Cougartron
Powered by innovation

Weld Cleaning & Marking Machines

WELD CLEANING · SURFACE POLISHING · MARKING

PRODUCT CATALOGUE

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.**

CONTENTS

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.

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

UNPARALLELED WELD CLEANING PERFORMANCE

Mig Welding

Double Pass Tig Welding

Tig Welding

Spot Welding

Cross Contamination

Heat Penetration

Marking

MACHINE OVERVIEW

	INOXPOWER	INOXMUSCLE	PLUS	PROPLUS	FURY 100	FURY 200
	30 Amps	30 Amps	30 Amps	50 Amps	100 Amps	200 Amps
	3.7 Kgs	3.7 Kgs	6.2 Kgs	7.2 Kgs	24 Kgs	32 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.

WELC1037 - Cougartron InoxPower machine set 115/230 V, 50/60 Hz

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.

WELC1036 - Cougartron InoxMuscle machine set 115/230 ,V 50/60 Hz

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

Plus

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 possibility 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

ProPlus

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.

FUNCTIONS & BENEFITS

The ProPlus is portable and ideal for on-site use. It is remarkably lightweight but at the same time incredibly powerful. Equipped with a user-friendly power readout screen, Cougartron ProPlus gives you the ability to precisely control the power output.

> **WELC1016 -** Cougartron ProPlus starterpack 230v, 50/60Hz,14V
> **WELC1019 -** Cougartron ProPlus starterpack 110v, 50/60Hz,14V

INTUITIVE TOUCH-BUTTON CONTROL

FOLDING HANDLE FOR EASY TRANSPORT

ROBUST HOUSING

WORK LEAD CONNECTION

EARTH CLAMP CONNECTION

SLIDING SHROUD FOR OPTIMAL CLEANING CONTROL

Cougartron
Fury 100

FUNCTIONS

POWER	100 Amps
WEIGHT	24 KGS
CLEANING TIG	Light, Dark
CLEANING MIG	Light, Dark
CLEANING ALUMINIUM	✓
POLISHING	✓
MARKING	✓

COUGARTRON FURY100 FEATURES

PRODUCT DESCRIPTION

Cougartron FURY 100 is our new addition to the line of FURY weld cleaners—equipped with 100 Amps of power designed to remove the most severe forms of oxidation after TIG and MIG welding. The FURY 100 delivers twice the operating power of our ProPlus machine, making it a great transient solution for applications where 50 Amps is not enough, and where the full power of the 200 Amps (FURY 200) model is not required.

FUNCTIONS & BENEFITS

The FURY 100 is suitable for cleaning of all types of TIG welds and up to 10mm thick MIG welds. The machine also can be used for electropolishing, and for marking & etching with an additional equipment.

WELC1044 - Cougartron FURY 100 Starter Set, 220-240 v, 50/60 Hz
WELC1045 - Cougartron FURY 100 Start Set, 110-130 v, 50/60 Hz

STURDY HANDLE WITH
CABLE HOLDERS

PRACTICAL BRUSH HOLDER
WITH DRIP TRAY

ACID PROOF
CONTROL PANEL

SIDE HANDLES
FOR LIFTING

DINSE CABLE
CONNECTORS

STRONG WHEELS FOR
EASY TRANSPORTATION

Cougartron
Fury 200

FUNCTIONS

POWER	200 Amps
WEIGHT	32 KGS
CLEANING TIG	Light, Dark
CLEANING MIG	Light, Dark
CLEANING ALUMINIUM	✓
POLISHING	✓
MARKING	✓

COUGARTRON FURY200 FEATURES

PRODUCT DESCRIPTION

The Cougartron FURY 200 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

FURY 200 is designed for effective weld cleaning, passivation and polishing, but can also be used for marking and etching on stainless steel surfaces.

