

# EASYkleen

*Experts in weld cleaning*

## *Product Catalogue*



**MARKET LEADING  
WELD CLEANERS.  
QUALITY CONSUMABLES.  
SUPERIOR RESULTS.**

**EASYkleen**  
WELD CLEANERS

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# A focus on QUALITY OF FINISH

The EASYkleen range of weld cleaning machines are second to none when it comes to reliability and performance, but we also place a huge emphasis on the quality of finish our machines produce, which is why we have teamed up with Universities and Material Testing Houses to complete collaborative studies on our machines in comparison to alternative finishing methods such as AC output machines, abrasives and chemical removal.

All EASYkleen machines have a DC only output. This means these that these unit are exclusively using the process of electro-polishing when weld cleaning. This results in the highest possible corrosion resistant finish compared with all other post weld finishing methods.

The graph on the right is from a collaborative study with Sandvik Materials and shows the corrosion resistance of different finishing methods, as well as the parent material and as welded.

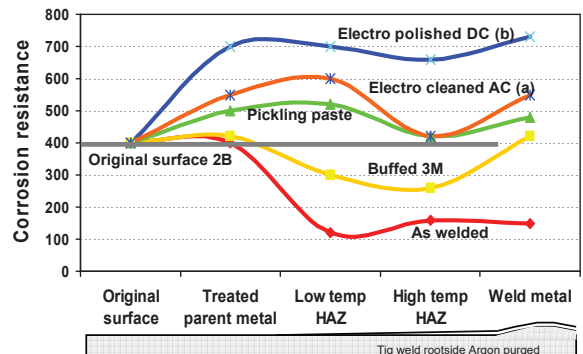
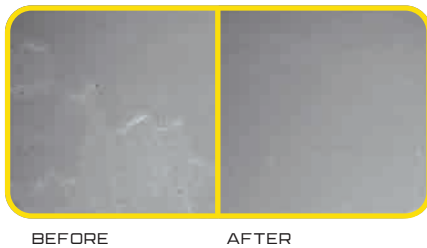


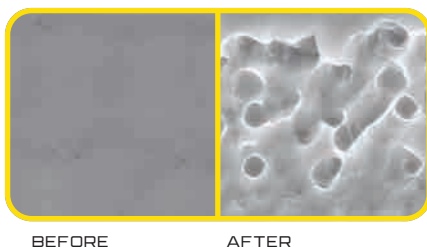
Figure 4. Effect of cleaning methods on a stainless steel weldment

## DC under the microscope - ALL EASYKLEEN MACHINES



When considering quality of finish, we need to also think about the morphology (shape/structure) of the surface. For stainless steel, the smoother the surface is, the less contamination (dirt, oils, salts etc.) can adhere, which drastically inhibits bacteria growth and foreign particle entrapment. This gives maximum access to the oxygen required for a strong and continuous passive layer. Dramatically improving the corrosion resistance process.

## AC under the microscope - COMPETITOR MACHINES "CLEAN" SETTING



The Scanning Electron Microscopy (SEM) images show samples of untreated welds and those welds treated, one with AC and one with DC.

**AC treated** - Surface finish is very irregular which helps contaminants stick or attach to the surface, which increases the pitting potential (corrosion).

**DC treated** - This smoothing effect, whilst removing a very small amount of material also aids in removal of large grain boundaries which are usual susceptible to pitting (corrosion).

The conclusion is that of all post weld finishing methods tested, the use of a DC output weld cleaning machine, which uses the process of electro-polishing achieves the smoothest finish, will provide the best deterrent against pitting (corrosion).



### FAST.

Highest Powered Machines & Largest Brush Electrodes.



### SAFE.

Water Based Chemicals & Less Labour Intensive.



### RELIABLE.

100% Duty Cycle & 10-year internal parts warranty.



### RESISTANT.

Cleans & Passivates in one simple process.

