

betaweld®

# PASIV8


WELD CLEANER



**THE WORKHORSE**



***WHAT IS ELECTROCHEMICAL CLEANING?***



The **Betaweld PASIV8 Weld Cleaner** leverages cutting-edge electrochemical technology to revolutionise weld cleaning and metal surface preparation.

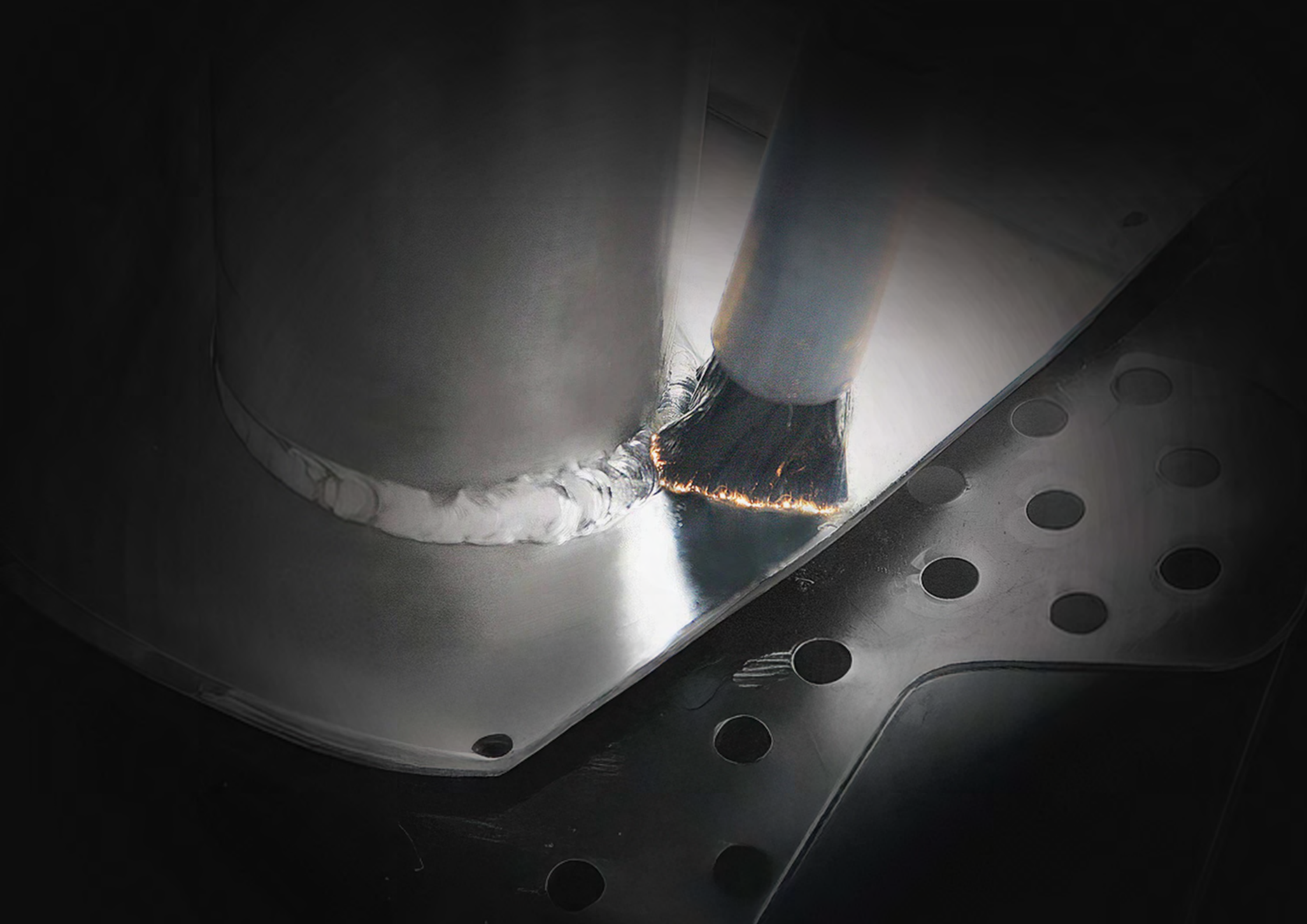
Achieve a level of polish and cleanliness previously unattainable with traditional methods. The combination of high conductivity and controlled energy application enables superior results rapidly, elevating the quality and durability of metal finishes.

