



The weld seam treatment & marking catalog



A passion for perfection

Pioneer and world market leader in weld-cleaning, innovation driver in the industry: These designations fill us with pride, because behind them are decades of hard work. But first and foremost, we see ourselves as your trustworthy partner when it comes to fast, efficient and safe stainless steel weld-cleaning, passivation & marking solutions.

In 2012, Jonathan Edwards (founder of Cougartron) embarked on a project to develop a superior stainless steel weld cleaning & passivation solution that would both provide faster results and improve working conditions. Today, Cougartron's range of high-quality weld-cleaning & marking equipment is a direct result of a thorough R&D process based on over three decades of in-depth industry insight and manufacturing experience.

Since the launch of our first machines in 2012, our designs have continuously evolved, resulting in newer, faster & more reliable equipment. One of our key values is 'Industry deserves the best'. With this in mind, we continually strive to create best-in-class equipment, always believing that we can achieve more power, more performance & ultimately, a better user experience.

Our R&D pipeline reflects not only our commitment to robust, high-performance electronics, but also accessories, consumables and peripheral devices such as automatic fluid feed systems.



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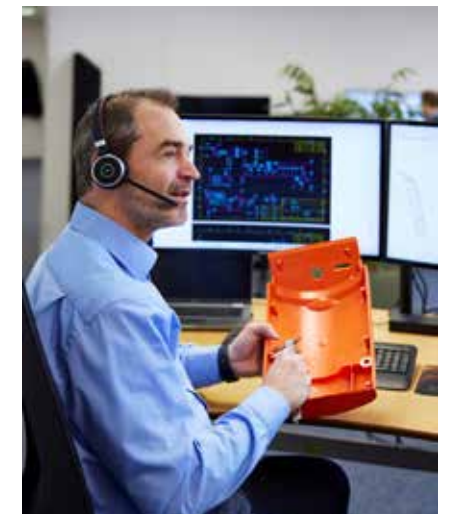
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The weld-cleaner product range

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Every metalworker deserves
fast, safe & effective
weld-cleaning & passivation
equipment.

That's why
Cougartron exists.

Common features



High-speed cleaning

We don't make slow weld-cleaners. Ranging from 30-200A (600-3000VA) our weld-cleaners are best-in-class for their respective applications



Food-safe fluids

The Cougartron cleaning process uses food-grade electrolytes, certified for use in the food and pharmaceutical industry



Long brush life

Our brushes are optimised for our equipment, meaning a brush lifetime of 5-8 hours of cleaning (life time varies according to application)



Advanced electronics

Cougarsense electronics mean that the perfect amount of power is delivered to the weld-cleaning process, without burning the brush



Intuitive user interface

Compact control panels with simple operation, with feedback from a digital display makes Cougartron machines easy to use



Extra long, heavy duty cables

4 or 6m long cables as standard with extensions up to 4x the length available as extras



Extended warranty

An extended 2-year warranty is available for all users by registering your machine on our website



Fast technical support & repairs

We understand that every stainless steel welding workshop needs on-time, efficient support to keep their equipment running perfectly

Product comparison



Technical data	Power30	Power30X
Power supply	110V AC, 50/60Hz, 4A	110 V AC, 50/60Hz, 4A
Weld-cleaning: Amp range	5-30A, 5A increments	5-30A, 5A increments
Weld-cleaning: Voltage range	10-14 V AC	10-14 V AC
Polishing: Amp range	N/A	5-30A, 5A increments
Polishing: Voltage range	N/A	10 V DC
Marking: Amp range	2-10A, 2A increments	2-10A, 2A increments
Marking: Voltage range	10 V AC	10 V AC
Duty cycle	100%	100%
Detachable handle	No	No
Power Supply Chord Length	6'	6'
Output cable length	12'	12'
Output cable Size	10mm ²	10mm ²
Brush holder options	1	1
Fluid feed compatible	Yes	Yes
Enclosure protection	IP64	IP64

ProPlus	Fury100	Fury200	Fury200XF
110V AC, 50/60Hz, 8A	110V AC, 50/60Hz, 8A	240 V AC, 50/60 Hz, 16A	240 V AC, 50/60 Hz, 16A
5-50A, 5A increments	10-100A, 10A increments	20-200A, 20A increments	20-200A, 20A increments
14 V AC	10-16 V AC	10-16 V AC	10-16 V AC
5-50A, 5A increments	10-100A, 10A increments	20-200A, 20A increments	20-200A, 20A increments
14 V DC	10-12 V DC	10-12 V DC	10-12 V DC
2-10A, 2A increments	2-10A, 2A increments	2-10A, 2A increments	2-10A, 2A increments
14 V AC	12 V AC	12 V AC	12 V AC
100%	100%	100%	100%
No	Yes	Yes	Yes
1.5m	4m	4m	4m
4m	6m	6m	6m
10mm ²	35mm ²	35mm ²	35mm ²
1, 2	1, 2	1, 2, 3, 4	1, 2, 3
Yes	No	No	Yes
IP64	IP53	IP53	IP53

Why clean stainless weld seams?