# EASYKLEEN TEC



A robust and reliable entry level weld cleaning machine

- Lightweight and highly portable transformer driven weld cleaner
- 100% duty cycle, designed for light to medium use and is also generator safe
- Auto-sensing amperage output ranging from 20-60amps of available cleaning power
- Ideal for sheet metal work (1-6mm) but can be easily used on thicker material is the HAZ in minimal



## SPECIFICATIONS

PRODUCT CODE	INPUT	OUTPUT	RANGE OF BRUSHES	COMPATIBLE SOLUTIONS	WEIGHT	DIMENSIONS
ETK101	110v or 240v 50-60Hz	20-60 Amps	EKT105 – Express EKT106 – Rapid EKT140 – TIP-E	EKP102 – EKP-50 EKP103 – ECO-kleen EKP104 – All Machine MST129 – BLITz Clean Up	5.75kgs (16.7lbs)	29 x 18 x 22.5 (11.4" x 7" x 8.8")

# EASYKLEEN PLUS BRUSH



Our most popular model, ready to clean, all day, every day.

- High powered DC only output using a patented waveform specifically designed for weld cleaning
- Will work on TIG, Stick and MIG welds to provide the highest possible corrosion resistance
- Fast and safer than traditional weld cleaning methods, whilst also being more economical too
- Extremely simple to operate and with five brushes in the range, every weld geometry is covered



## SPECIFICATIONS

PRODUCT CODE	INPUT	OUTPUT	RANGE OF BRUSHES	COMPATIBLE SOLUTIONS	WEIGHT	DIMENSIONS
EKP101	110v or 240v 50-60Hz	20-80 Amps	EKP105 – Spot EKP106 – Craftsman EKP107 – MIG EKP108 – Master EKP141 – TIP-C	EKP102 – EKP-50 EKP103 – ECO-kleen EKP104 – All Machine MST129 – BLITz Clean Up	9.5kgs (20.95lbs)	36 x 19 x 28 (14" x 7.5" x 11")

# EASYKLEEN PRO S-10



## Inverter technology with adjustable output control

- Inverter driven weld cleaner that utilizes a specific output to provide superior cleaning speed
- 100% duty cycle, designed for moderate to high use on all thicknesses and grades of stainless steel
- Adjustable amperage output control ranging from 30-100amps of available cleaning power
- Cleans, passivates and polishes all in one step to save time compared with alternative methods



## SPECIFICATIONS

PRODUCT CODE	INPUT	OUTPUT	RANGE OF BRUSHES	COMPATIBLE SOLUTIONS	WEIGHT	DIMENSIONS
EKPS10-101	240v 50-60Hz	30-100 Amps	EKPRO-130 - Pro-S EKPRO-131 - Pro-M EKPRO-133 - TIP-PS	EKP102 - EKP-50 EKP103 - ECO-kleen EKP104 - All Machine MST129 - BLITZ Clean Up	8.4kgs (18.5lbs)	42 x 20 x 32.5 (16.5" x 7.9" x 12.8")

# EASYKLEEN PRO S-15



## High performance workhorse that leaves its competitors behind

- Powerful inverter driven weld cleaner with adjustable amperage control from 30-130amps
- Easily handles all thicknesses of stainless steel incorporating the largest dipping brushes available
- Fine power control gives this unit the ability to work on very thin gauge material through to heavy plate
- Excellent brush and solution consumable life even when working at the highest power output



## SPECIFICATIONS

PRODUCT CODE	INPUT	OUTPUT	RANGE OF BRUSHES	COMPATIBLE SOLUTIONS	WEIGHT	DIMENSIONS
EKPS15-101	110-240v 50-60Hz	30-130 Amps	EKPRO-130 - Pro-S EKPRO-131 - Pro-M EKPRO-132 - 15-40 EKPRO-133 - TIP-PS	EKP102 - EKP-50 EKP103 - ECO-kleen EKP104 - All Machine MST129 - BLITZ Clean Up	9.4kgs (20.7lbs)	42 x 20 x 32.5 (16.5" x 7.9" x 12.8")

# MARKING & ETCHING KIT



A metal marking system that will leave a permanent imprint on your job

- Dedicated cables used only for this process
- A very quick process to imprint your logo, part or serial number onto your desired job
- Long life stencils of your customised logo or similar with the ability to be used for over 1000+ imprints
- Personal stencilling system option that you can use to mark/etch small runs such as serial numbers



