Cougartron
Powered by innovation

Part of BM Group International ApS

Weld Cleaning & Marking Machines

WELD CLEANING – SURFACE POLISHING – MARKING

PRODUCT CATALOGUE 2018

www.cougartron.com

COMPANY BACKGROUND

In 2012, Jonathan Edwards (founder of Cougartron Inc) embarked on a project to design and develop a superior stainless steel weld cleaning machine that would provide faster results, improve working conditions, and yet be adaptable to different production applications.

Cougartron's line of weld cleaners is a direct result of a thorough R&D process based on over three decades of deep industry insight and manufacturing experience.

HIGH PERFORMANCE MACHINES

However, the project did not stop with the machines. We are continuously developing new brushes and fluids to be used with our weld cleaners for specific jobs and manufacturing processes.

When using a Cougartron weld cleaner in combination with our brushes and fluids, your company will certainly benefit from unparalleled production speed, high performance, and consistent results.

We are also committed to the idea of a safer workplace. The electrochemical weld cleaning method is safe for your health and the environment.

OUR VISION

To be a global leader in stainless steel surface treatments. By constantly going beyond the boundaries of conventional methods we will be relied on by the world market as a source of knowledge, inspiration and innovation.
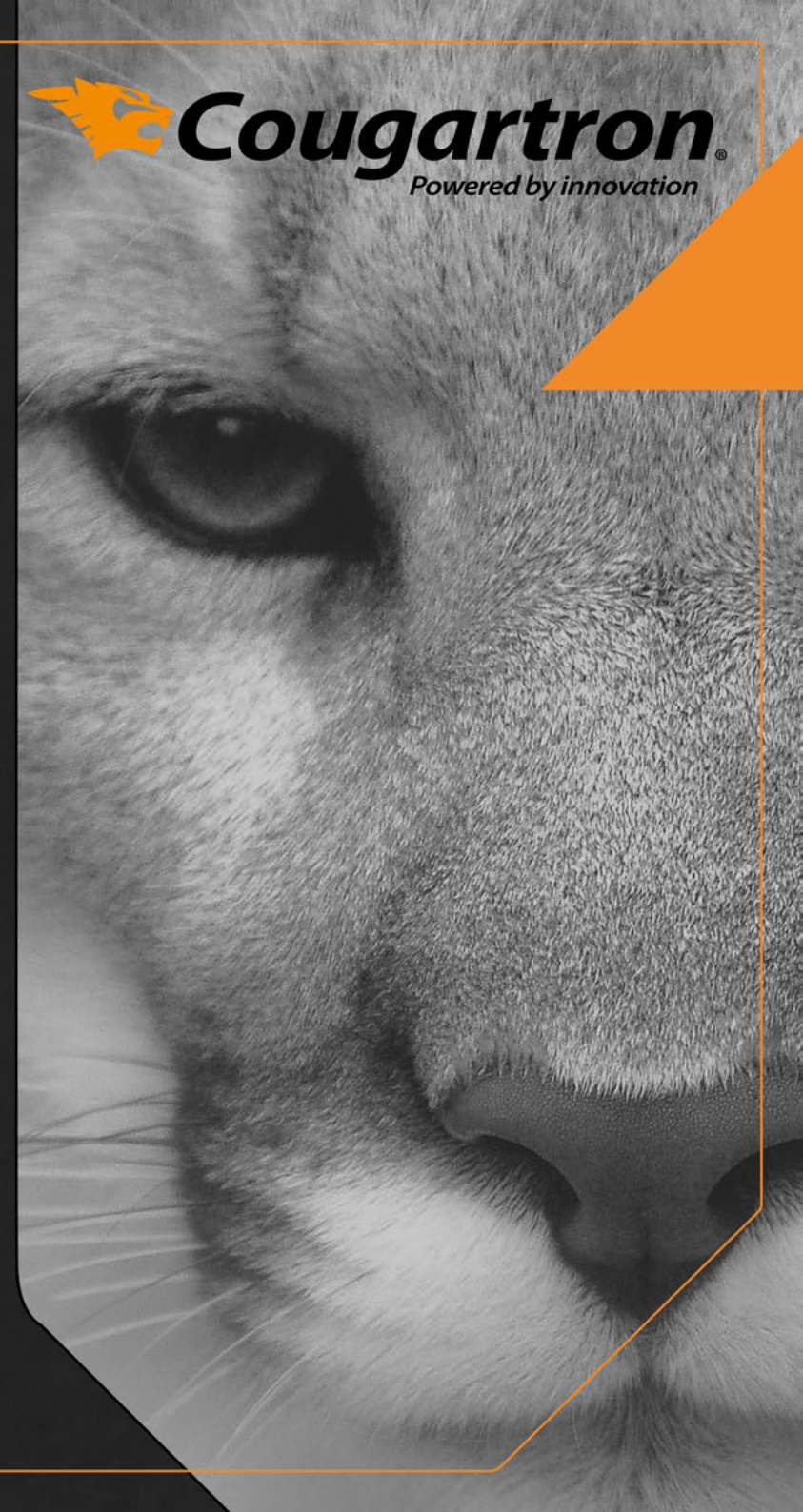
JONATHAN EDWARDS
| FOUNDER OF COUGARTRON INC.