Here are the main reasons why:

1. Oxides (also known heat tint or discolouration) form during the welding process due to the high temperatures
2. These oxides reduce the corrosion-resistance of the stainless steel (meaning it can rust easily)
3. As stainless steel is usually not painted or coated, the product looks much better and more professional when the oxides are removed (giving a shiny, clean weld)

Interested to learn more? These points are explained in more detail below.

Impact on Stainless Steel Properties

Stainless steel is known for its corrosion resistance due to the presence of a thin, invisible layer known as the passive layer on its surface. However, welding breaks down the passive layer leading to the formation of a thicker layer of oxides. These oxides are generally less corrosion-resistant and cause corrosion to the stainless steel, resulting in localized corrosion and reduced strength.

Compromised Structural Integrity

The presence of oxides on the weld seam can compromise the structural integrity of the joint. The oxides may act as stress concentrators, leading to the initiation and propagation of cracks. This can result in premature failure of the welded component, posing a safety risk, especially in critical applications.

Importance of Achieving Visual Appeal

Additionally, removing oxides is important for achieving a visually appealing weld seam. Stainless steel is often used in applications where aesthetics play a vital role, such as architectural structures or high-end consumer products. It is also used in highly hygienic environments such as food & beverage factories and pharmaceutical production plants. Oxides on the weld seam can tarnish the appearance of the finished product, making it look unsightly and unprofessional. By removing the oxides, a clean, smooth, and uniform weld seam can be achieved, enhancing the overall visual appeal of the stainless steel component.

Interested to learn more?

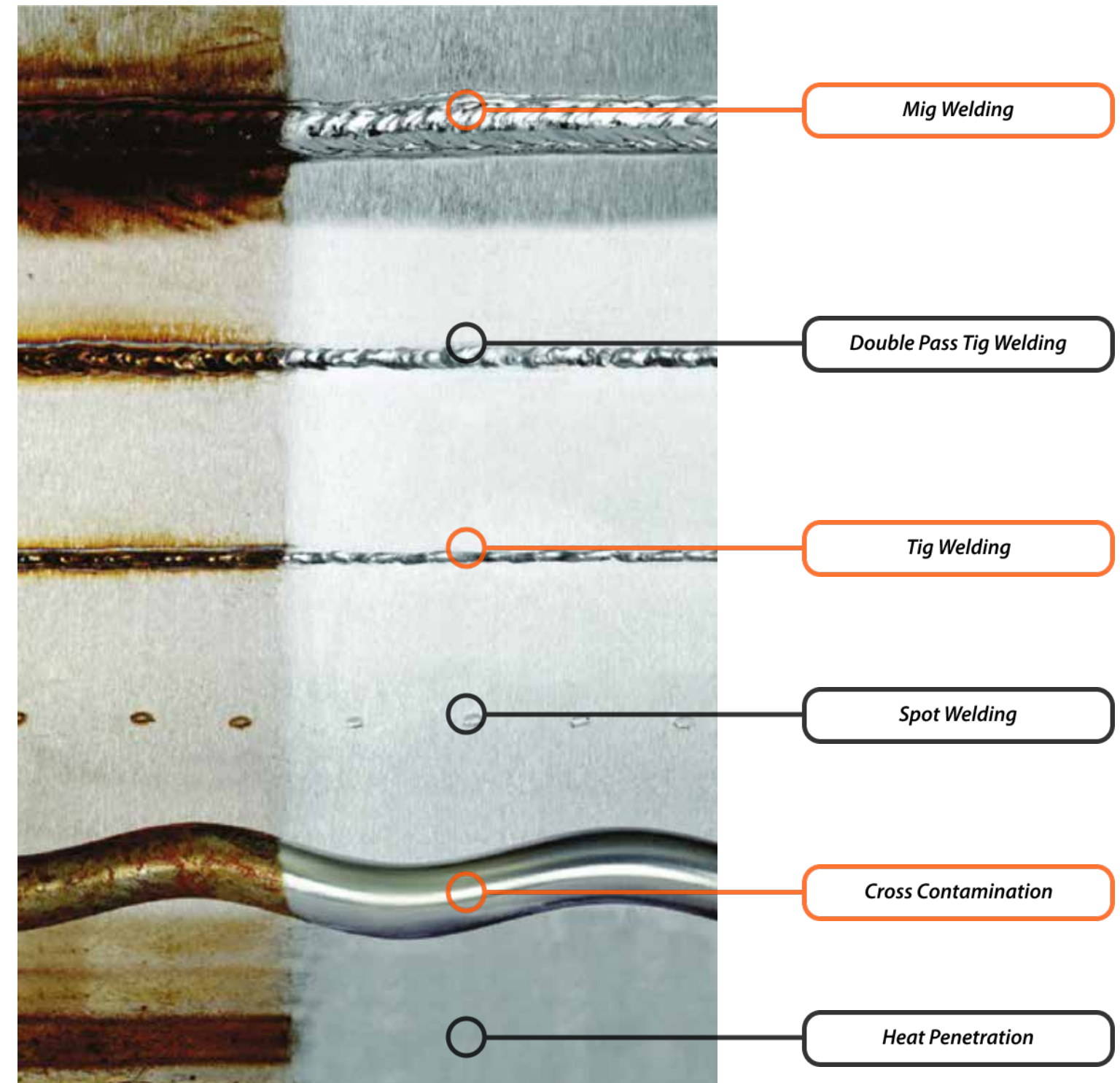
Visit our blog at www.cougartron.com or use the QR code.