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

WELC1041 - Cougartron FURY 200 Starter Set, 230 v, 50/60 Hz
WELC1042 - Cougartron FURY 200 Starter Set, 120 v, 50/60 Hz

IMPROVED HANDLE WITH PRACTICAL CABLE HOLDERS

REDESIGNED CONTROL PANEL WITH ADDITIONAL FUNCTIONALITIES

NEW STURDY CABLES WITH DINSE CONNECTORS

LIFTING HANDLE

STRONG, PUNCTURE PROOF WHEELS

Cougartron
MK12

FUNCTIONS

WEIGHT	0.9 KGS
CLEANING TIG	-
CLEANING MIG	-
CLEANING ALUMINIUM	-
POLISHING	-
MARKING	✓
ETCHING	✓

COUGARTRON MK12 FEATURES
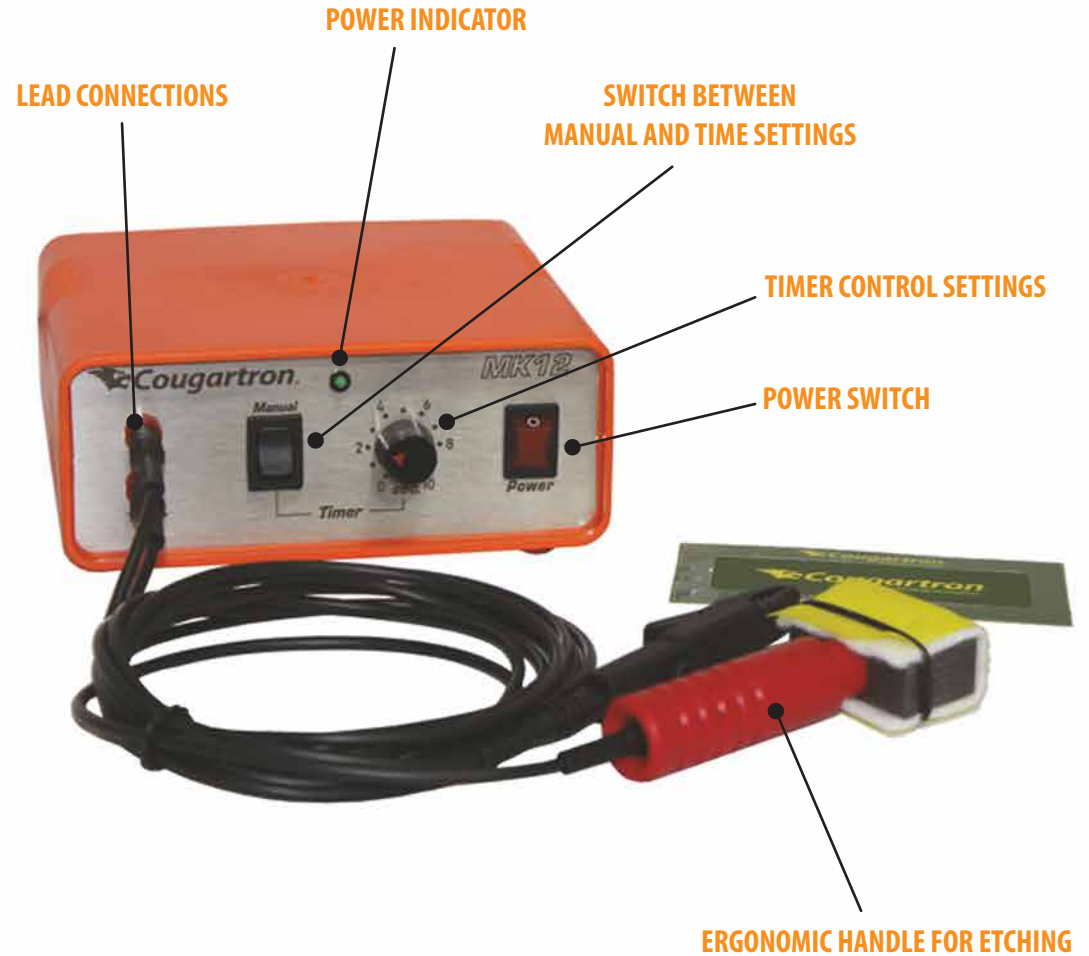
PRODUCT DESCRIPTION

