomy of the hoof. The combination of our horseshoes and orthopaedic shoeing can take hoof vitality to the next level. Our new Total Welding concept now offers you the practical tools you need for this.



#### WELDING DEVICE

Rugged electrode welding device, for any modification in both steel and aluminium. Fitted with adjustable current and hot start, and comes with electrode holder and earth cable.



#### STEEL vs ALUMINIUM

Electrodes specially selected for Werkman horseshoes and ORTHOKIT inserts.



#### ACCESSORIES

The total package includes a range of accessories, such as a welding helmet, welding gloves, chipping hammers and steel brushes. The allows you to perform your welding work as safely as possible.

#### WELDING SUPPORT

Excellent alignment of Werkman horseshoes and orthopaedic shoeing with welding support. Easy anvil mounting.





# WERKMAN WELDING DEVICE

Code: WHW1001



- Welding device for welding with electrodes (max. thickness: 4 mm) suitable for steel and aluminium
  - Rugged system with impact-resistant housing, also making it splash proof
  - Portable with its shoulder strap, and quite light (4.9 kg) thanks to housing made from aluminium and impact-resistant plastic
  - Standby mode to save energy
  - Surge protection
- 
- Pulsed welding: less deformation of base metal, high-quality weld and clean finish due to less spatter
  - Manually adjustable to your preferences
  - Extra convenience with features like hot start for aluminium welding
  - Comes with industrial cable set (25mm<sup>2</sup> – 4 m)





RICKERT  
WIJNEN



**RICKERT WIJNEN**  
Master farrier from Holland



# WERKMAN WELDING HELMET

Code: WHW3001



- Unique design – plus option for personalisation!
- Excellent vision when welding thanks to coating technology
- External controls for colour, delay, sensitivity and grind mode
- Lightweight thanks to material PA 65, but still impact-resistant
- Removable cartridge
- Comes standard with additional spare parts (head band, inner and outer shields)



# WERKMAN WELDING SUPPORT JIG

Code: WHW4001

- Excellently suited for aligning Werkman horseshoes (dim.: 3x0 to 5) with orthopaedic shoeing
- Easy anvil mounting with magnet
- Also serves as a holder for electrode holder
- Fitted with plastic insulating bushing to prevent earthing problems



PA PB PD  
/DC- 65-80



WELDING ELECTRODE  
STEEL

# WELDING ELECTRODES STEEL

## Werkman Welding Electrodes, Steel, 2.5 mm (10)

Code: WHW1002

- Vacuum-sealed 10-pack, for moisture protection
- Each pack can equip an average of 10 horseshoes with an ORTHOKIT insert
- Specially selected for welding in different positions and on contaminated surfaces
- Low smoke emission and highly smooth and stable arc

### Recommended settings:

- Current = 80 A
- Hot start = 110%.
- Hot start timing = 1 second

2,5 x 350 mm.

10 Pcs. Kg.

Charge Nr:



Art.Nr: WHW1002

[www.werkmanhoofcare.com](http://www.werkmanhoofcare.com)

+31 050 521 8121

DC+

70-120A



**WELDING ELEKTRODES  
STEEL**

**KEEP ALWAYS DRY  
ALTIJD DROOG BEWAREN  
IMMER TROCKEN HALTEN**



WELDING ELEKTRODES  
ALUMINIUM

# WELDING ELECTRODES ALUMINIUM

**Werkman Welding Electrodes, Aluminium, 2.5 mm (5)**

**Code: WHW1002A**

- 5-pack, for moisture protection and reliable burn rate
- Each pack can equip an average of 2 horseshoes with an ORTHO KIT insert
- Welding electrode assembly specially designed for ease of use
- Low smoke emission and highly smooth and stable arc

## **Recommended settings:**

- Warmed up (150°C) › 70 A (Hot start 150% | 1 sec.)
- Cold › 90 A (Hot start 150% | 1 sec.)

2,5 x 350 mm.  
5 Pcs. 0,07 Kg.  
Charge Nr: 17685406

DC+

70-120A



**WELDING ELEKTRODES  
ALUMINIUM**

**KEEP ALWAYS DRY  
ALTIJD DROOG BEWAREN  
IMMER TROCKEN HALTEN**

Art.Nr: WHW1002A

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# ACCESSORIES

## Temperature stick

WHW1003



- Up to 350 degrees Celsius
- Fast and accurate surface temperature reading, especially effective with aluminium horseshoes
- Matte, chalky surface marking
- On reaching target temperature, the marking becomes transparent and glossy (stick melts)
- Excellent for forging

## MT-10 Welding gloves

WHW2003



- High-quality Personal Protective Equipment
- Highly tear-resistant, breathable and comfortable
- Good grip properties

## 3-Row steel brush

WHW2002



- Stainless steel brush with wooden handle
- Excellently suited for removing rust layers (particularly on aluminium horseshoes) for optimal weld bond

## Chipping hammer

WHW2001



- Rugged stainless steel chipping hammer
- Ideal for removing welding slag for an attractive finish

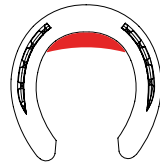
# WERKMAN ORTHOKIT 1.0

\*\* Also available in aluminium (8mm)

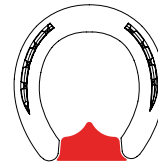


ORTHOKIT 1.0 ALU mm

Model		↑↓	↔
Ortho M	3	72	68
	4	37	67
	6	41	76



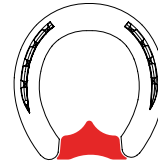
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4



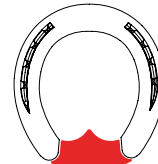
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5



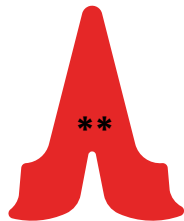
3



6



ORTHOKIT 1.0 mm

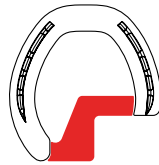
Model		↑↓	↔
Ortho S	1	68.5	17.2
	2	89.5	21.4
	3	62.2	75.9
	4	61	33.9
	5	61	33.9
	6	70.7	36.8
Ortho M	1	79.3	20.1
	2	102.8	25.1
	3	68.7	84.1
	4	66.6	37
	5	68	38
	6	79.2	40.8
Ortho L	1	90.2	22.5
	2	118	28.4
	3	78.6	96.9
	4	75.4	42.6
	5	75.4	42.6
	6	89.7	46.5



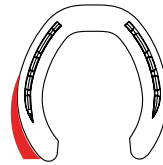
**ORTHOKIT 2.0**

mm

Model			
<b>Ortho S</b>	1	58	76
	2	29	86
	3	94	83
	4	73	17
	5	65	96
<b>Ortho M</b>	1	66	85
	2	32	96
	3	97	93
	4	73	17
	5	65	96
<b>Ortho L</b>	1	80	95
	2	37	112
	3	124	109
	4	93	22
	5	81	121



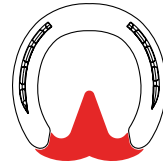
1



4



2



5



3



# WERKMAN ORTHOKIT 2.0



# WERKMAN HOOFCARE

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