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UNPARALLELED WELD CLEANING PERFORMANCE

Mig Welding

Double Pass Tig Welding

Tig Welding

Spot Welding

Cross Contamination

Heat Penetration

THE COUGARTRON BRAND IS PRESENT WORLDWIDE

— Head Office   — Office   — Distributor

POWERED BY INNOVATION, SUPPORTED BY INSIGHT!

The Cougartron brand is present on most continents with local presence in all major markets. We serve Europe from our BM Group headquarters in Denmark, and the Americas from the Cougartron, Inc. headquarters in Pennsylvania, USA.

Interested in becoming a partner?
Get more information here:

For more information about Cougartron Inc. please visit:
www.cougartron.com

WHAT MAKES THE COUGARTRON MACHINES SPECIAL

Cougartron weld cleaning machines are designed with the focus on all key parameters that positively affect safety and productivity at the workplace.

▶ **WEIGHT**

Cougartron machines are easy to transport and are therefore suitable for both stationary and non-stationary work.

▶ **DIMENSIONS**

Cougartron machines are exceptionally powerful for their size and offer the highest power-to-weight ratio on the market.

▶ **TECHNOLOGY**

Cougartron weld cleaning machines apply the latest electrolytic technology to maintain the consistency of your weld cleaning and surface polishing results.

▶ **USER FRIENDLY**

Our weld cleaners are equipped with intuitive touch displays for easy reading, adjusting settings and durability in harsher work environments.