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, Copper, Zinc, Nickel and Titanium. 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 Marking Machine Set - 12V, 230V
WELC4229 - Cougartron MK12 Marking Machine Set - 12V, 110V

POWER INDICATOR

LEAD CONNECTIONS

SWITCH BETWEEN MANUAL AND TIME SETTINGS

TIMER CONTROL SETTINGS

POWER SWITCH

ERGONOMIC HANDLE FOR ETCHING

Cougartron
MK612

FUNCTIONS

WEIGHT	2.5 KGS
CLEANING TIG	-
CLEANING MIG	-
CLEANING ALUMINIUM	-
POLISHING	-
MARKING	✓

PRODUCT DESCRIPTION

The MK612 is an effective marking machine designed for larger metal parts and surfaces. Lightweight and portable, this machine can be used on- and off-site for permanent marking of logos and relevant product information on various types of metal surfaces.

FUNCTIONS & BENEFITS

Thanks to its innovative variable-voltage technology, the MK612 produces high-definition uniform markings without losing color consistency. This gives you the ability to quickly and safely create wide and long-lasting marks on both flat and rounded surfaces. Can be applied on Stainless steel, mild steel, titanium, aluminium, brass, copper, zinc and nickel.

> **WELC4027 -** Cougartron MK612 Metal Marking Machine Set - 6-12V, 230V
> **WELC4024 -** Cougartron MK612 Metal Marking Machine Set - 6-12V, 110V

POWER INDICATOR

MANUAL MODE ACTIVATION

TIMER CONTROL SETTINGS

POWER SWITCH

LEAD CONNECTIONS

VOLTAGE SELECTION

WELD CLEANING MACHINE ACCESSORIES

PART #	PRODUCT TYPE
WELC2009	Cougartron 500mm wand extension
WELC2404	Cougartron Transport Bag
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
WELC2577	Cougartron FURY Handle Cable – 6M
WELC2578	Cougartron FURY Earth Cable – 6M

PART #	PRODUCT TYPE
WELC2120	Cougartron ext lead, black, w/ X connector – 4M
WELC2122	Cougartron ext lead, orange, w/ X connector – 4M
WELC2579	Cougartron FURY Extension Lead, Orange – 6M
WELC2580	Cougartron FURY Extension Lead, Black – 6M

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
WELC3105	Cougartron Powerbrush - stainless crimp -10pack - 0-30Amp
WELC3146	Cougartron Superbrush with Hex crimp -10pack - 30-80Amp
WELC3149	Cougartron FURY 200A brush - copper crimp -10pack - 80-200Amp

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
WELC3152	Cougartron Pipebrush — Ø6mm x 50mm (100mm shaft)
WELC3153	Cougartron Pipebrush — Ø10mm x 50mm (100mm shaft)
WELC3154	Cougartron Pipebrush — Ø12mm x 50mm (100mm shaft)

WELD CLEANING BRUSH ACCESSORIES

PART #	PRODUCT TYPE
WELC2226	Cougartron Wand with twist shroud (single brush)
WELC2227	Cougartron Spare twist shroud
WELC2235	Cougartron Wand to suit twist shroud
WELC2470	Cougartron FURY Wand and Twist Shroud set – for single brush
WELC2547	Cougartron FURY Wand to suit twist shroud – spare
WELC2545	Cougartron FURY Twist Shroud – spare
WELC2546	Cougartron M8 to M6 adapter

PART #	PRODUCT TYPE
WELC2001	Cougartron single short brush shroud – fixed (for pipe brush)
WELC2038	Cougartron single long brush shroud – fixed (for pipe brush)
WELC2014	Cougartron 90-degree angle brush adapter
WELC2175	Cougartron 45-degree angle brush adapter
WELC2199	Cougartron 135-degree angle brush adapter

PART #	PRODUCT TYPE
WELC2188	Cougartron Double Brush Set – for M6 (regular) brush
WELC2448	Cougartron FURY Double Brush Set – for FURY brush
WELC2572	Cougartron Double Brush Twist Shroud – spare
WELC2006	Cougartron M6 Double Brush Adapter