## SPECIFICATIONS

PRODUCT CODE	KIT INCLUDES	OPTIONAL EXTRAS	WEIGHT	DIMENSIONS
EK19KIT	EKEG - Electrode Guide EKHL - Etch Kit Handle and Lead EKCL - Etch Kit Clamp and Lead EKMSOL-1 - Marking Solution 1lt	EKM1PT18 - PT-18 Stencil System EKM118ST - Stencil Cartridge EKESOL-1 - Etch Solution	2.9kgs (6.6lbs)	45 x 35 x 10 (17.7" x 13.7" x 4")

# PT-18 STENCILER



Print your own stencils using the unique fibre stencil

- Ideal for shorter runs and one off imprints that may be required

## SPECIFICATIONS

PRODUCT CODE	KIT INCLUDES	COMPATIBLE SOLUTIONS	WEIGHT	DIMENSIONS
EKM1PT18	P-touch Stenciller (pictured) EKM118ST - 3m Stencil Cartridge	EKESOL - Etch Solution EKMSOL - Marking Solution	0.7kgs (1.5lbs)	8 x 15 x 14 (3.1" x 6" x 5.5")

# EASYklean SOLUTIONS

A range of premium solution options to cover every users individual requirements.



## **EKP102** **EKP-50 SOLUTION**

The EKP-50 Solution is a premium solution that delivers a very high speed of clean whilst producing the highest possible corrosion resistant finish available. Tuned to give maximum results with EASYklean machines. With the ability to match and finish from 2B through to mirror, this non-toxic water based solution is the clear choice when results and time matter.



## **EKP103** **ECO-KLEEN SOLUTION**

The Eco-Kleen Solution is a pH neutral solution which provides the user with ultimate safety for themselves and the environment. Being pH neutral it requires no neutralization once it has been used and gives a matt finish to the product. "Non Dangerous Goods" for transport.



## **EKP104** **ALL MACHINE SOLUTION**

A water based, non dangerous goods fluid that is very economical yet fast in removing weld scale whilst being able to match any finish from 2B through to mirror. All Machine is the most affordable solution on the market that will give you a true polished finish if required, unlike most non dangerous goods solutions on the market.



## **EKMSOL** **MARKING SOLUTION**

This fluid is used with the EASYklean Marking & Etching Kit to mark stainless steel with a dark imprint that make your logos, serial numbers and the like stand out against the stainless steel parent metal.



## **EKESOL** **ETCHING SOLUTION**

This fluid is used with the EASYklean Marking & Etching Kit to etch stainless steel with a frosted/white imprint that make your logos, serial numbers and the like stand out against the stainless steel parent metal.



## **MST128** **BLITZ CLEAN UP SOLUTION**

The BLITz Clean Up neutraliser can be used after B-50, EKP-50 & All Machine weld cleaning solutions. With an inbuilt pH indicator, this neutraliser is essential if you want to make sure that all acidic residue has been completely removed from your workpiece.

# Brush CONSUMABLES

A range of brush styles to provide the user the most effective brush for their job!

## EASYKLEEN TEC BRUSH OPTIONS



**EKT105**  
Express (Orange with sleeve)



**EKT106**  
Rapid (Green)



**EKT140**  
TIP-E (Orange long)

## EASYKLEEN PRO S-10 BRUSH OPTIONS



**EKPRO-130**  
Pro-S (Black with sleeve)



**EKPRO-131**  
Pro-M (Blue/Black)



**EKPRO-133**  
TIP-PS (Black long)

## EASYKLEEN PLUS BRUSH OPTIONS



**EKP105**  
Spot Brush (Yellow)



**EKP106**  
Craftsman Brush (Red with sleeve)



**EKP107**  
MIG Brush (Yellow/Black)



**EKP108**  
Master Brush (Blue)



**EKP141**  
TIP-C Brush (Red long)

## EASYKLEEN PRO S-15 BRUSH OPTIONS



**EKPRO-130**  
Pro-S (Black with sleeve)



**EKPRO-131**  
Pro-M (Blue/Black)



**EKPRO-133**  
TIP-PS (Black long)



**EKPRO-132**  
15-40 (Red)



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For more information on EASYkleen's range of market leading weld cleaners and their consumables, please contact us via one of the options below, or visit the where to buy tab on our website to find a local distributor near you.

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