▶ **RELIABLE**

Cougartron machines are designed for heavy-duty work and will not overload easily. We also provide you with a direct access to our technical support to ensure that your company keeps producing.
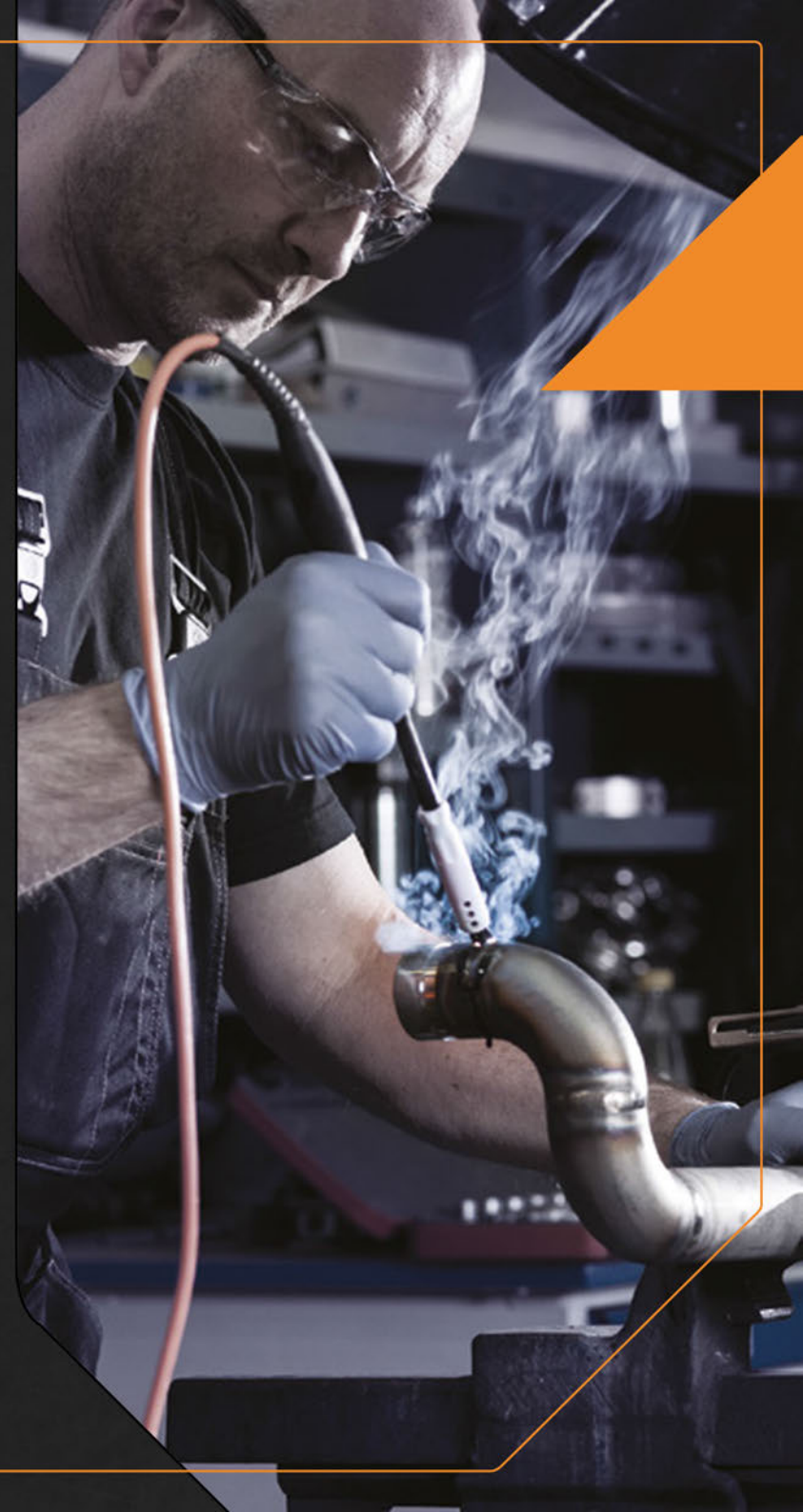
MACHINE OVERVIEW

	INOXPOWER	INOXMUSCLE	PLUS	PROPLUS	INOXFURY	MK12
	30 Amps	30 Amps	30 Amps	50 Amps	200 Amps	
	3.7 Kgs	3.7 Kgs	6.2 Kgs	7.2 Kgs	26 Kgs	0.9 Kgs
Cleaning Tig - light	✓	✓	✓	✓	✓	
Cleaning Tig - dark	✓	✓	✓	✓	✓	
Cleaning Mig - light				✓	✓	
Cleaning Mig - dark					✓	
Cleaning Aluminium				✓	✓	
Polishing		✓	✓	✓	✓	
Marking	✓		✓	✓	✓	✓

Cougartron
InoxPower

FUNCTIONS

POWER	30 Amps
WEIGHT	3.7 KGS
CLEANING TIG	Light, Dark
CLEANING MIG	-
CLEANING ALUMINIUM	-
POLISHING	-
MARKING	✓

INOXPOWER FEATURES

PRODUCT DESCRIPTION

The InoxPower is a compact and portable weld cleaning machine designed for both professional and hobbyist use within smaller production environments.

FUNCTIONS & BENEFITS

This lightweight and practical machine is developed for stainless steel weld cleaning and marking. Unlike our stronger machines, InoxPower is not equipped for polishing but remains very efficient with weld cleaning and passivation.

WELC1030 - Cougartron InoxPower starterpack, 230V, 50Hz,14V
WELC1031 - Cougartron InoxPower starterpack, 110V, 50Hz,14V

HANDLE FOR MOBILITY

USER-FRIENDLY CONTROL BUTTON

LIGHTWEIGHT HOUSING

SLIDING SHROUD FOR OPTIMAL CLEANING CONTROL

EARTH CLAMP CONNECTION

WORK LEAD CONNECTION

Cougartron
InoxMuscle

FUNCTIONS

POWER	30 Amps
WEIGHT	3.7 KGS
CLEANING TIG	Light, Dark
CLEANING MIG	-
CLEANING ALUMINIUM	-
POLISHING	✓
MARKING	-

INOXMUSCLE FEATURES

PRODUCT DESCRIPTION

The InoxMuscle is incredibly lightweight and compact weld cleaner with the ability to clean and electro-polish stainless steel welds and surfaces. This machine is ideal for everyday stainless steel TIG jobs.