Stainless Steel Weld Types

Cougartron equipment can be used for cleaning and passivating almost any kind of stainless steel weld seam or heat tint.

Below are examples of some common applications. Generally, TIG weld seams are easier and faster to clean while MIG welds are typically more heavily oxidised and require a higher-powered machine (e.g. Fury 200) to clean effectively. See page 14 to choose the correct machine for your application.



Mig Welding

Double Pass Tig Welding

Tig Welding

Spot Welding

Cross Contamination

Heat Penetration

Machine selection tool

Use the table below to help you identify the correct weld-cleaner for your needs

A	B	C				
Welding process	Material thickness	Hours/ week	Amps	Machines(s)	Cleaning speed feet/ min approx.	
TIG	Sheet up to 12 gauge	<5	30	Power30, Power30X	1.5	
TIG	Sheet up to 12 gauge	5-20	50	ProPlus	3.0	
TIG	Sheet up to 12 gauge	20+	100	Fury100	6.0	
TIG	Plate up to 1/4"	<5	30	Power30, Power30X	1.0	
TIG	Plate up to 1/4"	5-20	50-100	ProPlus, Fury100	3.0	
TIG	Plate up to 1/4"	20+	200	Fury200 / Fury200XF	6.0	
TIG	Plate over 1/4"	<5	50	ProPlus	1.5	
TIG	Plate over 1/4"	5-20	50-100	Fury100, Fury200	3.0	
TIG	Plate over 1/4"	20+	200	Fury200 / Fury200XF	6.0	
MIG	Sheet up to 3/16"	<5	50	ProPlus	1.5	
MIG	Sheet up to 3/16"	5-20	50-100	Fury100, Fury200	3.0	
MIG	Sheet up to 3/16"	20+	200	Fury200 / Fury200XF	6.0	
MIG	Plate 1/4"and up	<5	50	ProPlus, Fury100	1.0	
MIG	5mm+	5-20	50-100	Fury100, Fury200	2.0	
MIG	5mm+	20+	200	Fury200 / Fury200XF	3.0	

Please note: The values in this table are indicative only, and can vary based on the operator and the type of weld etc.

- A** **Criteria A**
Which welding process is used in over 50% of your weld-cleaning applications?
- B** **Criteria B**
Which material thickness is used in over 50% of your weld-cleaning applications?
- C** **Criteria C**
How many hours/week of weld-cleaning do you plan to do on average?





Power30 / Power30X

Power30

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Power30X

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Power30



Weld-cleaning

The Cougartron Power30 is an effective weld cleaner for all stainless steel TIG welds. This new weld cleaning machine effectively removes all types of weld discoloration with a convenient dual output voltage for two modes of weld cleaning.



Marking



Key features

- Fast and effective cleaning power for all kinds of TIG welds
- Easy integration with FL10 or FL20 fluid feed systems (see p. 32)
- 12' power and ground cables, standard Cougartron twist shroud as standard for smart, easy brush length control
- Splashproof membrane control panel is easily wiped clean
- Compact & easily transportable

Technical data

Power supply	110V AC, 50/60Hz, 4A
Weld-cleaning: Amp range	5-30A, 5A increments
Weld-cleaning: Voltage range	10-14 V AC
Polishing: Amp range	N/A
Polishing: Voltage range	N/A
Marking: Amp range	2-10A, 2A increments
Marking: Voltage range	10 V AC
Duty cycle	100%
Detachable handle	No
Power Supply Chord Length	6'
Output cable length	12'
Output cable Size	10mm ²
Brush holder options	1
Fluid feed compatible	Yes
Size (machine only)	15Hx9Wx7L
Enclosure protection	IP64
Certification	CE, UL, CSA, RCM

▶Video



Image for illustrative purposes only. See set contents table for various set options.