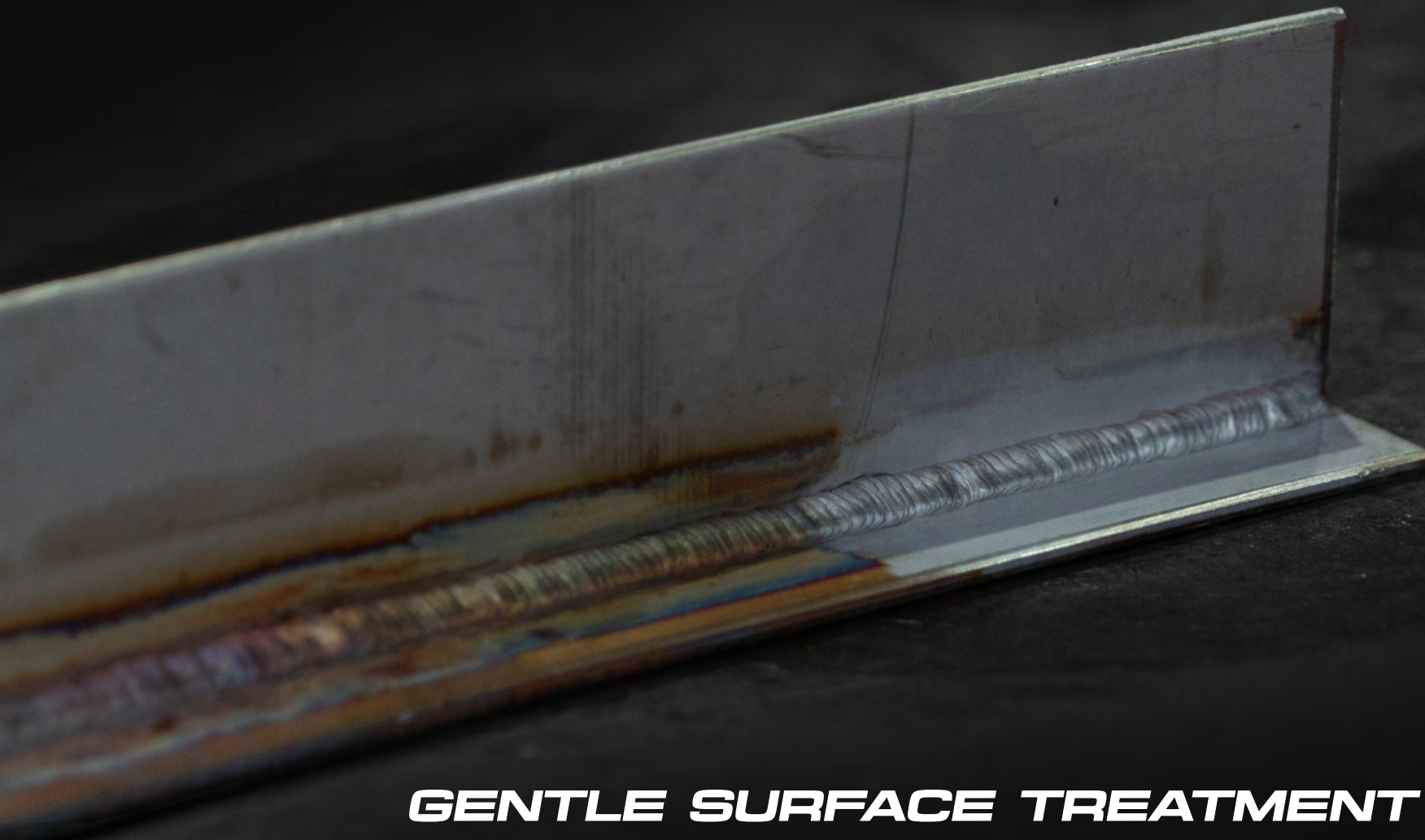
## ***CARBON FIBRE TECHNOLOGY***

Incorporating up to 4.5 million carbon fibres, the **Betaweld PASIV8** creates a highly conductive path that facilitates rapid and efficient electrochemical reactions. The strong, continuous current - up to 200A in pulse mode - ensures that the cleaning process is both powerful and precise. This unique carbon fibre brush system adapts to the contours of the workpiece, ensuring even the most intricate corners and crevices are thoroughly cleaned without damaging the surface.