FUNCTIONS & BENEFITS

InoxMuscle offers flexibility and mobility as well as compact solution to your weld cleaning needs. At only 3.7kg, this machine has the highest power to weight ratio on the market. Its performance is stunning for its size.

WELC1024 - Cougartron InoxMuscle starterpack, 230V, 50Hz,14V
WELC1025 - Cougartron InoxMuscle starterpack, 110V, 50Hz,14V

INTEGRATED HANDLE FOR MOBILITY

INTUITIVE TOUCH BUTTON CONTROL

LIGHTWEIGHT HOUSING

SLIDING SHROUD FOR OPTIMAL CLEANING CONTROL

EARTH CLAMP CONNECTION

WORK LEAD CONNECTION

Cougartron
Plus

FUNCTIONS

POWER	30 Amps
WEIGHT	6.2 KGS
CLEANING TIG	Light, Dark
CLEANING MIG	-
CLEANING ALUMINIUM	-
POLISHING	✓
MARKING	✓

COUGARTRON **PLUS** FEATURES

PRODUCT DESCRIPTION

Cougartron Plus is a smart alternative for smaller production environments and stainless steel weld cleaning. It is lighter while still being capable of exceptional TIG weld cleaning using the CougarSense technology.

FUNCTIONS & BENEFITS

The Plus is a fantastic machine for one-step cleaning, polishing and etching. It provides the ability to clean welds efficiently with reduced down-time and more safety. This machine does not alter the surface and eliminates the posibility of rust. Use the Plus to avoid vibration injury or metal dust.

WELC1017 - Cougartron Plus starterpack 230v, 50Hz,18V
WELC1023 - Cougartron Plus starterpack 110v, 50Hz,18V

INTUITIVE TOUCH BUTTON CONTROL

FOLDING HANDLE FOR EASY TRANSPORT

ROBUST HOUSING

WORK LEAD CONNECTION

SLIDING SHROUD FOR OPTIMAL CLEANING CONTROL

EARTH CLAMP CONNECTION

Cougartron
ProPlus

FUNCTIONS

POWER	50 Amps
WEIGHT	7.2 KGS
CLEANING TIG	Light, Dark
CLEANING MIG	Light
CLEANING ALUMINIUM	✓
POLISHING	✓
MARKING	✓

COUGARTRON PROPLUS FEATURES

PRODUCT DESCRIPTION

Cougartron ProPlus delivers a unique combination of electricity, heat and chemistry for superior weld cleaning, surface polishing and etching. This machine is able to clean both TIG and MIG welds on stainless steel and even on aluminium.

FUNCTIONS & BENEFITS

The ProPlus is perfectly transportable and ideal for on-site use. It is remarkably lightweight but at the same time incredibly powerful. With the power readout screen, you can get the exact power output you need, and the precisely controlled current gives you always consistent results.

WELC1016 - Cougartron ProPlus starterpack 230v, 50Hz,14V
WELC1022 - Cougartron ProPlus starterpack 110v, 50Hz,14V

INTUITIVE TOUCH-BUTTON CONTROL

FOLDING HANDLE FOR EASY TRANSPORT

ROBUST HOUSING

SLIDING SHROUD FOR THE BEST CLEANING CONTROL

WORK LEAD CONNECTION

EARTH CLAMP CONNECTION

Cougartron
InoxFury

FUNCTIONS

POWER	200 Amps
WEIGHT	26 KGS
CLEANING TIG	Light, Dark
CLEANING MIG	Light, Dark
CLEANING ALUMINIUM	✓
POLISHING	✓
MARKING	✓

COUGARTRON INOXFURY FEATURES

PRODUCT DESCRIPTION

The Cougartron InoxFURY is a high-powered machine developed for cleaning large and heavily oxidized welds. It is by far the strongest weld cleaning machine on the market - capable to clean TIG, MIG, MMA, Stick and other types of welds.

FUNCTIONS & BENEFITS

InoxFURY is designed for effective weld cleaning, passivation and polishing, but can also be used for marking and etching on stainless steel and aluminium surfaces.

The machine is best used for heavy-duty work and can be adapted to suit specific production requirements and applications.