Set buying information

Description	Weight	Part nr.
Power30 Weld-cleaner - Basic Set	19 lb	WELC1070
Power30 Weld-cleaner - Starter Set A	34 lb	WELC1071
Power30 Weld-cleaner - Starter Set B	41 lb	WELC1072
Power30 Weld-cleaner - Starter Set C	46 lb	WELC1073

Set contents

Part nr.	Description	Basic Set	Starter Set A	Starter Set B	Starter Set C
n/a	Power30 weld-cleaner (machine only)	x	x	x	x
WELC2047	Lead with handle 12', 50A (x-connector)	x	x	x	x
WELC2118	Lead with ground clamp 12', 50A (x-connector)	x	x	x	x
WELC2226	Wand/twist shroud set (for 1x M6 brush)	x	x	x	x
WELC2005	Acid pot 500ml with lid	x	x	x	x
WELC2149	Microfibre cloth - 40x40cm (orange)	x	x	x	x
WELC2150	Cougartron USB storage device	x	x	x	x
WELC2212	Power Supply Chord	x	x	x	x
n/a	Packaging - cardboard box w. polystyrene insert	x			
WELC2064	Transport case - Large		x	x	x
WELC5006	Foam insert for large transport case (WELC2064)		x	x	x
WELC3092	Powerbrush (M6, 30A) - 5 pieces**		x	x	x
WELC3081	CGT-550 Weld Cleaning & Polishing Fluid - 1L		x	x	x
WELC3165	CGT-N5 HyPerformance Neutralising Fluid - 500ml		x	x	x
WELC2092	Sprayer for spray bottle - orange		x	x	x
WELC2867	Cougartron acid resistant gloves - 1 pair		x	x	x
WELC2868	Cougartron safety glasses		x	x	x
WELC4045	Marking set for weld-cleaning machine (Standard)			x	
STEN1029	Stencil voucher - max size 4"x6"			x	x
WELC4956	Marking set for weld-cleaning machine with Printer (Advanced)				x

Upgrade equipment & spares

Part nr.	Description	Catalog page
WELC1059	FL10 fluid feed system	37
WELC1060	FL20 fluid feed system	39
WELC2570	Mobile equipment stand	42
WELC2826	Mobile workstation	43
WELC2122	Extension lead, orange 12', 50A (x-connector)	45
WELC2120	Extension lead, black 12', 50A (x-connector)	45
WELC2227	Twist shroud (for WELC2235 wand)	52

**Re-order 10-pack (WELC3101) for price savings - see page 48

Power30X

- ✓ **Weld-cleaning**
- ✓ **Polishing**
- ✓ **Marking**

The Cougartron Power30X is a more versatile variant of the popular Power30. As well as great cleaning performance on all types of stainless TIG weld, Power30X also has an integrated polishing function. Effective removal of all types of weld discolouration with a convenient dual output voltage for two modes of weld cleaning.



Key features

- Fast and effective cleaning power for all kinds of TIG welds
- Easy integration with FL10 or FL20 fluid feed systems (see p. 32)
- 12' power and ground cables, standard
- Cougartron twist shroud as standard for smart, easy brush length control
- Splashproof membrane control panel is easily wiped clean
- Compact & easily transportable

Technical data

Power supply	110V AC, 50/60Hz, 4A
Weld-cleaning: Amp range	5-30A, 5A increments
Weld-cleaning: Voltage range	10-14 V AC
Polishing: Amp range	5-30A, 5A increments
Polishing: Voltage range	10 V DC
Marking: Amp range	2-10A, 2A increments
Marking: Voltage range	10 V AC
Duty cycle	100%
Detachable handle	No
Power Supply Chord Length	6'
Output cable length	12'
Output cable Size	10mm ²
Brush holder options	1
Fluid feed compatible	Yes
Size (machine only)	15Hx9Wx7L
Enclosure protection	IP64
Certification	CE, UL, CSA, RCM

▶Video



Image for illustrative purposes only. See set contents table for various set options.