## ***HIGH ENERGY DENSITY***

The strategic use of carbon fibres results in high energy density at the tips of each fibre. This phenomenon generates electric arcs that delicately yet effectively remove surface imperfections such as tarnish, oxidation, and light scaling, all without compromising the metal's integrity.





## ***GENTLE SURFACE TREATMENT***

Unlike abrasive methods that can damage the metal surface, the **Betaweld PASIV8's** process maintains the structural integrity of the metal. The gentle electric arcs polish the surface, removing defects and rejuvenating the metal's passive layer to enhance protection against environmental factors.



## ***NON-TOXIC ELECTROLYTES***

The **Betaweld PASIV8's** specially formulated, eco-friendly electrolyte aids in the efficient transfer of current, ensuring consistent cleaning performance and immediate corrosion protection.

The Electrolyte is crafted from high-quality natural mineral acids, ensuring it is completely non-toxic. Free from stabilisers, sulfuric acid, and tensides, the electrolyte is safe for users and the environment alike.



  
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PASIV8

MADE IN GERMANY

  
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*creating better welding solutions*



# ***MACHINE FEATURES***

## ***SMALL BUT MIGHTY***

The **Betaweld PASIV8** is among the most powerful on the market, delivering 80 amps of continuous current at 100% duty cycle - plus pulse currents of over 200 amps.

## ***LIGHTWEIGHT + ROBUST DESIGN***

Constructed from high-strength, light-weight material, the **Betaweld PASIV8** is both durable and easy to transport, making it suitable for both workshop and field use.

## ***TOTAL VERSATILITY***

The **Betaweld PASIV8** can handle a wide range of cleaning tasks efficiently with the ability to switch between AC and DC modes. Users can achieve a mirror-smooth finish, transforming matte areas into high-gloss surfaces with ease. This device handles heavier discolourations effectively, leveling them for a uniform appearance. The Betaweld PASIV8 is also suitable for both light and dark marking, providing metal workers with the flexibility to achieve various finishes and details.

# MACHINE SPECIFICATIONS

## Specifications

Part No.	6050
Output Voltage	15.5V
Supply Voltage	U1 = 230V
Current Range:	80 A continuous current (100% duty cycle) or 200 A pulse current
Duty Cycle	Cleaning: 30% @ 80A; 60% @ 70A; 100% @ 60A Polishing: 30% @ 40A; 60% @ 30A; 100% @ 25A
Insulation class	I
Protection Class	IP21
EMC Classification	Class A
Warranty Years	3

## Size & Weight

Dimensions (L x W x H)	300mm x 150mm x 240mm
Machine Weight	6.2kg
Total Weight with Accessories	15kg

## Storage

Keep dry and avoid condensation. Permissible storage and travel temperature -20 °C to +55 °C.

**AC/DC**  
**IP21 RATING**



**3 YEARS**  
**WARRANTY**

ON ALL BETAWELD MACHINES



## **GERMAN ENGINEERING, AUSSIE EXPERTISE**

All Betaweld products including the PASIV8 come with full technical backing and local industry support. With accessible servicing and dependable warranty coverage, you can operate with complete confidence.

# MACHINE ACCESSORIES

The all-in-one kit includes high-quality accessories such as the **Betaweld PASIV8** Performance Brush XL Set and non-toxic Special Electrolyte, ensuring users have everything needed to get the job done.

## Specifications

PART NO:	INCLUDED ACCESSORIES
6150	Betaweld PASIV8 Performance Brush XL Set PK5
6153	Betaweld Spray Bottle 500ml
6154	Betaweld Wide Mouth Container 500ml
6155	Betaweld PASIV8 Handle 4m
6156	Betaweld PASIV8 Ground Clamp 200A
6157	Betaweld PASIV8 Open Spanner SW 10mm
6158	XL Screw Sleeve
AB-07-001	Shipping / Storage Box
EP-02-816	Protective Brush Cap

## Optional Accessories

PART NO:	OPTIONAL ACCESSORIES
6151	Betaweld Special Electrolyte 5L
5051BW	Optional Marking Set

**STORAGE BOX**

**SPRAY BOTTLE  
500ML**

**WIDE MOUTH CONTAINER  
500ML**

**PASIV8**

**GROUND CLAMP**

**XL BRUSH & HANDLE**



**EXCLUSIVELY AVAILABLE AT**





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