WELC1027 - Cougartron InoxFury machine set, 230V, 50Hz
WELC1028 - Cougartron InoxFury machine set, 110V, 50Hz

RETRACTABLE HANDLE

TOUCH SCREEN CONTROL PANEL

EARTH CLAMP CONNECTION

WORK LEAD CONNECTION

LIFTING HANDLE

ROBUST CASE

ROBUST WHEELS

Cougartron
MK12

FUNCTIONS

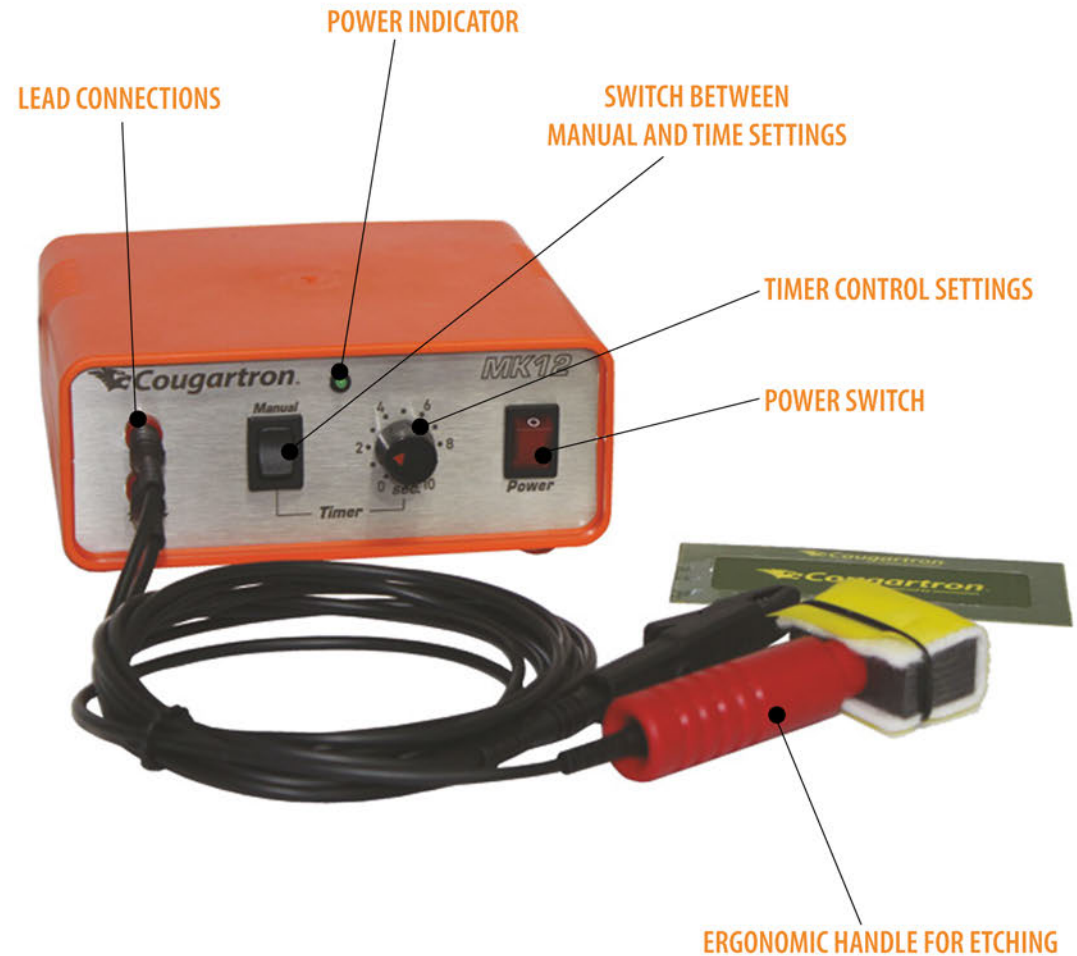|	
WEIGHT	0.9 KGS
CLEANING TIG	-
CLEANING MIG	-
CLEANING ALUMINUM	-
POLISHING	-
MARKING	✓

COUGARTRON MK12 FEATURES

PRODUCT DESCRIPTION

MK12 is a powerful yet efficient solution designed to meet your metal marking needs. This machine can be used for etching important information onto your parts such as names, part numbers, and logos. Its overall features and size make it a great tool for everyday use.

FUNCTIONS & BENEFITS

This smart machine allows you to mark onto a range of metals including: Stainless Steel, Mild Steel, Aluminium, Brass, and Copper. The MK12 is a super compact, quick and safe marking solution which will make your etching process more flexible and less time consuming.