Set buying information

Description	Weight	Part nr.
Power30X Weld-cleaner - Basic Set	19 lb	WELC1080
Power30X Weld-cleaner - Starter Set A	34 lb	WELC1081
Power30X Weld-cleaner - Starter Set B	41 lb	WELC1082
Power30X Weld-cleaner - Starter Set C	46 lb	WELC1083

Set contents

Part nr.	Description	Basic Set	Starter Set A	Starter Set B	Starter Set C
n/a	Power30X weld-cleaner (machine only)	x	x	x	x
WELC2047	Lead with handle 12', 50A (x-connector)	x	x	x	x
WELC2118	Lead with ground clamp 12', 50A (x-connector)	x	x	x	x
WELC2226	Wand/twist shroud set (for 1x M6 brush)	x	x	x	x
WELC2005	Acid pot 500ml with lid	x	x	x	x
WELC2149	Microfibre cloth - 40x40cm (orange)	x	x	x	x
WELC2150	Cougartron USB storage device	x	x	x	x
WELC2212	Power Supply Chord	x	x	x	x
n/a	Packaging - cardboard box w. polystyrene insert	x			
WELC2064	Transport case - Large		x	x	x
WELC5006	Foam insert for large transport case (WELC2064)		x	x	x
WELC3092	Powerbrush (M6, 30A) - 5 pieces**		x	x	x
WELC3081	CGT-550 Weld Cleaning & Polishing Fluid - 1L		x	x	x
WELC3165	CGT-N5 HyPerformance Neutralising Fluid - 500ml		x	x	x
WELC2092	Sprayer for spray bottle - orange		x	x	x
WELC2867	Cougartron acid resistant gloves - 1 pair		x	x	x
WELC2868	Cougartron safety glasses		x	x	x
WELC4045	Marking set for weld-cleaning machine (Standard)			x	
STEN1029	Stencil voucher - max size 4"x6"			x	x
WELC4956	Marking set for weld-cleaning machine with Printer (Advanced)				x

Upgrade equipment & spares

Part nr.	Description	Catalog page
WELC1059	FL10 fluid feed system	37
WELC1060	FL20 fluid feed system	39
WELC2570	Mobile equipment stand	42
WELC2826	Mobile workstation	43
WELC2122	Extension lead, orange 12', 50A (x-connector)	45
WELC2120	Extension lead, black 12', 50A (x-connector)	45
WELC2227	Twist shroud (for WELC2235 wand)	52

**Re-order 10-pack (WELC3101) for price savings - see page 48



ProPlus

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ProPlus

- ✓ **Weld-cleaning**
- ✓ **Polishing**
- ✓ **Marking**

The Cougartron ProPlus has a reputation as a great all-rounder for a variety of industrial weld-cleaning, polishing and marking applications. 50A of cleaning power at 14V allows the ProPlus to quickly and effectively remove heavy TIG oxides and lighter MIG oxides. Choose ProPlus for a powerful weld-cleaner in a compact & user-friendly design.



Key features

- Fast and effective cleaning power for all kinds of TIG welds & light MIG welds
- Easy integration with FL10 or FL20 fluid feed systems (see p. 32)
- 12' power and ground cables, standard
- Cougartron twist shroud as standard for smart, easy brush length control
- Splashproof membrane control panel is easily wiped clean
- Compact & easily transportable

Technical data

Power supply	110V AC, 50/60Hz, 8A
Weld-cleaning: Amp range	5-50A, 5A increments
Weld-cleaning: Voltage range	14 V AC
Polishing: Amp range	5-50A, 5A increments
Polishing: Voltage range	14 V DC
Marking: Amp range	2-10A, 2A increments
Marking: Voltage range	14 V AC
Duty cycle	100%
Detachable handle	No
Power Supply Chord Length	6'
Output cable length	12'
Output cable Size	10mm ²
Brush holder options	1, 2
Fluid feed compatible	Yes
Size (machine only)	15Hx9Wx7L
Enclosure protection	IP64
Certification	CE, UL, CSA

►Video



Image for illustrative purposes only. See set contents table for various set options.

Set buying information

Description	Weight	Part nr.
ProPlus Weld-cleaner - Basic Set	22 lb	WELC1090
ProPlus Weld-cleaner - Starter Set A	36 lb	WELC1091
ProPlus Weld-cleaner - Starter Set B	43 lb	WELC1092
ProPlus Weld-cleaner - Starter Set C	48 lb	WELC1093