PART #	PRODUCT TYPE
WELC2313	Cougartron FURY Triple Brush Set – for FURY brush
WELC2326	Cougartron FURY Triple Brush Wand – spare
WELC2327	Cougartron FURY Triple Brush Twist Shroud – spare

WELD CLEANING BRUSH ACCESSORIES

PART #	PRODUCT TYPE
WELC2214	Cougartron Quad Brush Set – for M6 (regular) brush
WELC2457	Cougartron FURY Quad Brush Set – for FURY brush
WELC2573	Cougartron Quad Brush Twist Shroud – spare
WELC2010	Cougartron M6 Quad Brush Adapter

WELD CLEANING FLUID ACCESSORIES

PART #	PRODUCT TYPE
WELC2005	Acid pot 500ml with lid - 500ml
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
WELC3158	CGT-N5 Neutralizing Fluid — 5L
WELC3165	CGT-N5 Neutralizing Fluid — 500ml
WELC3114	CGT-N1 Neutralising Fluid — 5 L
WELC3120	CGT-N1 Neutralising Fluid — 500ml

MARKING FLUIDS

PART #	PRODUCT TYPE
WELC3115	Cougartron CGT-S1 Marking Fluid — 500ml for Stainless Steel
WELC3116	Cougartron CGT-AL Marking Fluid — 500ml for Aluminium
WELC3117	Cougartron CGT-MS Marking Fluid — 500ml for Mild Steel
WELC3118	Cougartron CGT-BR Marking Fluid — 500ml for Brass
WELC3119	Cougartron CGT-CO Marking Fluid — 500ml Copper/Zinc coated metal
WELC3133	Cougartron CGT-TI Marking Fluid — 500ml for Titanium
WELC3150	Cougartron CGT-NC Marking Fluid — 500ml for Nickel
WELC3159	Cougartron CGT-SA Marking / Etching Fluid — 500ml for Stainless Steel & Aluminium
WELC3164	Cougartron CGT-E1 Etching Fluid — 500ml for Stainless Steel

ETCHING SETS & SPARES

PART #	PRODUCT TYPE
WELC4045	Cougartron Basic Etching Set with case (for all models)

PART #	PRODUCT TYPE
WELC4040	Cougartron Marking Head with Adaptor
WELC4002	Cougartron O-ring to suit Marking Head (5 pack)
WELC4033	Cougartron White Marking Felt - (10 pack)

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

* Multi-use stencils can be prepared with custom made dimensions and company logo.

PART #	PRODUCT TYPE
WELC4020	TTP-245C thermal printer w/ full cutter installed
WELC4017	Cougartron SP100 Thermal Stencil Printer
WELC4021	106mm x 100m Etching Roll

PART #	PRODUCT TYPE
WELC4043	PT-D600VP Brother Label Printer 18-24mm tapes (desktop)
WELC4284	PT-E550WVP Brother Label Printer 18-24mm tapes (handheld)
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 (desktop)
WELC4016	Cougartron Stencil tape, 36mm x 3m

PART #	PRODUCT TYPE
WELC4025	Cougartron Carbon Marking Felt - (10 pack)
WELC4033	Cougartron White Marking Felt - (10 pack)
WELC4026	Cougartron Yellow Marking Fabric - (10 pack)

PART #	PRODUCT TYPE
WELC4029	Cougartron Marking Head (without adaptor)
WELC4002	Cougartron O-ring to suit Marking Head
WELC4028	Cougartron MK Marking Handle
WELC4032	Cougartron MK Cable for the Marking Handle

PART #	PRODUCT TYPE
WELC4030	Cougartron MK Replacement Clamp
WELC4031	Cougartron MK Cable for Clamp

WELD PURGING

PART #	PRODUCT TYPE
CP3000	Cougartron Purge'N'Weld –Purge Bung Kit

WELD WIPES

PART #	PRODUCT TYPE
CW0001	Cougartron Wipe'N'Weld –Specialized Pre-weld Cleaning Wipes

Notes

Notes

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CONTACT US TO FIND YOUR NEAREST COUGARTRON PARTNER

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