WELC4027 - Cougartron MK12 Etching Machine Set — 12V, 230V

POWER INDICATOR

LEAD CONNECTIONS

SWITCH BETWEEN
MANUAL AND TIME SETTINGS

TIMER CONTROL SETTINGS

POWER SWITCH

ERGONOMIC HANDLE FOR ETCHING

WELD CLEANING MACHINE ACCESSORIES

PART #	PRODUCT TYPE
WELC2009	Cougartron 500mm wand extension
WELC3021	Copper grease 20g

PART #	PRODUCT TYPE
WELC2047	Cougartron handle & lead, orange, w/ X connector — 4M
WELC2118	Cougartron earth lead & clamp w/ X connector — 4M
WELC2176	Cougartron S/S earth clamp w/ X connector — 4M
WELC2324	Cougartron InoxFURY Handle Cable Orange – 6M
WELC2325	Cougartron InoxFURY Earth Cable Black – 6M

PART #	PRODUCT TYPE
WELC2120	Cougartron ext lead, black, w/ X connector — 4M
WELC2122	Cougartron ext lead, orange, w/ X connector — 4M

PART #	PRODUCT TYPE
WELC2025	IEC power lead 1.8M 230V (DK)
WELC2026	IEC power lead 1.8M 230V (EU)
WELC2200	IEC power lead 1.8M 230V (UK)
WELC2221	IEC Power lead 1.8M 110V (UK)
WELC2231	IEC power lead 1.8M 230V (AU/NZ)

WELD CLEANING BRUSHES

PART #	PRODUCT TYPE	
WELC3101	Cougartron Powerbrush - copper crimp	-10pack - 0-30Amp
WELC3146	Cougartron Superbrush with Hex crimp	-10pack - 30-80Amp
WELC3149	Cougartron InoxFURY 200A brush - copper crimp	-10pack - 80-200Amp

PART #	PRODUCT TYPE
WELC3105	Cougartron Powerbrush - stainless crimp -10pack - 0-30Amp

PART #	PRODUCT TYPE
WELC3131	Cougartron Pipebrush — Ø8mmx50mm long, 100mm shaft
WELC3121	Cougartron Pipebrush — Ø15mmx30mm long, 50mm shaft
WELC3032	Cougartron Pipebrush — Ø18mmx90mm long
WELC3033	Cougartron Pipebrush — Ø25mmx90mm long
WELC3037	Cougartron Pipebrush — Ø40mmx90mm long
WELC3041	Cougartron Pipebrush — Ø50mmx90mm long

PART #	PRODUCT TYPE
WELC3091	Cougartron ThunderBrush III brush (large)

WELD CLEANING BRUSH ACCESSORIES

PART #	PRODUCT TYPE
WELC2167	Cougartron Wand with sliding shroud (single brush)
WELC2055	Cougartron sliding shroud
WELC2056	Cougartron wand - with 6mm parallel thread

PART #	PRODUCT TYPE
WELC2226	Cougartron Wand with twist shroud (single brush)
WELC2227	Cougartron Spare twist shroud
WELC2235	Cougartron Wand to suit twist shroud

PART #	PRODUCT TYPE
WELC2001	Cougartron single short brush shroud - fixed
WELC2038	Cougartron single long brush shroud - fixed
WELC2090	Cougartron ThunderBrush III shroud (large)

PART #	PRODUCT TYPE
WELC2006	Cougartron double brush adaptor/holder
WELC2007	Cougartron double brush shroud — fixed
WELC2174	Cougartron double brush sliding shroud
WELC2188	CGT Wand w/ double brush adaptor & sliding shroud

PART #	PRODUCT TYPE
WELC2313	Cougartron InoxFURY triple brush wand and twist shroud
WELC2326	Cougartron InoxFURY triple brush wand
WELC2327	Cougartron InoxFURY twist shroud for triple brush wand

WELD CLEANING BRUSH ACCESSORIES

PART #	PRODUCT TYPE
WELC2010	Cougartron quad brush adaptor/holder
WELC2011	Cougartron quad brush shroud — fixed
WELC2209	Cougartron quad brush sliding shroud
WELC2214	CGT Wand w/ quad brush adaptor & sliding shroud

PART #	PRODUCT TYPE
WELC2014	Cougartron 90 degree brush adaptor
WELC2175	Cougartron 45 degree brush adaptor
WELC2199	Cougartron 135 degree brush adaptor