Set contents

Part nr.	Description	Basic Set	Starter Set A	Starter Set B	Starter Set C
n/a	ProPlus weld-cleaner (machine only)	x	x	x	x
WELC2047	Lead with handle 12', 50A (x-connector)	x	x	x	x
WELC2118	Lead with ground clamp 12', 50A (x-connector)	x	x	x	x
WELC2226	Wand/twist shroud set (for 1x M6 brush)	x	x	x	x
WELC2005	Acid pot 500ml with lid	x	x	x	x
WELC2149	Microfibre cloth - 40x40cm (orange)	x	x	x	x
WELC2150	Cougartron USB storage device	x	x	x	x
WELC2212	Power Supply Chord	x	x	x	x
n/a	Packaging - cardboard box w. polystyrene insert	x			
WELC2064	Transport case - Large		x	x	x
WELC5006	Foam insert for large transport case (WELC2064)		x	x	x
WELC3145	Superbrush (M6, 50A) - 5 pcs**		x	x	x
WELC3081	CGT-550 Weld Cleaning & Polishing Fluid - 1L		x	x	x
WELC3165	CGT-N5 HyPerformance Neutralising Fluid - 500ml		x	x	x
WELC2092	Sprayer for spray bottle - orange		x	x	x
WELC2867	Cougartron acid resistant gloves - 1 pair		x	x	x
WELC2868	Cougartron safety glasses		x	x	x
WELC4045	Marking set for weld-cleaning machine (Standard)			x	
STEN1029	Stencil voucher - max size 4"x6"			x	x
WELC4956	Marking set for weld-cleaning machine with Printer (Advanced)				x

Upgrade equipment & spares

Part nr.	Description	Catalog page
WELC1059	FL10 fluid feed system	37
WELC1060	FL20 fluid feed system	39
WELC2570	Mobile equipment stand	42
WELC2826	Mobile workstation	43
WELC2122	Extension lead, orange 12', 50A (x-connector)	45
WELC2120	Extension lead, black 12', 50A (x-connector)	45
WELC2227	Twist shroud (for WELC2235 wand)	52

**Re-order 10-pack (WELC3146) for price savings - see page 48



Fury100 / Fury200 / Fury200XF

Fury100

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Fury200

Product features	30
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Fury200XF

Product features	32
Buying information & set contents	33

Fury100

- ✓ **Weld-cleaning** The Cougartron Fury series is designed for the toughest and most demanding industrial applications. With 100A of highly-adjustable cleaning & polishing power, the Fury100 will take all that you can throw at it, and come back asking for more!
- ✓ **Polishing**
- ✓ **Marking**



Key features

- Fast and effective cleaning power for all kinds of TIG and MIG weld seams
- Robust design with tough case
- Highly mobile with large-diameter rubber wheels
- Easy to transport with collapsible steel handle
- 20' power and ground cables, standard
- 1, 2 and 3-brush adaptors available.
- Highly adjustable – both amp and volt settings can be adjusted for optimal cleaning & polishing

Technical data

Power supply	110V AC, 50/60Hz, 15A
Weld-cleaning: Amp range	10-100A, 10A increments
Weld-cleaning: Voltage range	10-16 V AC
Polishing: Amp range	10-100A, 10A increments
Polishing: Voltage range	10-12 V DC
Marking: Amp range	2-10A, 2A increments
Marking: Voltage range	12 V AC
Duty cycle	100%
Detachable handle	Yes
Power Supply Chord Length	12'
Output cable length	20'
Output cable Size	35mm ²
Brush holder options	1, 2
Fluid feed compatible	No
Size (machine only)	15Wx13Lx25H (machine only) 15Wx13Lx46H (with Handle attached)
Enclosure protection	IP53
Certification	CE, UL, CSA, RCM

▶Video



Image for illustrative purposes only. See set contents table for various set options.

Set buying information

Description	Weight	Part nr.
Fury100 Weld-cleaner - Basic Set	110 lb	WELC1104
Fury100 Weld-cleaner - Starter Set A	114 lb	WELC1105
Fury100 Weld-cleaner - Starter Set B	120 lb	WELC1106
Fury100 Weld-cleaner - Starter Set C	122 lb	WELC1107

Set contents

Part nr.	Description	Basic Set	Starter Set A	Starter Set B	Starter Set C
n/a	Fury100 weld-cleaner (machine only)	x	x	x	x
WELC2064	Transport case - Large	x	x	x	x
WELC5006	Foam insert for large transport case (WELC2064)	x	x	x	x
WELC2577	Lead with handle 20', 200A (dinse)	x	x	x	x
WELC2578	Lead with ground clamp 20', 200A (dinse)	x	x	x	x
WELC2574	Drip Tray	x	x	x	x
WELC 3177	CGT-550 Weld Cleaning & Polishing Fluid - One Gallon		x	x	x
WELC3186	CGT-N5 HyPerformance Neutralising Fluid - One Gallon		x	x	x
WELC2470	Wand/twist shroud set (for 1x M8 brush)		x	x	x
WELC2448	Wand/twist shroud set (for 2x M8 brush)		x	x	x
WELC3149	Furybrush (M8, 80A) - 10 pack		x	x	x
WELC2150	Cougartron USB storage device		x	x	x
WELC2201	Spray bottle with sprayer 0.5L (empty)		x	x	x
WELC2005	Acid pot 500ml with lid		x	x	x
WELC2630	Microfibre cloth - 70x70cm (orange)		x	x	x
WELC2867	Cougartron acid resistant gloves - 1 pair		x	x	x
WELC2868	Cougartron safety glasses			x	x
WELC4045	Marking set for weld-cleaning machine (Standard)			x	
	Stencil voucher - max size 4"x6"			x	x
WELC5956	Marking set for weld-cleaning machine with Printer (Advanced)				x

Extra equipment

Part nr.	Description	Catalog page
WELC1059	FL10 fluid feed system*	37
WELC2570	Mobile equipment stand**	42
WELC2826	Mobile workstation	43

Fury200

- ✓ **Weld-cleaning**
- ✓ **Polishing**
- ✓ **Marking**

With 200A of cleaning power, the Fury200 is the king of the Cougartron weld-cleaning range. Designed for the toughest and most demanding industrial applications, the Fury200 is unbeatable in raw power and performance. Clean heavy gauge TIG and MIG weld seams with ease with this high-performance machine.

Key features

- Fast and effective cleaning power for all kinds of TIG and MIG weld seams
- Robust design with tough case
- Highly mobile with large-diameter rubber wheels
- Easy to transport with collapsible steel handle
- 20' power and ground cables, standard
- 1, 2, 3 and 4-brush adaptors available.
- Highly adjustable – both amp and volt settings can be adjusted for optimal cleaning & polishing



Technical data

Power supply	240V AC, 50/60Hz, 16A
Weld-cleaning: Amp range	20-200A, 20A increments
Weld-cleaning: Voltage range	10-16 V AC
Polishing: Amp range	20-200A, 20A increments
Polishing: Voltage range	10-12 V DC
Marking: Amp range	2-10A, 2A increments
Marking: Voltage range	12 V AC
Duty cycle	100%
Detachable handle	Yes
Power Supply Chord Length	12'
Output cable length	20'
Output cable Size	35mm ²
Brush holder options	1, 2, 3, 4
Fluid feed compatible	No
Size (machine only)	15Wx13Lx25H (machine only) 15Wx13Lx46H (with Handle attached)
Enclosure protection	IP53
Certification	CE, UL, CSA, RCM

▶Video



Image for illustrative purposes only. See set contents table for various set options.

Set buying information

Description	Weight	Part nr.
Fury200 Weld-cleaner - Basic Set	132 lb	WELC1114
Fury200 Weld-cleaner - Starter Set A	134 lb	WELC1115
Fury200 Weld-cleaner - Starter Set B	142 lb	WELC1116
Fury200 Weld-cleaner - Starter Set C	147 lb	WELC1117

Set contents

Part nr.	Description	Basic Set	Starter Set A	Starter Set B	Starter Set C
n/a	Fury200 weld-cleaner (machine only)	x	x	x	x
WELC2064	Transport case - Large	x	x	x	x
WELC5006	Foam insert for large transport case (WELC2064)	x	x	x	x
WELC2577	Lead with handle 20', 200A (dinse)	x	x	x	x
WELC2578	Lead with ground clamp 20', 200A (dinse)	x	x	x	x
WELC2574	Drip Tray		x	x	x
WELC 3177	CGT-550 Weld Cleaning & Polishing Fluid - One Gallon		x	x	x
WELC3186	CGT-N5 HyPerformance Neutralising Fluid - One Gallon		x	x	x
WELC2470	Wand/twist shroud set (for 1x M8 brush)		x	x	x
WELC2448	Wand/twist shroud set (for 2x M8 brush)		x	x	x
WELC2313	Wand/twist shroud set (for 3x M8 brush)		x	x	x
WELC3149	Furybrush (M8, 80A) - 10 pack		x	x	x
WELC2150	Cougartron USB storage device		x	x	x
WELC2201	Spray bottle with sprayer 0.5L (empty)		x	x	x
WELC2005	Acid pot 500ml with lid		x	x	x
WELC2630	Microfibre cloth - 70x70cm (orange)		x	x	x
WELC2867	Cougartron acid resistant gloves - 1 pair		x	x	x
WELC2868	Cougartron safety glasses			x	x
WELC4045	Marking set for weld-cleaning machine (Standard)			x	
	Stencil voucher - max size 4"x6"			x	x
WELC5956	Marking set for weld-cleaning machine with Printer (Advanced)				x

Extra equipment

Part nr.	Description	Catalog page
WELC1059	FL10 fluid feed system*	37
WELC2570	Mobile equipment stand**	42
WELC2826	Mobile workstation	43

Fury200XF

- ✓ **Weld-cleaning**
- ✓ **Polishing**
- ✓ **Marking**

The Fury200XF reigns supreme in Cougartron's weld-cleaning lineup, with 200 amps of cleaning power and an automated fluid pumping system. Crafted to conquer the most challenging industrial tasks, the Fury200XF stands unrivaled in terms of sheer power and performance. Effortlessly achieve immaculate results on robust TIG and MIG weld seams using this powerhouse of a machine.