WELD CLEANING FLUID ACCESSORIES

PART #	PRODUCT TYPE
WELC2005	Acid pot 500ml with lid
WELC2149	Cougartron microfibrecloth — 40x40cm (black)

PART #	PRODUCT TYPE
WELC2201	Cougartron spray bottle with sprayer 0.5L (empty)
WELC2092	Cougartron sprayer for spray bottle — orange

WELD CLEANING FLUIDS

PART #	PRODUCT TYPE
WELC3048	CGT-550 Weld Cleaning & Polishing Fluid — 5L
WELC3081	CGT-550 Weld Cleaning & Polishing Fluid — 1L

PART #	PRODUCT TYPE
WELC3050	CGT-350 Weld Cleaning Fluid — 5L
WELC3083	CGT-350 Weld Cleaning Fluid — 1L

PART #	PRODUCT TYPE
WELC3096	CGT-550G Weld Cleaning & Polishing Gel — 5L
WELC3095	CGT-550G Weld Cleaning & Polishing Gel — 1L

PART #	PRODUCT TYPE
WELC3114	CGT-N1 Neutralising Fluid — 5 L
WELC3120	CGT-N1 Neutralising Fluid — 500ml
WELC3049	CGT-100 Finishing Fluid — 5L
WELC3093	CGT-100 Finishing Fluid — 500ml

MARKING FLUIDS

PART #	PRODUCT TYPE	
WELC3115	Cougartron CGT-S1 Etching Fluid — 500ml	for Stainless Steel
WELC3116	Cougartron CGT-AL Etching Fluid — 500ml	for Aluminium
WELC3117	Cougartron CGT-MS Etching Fluid — 500ml	for Mild Steel
WELC3118	Cougartron CGT-BR Etching Fluid — 500ml	for Brass
WELC3119	Cougartron CGT-CO Etching Fluid — 500ml	Copper/Zinc coated metal
WELC3133	Cougartron CGT-TI Etching Fluid — 500ml	for Titanium

ETCHING SETS & SPARES

PART #	PRODUCT TYPE
WELC4035	Cougartron ProPlus Etching Set with case

PART #	PRODUCT TYPE
WELC4045	Cougartron Basic Etching Set with case

PART #	PRODUCT TYPE
WELC4040	Cougartron Etching Electrode with straight adaptor
WELC4002	Weld-Cleaner O-ring for 30x15mm Etch Block (pack10)
WELC4003	Weld-Cleaner Etching Felt Strip 1000x50mm

ETCHING STENCILS & PRINTERS

PART #	PRODUCT TYPE
WELC4007	Etching stencil — 40x75mm
WELC4008	Etching stencil — 60x100mm
WELC4009	Etching stencil — 100x150mm
WELC4113	Stencil: "Cougartron" with plastic frame 113x50mm

PART #	PRODUCT TYPE
WELC4020	TTP-245C thermal printer w/ full cutter installed
WELC4021	106mm x 100m Etching Roll

PART #	PRODUCT TYPE
WELC4043	PT-D600VP Brother Label Printer 18-24mm tapes
WELC4284	PT-E550WVP Brother Label Printer 18-24mm tapes
WELC4014	Cougartron Stencil tape, 18mm x 3m
WELC4015	Cougartron Stencil tape, 24mm x 3m

PART #	PRODUCT TYPE
WELC4339	PT-800W Brother Label Printer 18-36mm tape
WELC4016	Cougartron Stencil tape, 36mm x 3m

MK12 MACHINE SPARES & CONSUMABLES

PART #	PRODUCT TYPE
WELC4025	Cougartron MK12 carbon felt 75x40x4,6mm (12 pcs)
WELC4033	Cougartron MK12 white felt 75x40x3mm (12 pcs)
WELC4026	Cougartron MK12 yellow fabric 75x40mm (12 pcs)

PART #	PRODUCT TYPE
WELC4029	Cougartron MK12 etching carbon block 40x15x25mm
WELC4034	Cougartron MK12 etching O-ring 40x15x25mm block
WELC4028	Cougartron MK12 etching handle for handstamp
WELC4032	Cougartron MK12 etching cable for handle

PART #	PRODUCT TYPE
WELC4030	Cougartron MK12 etching clamp
WELC4031	Cougartron MK12 etching cable for clamp

Notes

Notes

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