Key features

- Fully integrated fluid feed
- Fast and effective cleaning power for all kinds of TIG and MIG weld seams
- Robust design with tough case
- Highly mobile with large-diameter rubber wheels
- Easy to transport with collapsible steel handle
- 20' power and ground cables, standard
- Highly adjustable – both amp and volt settings can be adjusted for optimal cleaning & polishing
- Fluid supply system saves time and keeps brushes cool for incredible cleaning performance

Technical data

Power supply	240V AC, 50/60Hz, 16A
Weld-cleaning: Amp range	20-200A, 20A increments
Weld-cleaning: Voltage range	10-16 V AC
Polishing: Amp range	20-200A, 20A increments
Polishing: Voltage range	10-12 V DC
Marking: Amp range	2-10A, 2A increments
Marking: Voltage range	12 V AC
Duty cycle	100%
Detachable handle	Yes
Power Supply Chord Length	12'
Output cable length	20'
Output cable Size	35mm ²
Brush holder options	1, 2, 3
Fluid feed compatible	Yes
Size (machine only)	15Wx13Lx25H (machine only) 15Wx13Lx46H (with Handle attached)
Enclosure protection	IP53
Certification	CE, UL, CSA, RCM

►Video



Image for illustrative purposes only. See set contents table for various set options.

Set buying information

Description	Weight	Part nr.
Fury200XF Weld-cleaner - Basic Set	132 lb	WELC1124
Fury200XF Weld-cleaner - Starter Set A	134 lb	WELC1125
Fury200XF Weld-cleaner - Starter Set B	142 lb	WELC1126
Fury200XF Weld-cleaner - Starter Set C	147 lb	WELC1127

Set contents

Part nr.	Description	Basic Set	Starter Set A	Starter Set B	Starter Set C
n/a	Fury200XF weld-cleaner (machine only)	x	x	x	x
WELC2064	Transport case - Large	x	x	x	x
WELC5006	Foam insert for large transport case (WELC2064)	x	x	x	x
WELC2577	Lead with handle 20, 200A (dinse)	x	x	x	x
WELC2578	Lead with ground clamp 20', 200A (dinse)	x	x	x	x
WELC2574	Drip Tray		x	x	x
WELC 3177	CGT-550 Weld Cleaning & Polishing Fluid - One Gallon		x	x	x
WELC3186	CGT-N5 HyPerformance Neutralising Fluid - One Gallon		x	x	x
WELC2891	Wand/twist shroud set for fluid feed (1x M8 brush)		x	x	x
WELC2892	Wand/twist shroud set for fluid feed (2x M8 brush)		x	x	x
WEL2834	Wand/twist shroud set for fluid feed (3x M8 brush)		x	x	x
WELC3149	Furybrush (M8, 80A) - 10 pack		x	x	x
WELC2150	Cougartron USB storage device		x	x	x
WELC2201	Spray bottle with sprayer 0.5L (empty)		x	x	x
WELC2005	Acid pot 500ml with lid		x	x	x
WELC2630	Microfibre cloth - 70x70cm (orange)		x	x	x
WELC2867	Cougartron acid resistant gloves - 1 pair		x	x	x
WELC2868	Cougartron safety glasses			x	x
WELC4045	Marking set for weld-cleaning machine (Standard)			x	
	Stencil voucher - max size 4"x6"			x	x
WELC5956	Marking set for weld-cleaning machine (Advanced) with Marking set for weld-cleaning machine with Printer (Advanced)				x

Extra equipment

Part nr.	Description	Catalog page
WELC2570	Mobile equipment stand**	42
WELC2826	Mobile workstation	43



FL10 / FL20

FL10 fluid feed system

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FL20 fluid feed system

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FL10 Fluid Feed system

This smart and compact fluid feed system is not only compatible with all weld-cleaners in the Cougartron range, but also works with other brands of weld-cleaner*. This solution transforms your weld-cleaner to a system with fully-automatic fluid-feed functionality. The fluid pump starts automatically when you touch your cleaning brush to the workpiece. The feed rate is continuously optimised throughout the cleaning process using a smart current monitoring system.



Key features

- Fluid pumped to the brush tip via tubing integrated in the work cable
- Fully automatic start/stop of fluid flow
- Real-time fluid volume monitoring with several modes
- Priming & purging function
- Easy maintenance and replacement of key components
- Dual input voltage – use the FL10 on 110V or 230V power supplies

We highly recommend using the FL10 together with the following products:

- Mobile equipment stand (see p. 42)
- Mobile workstation (see p. 43)

Technical data

Power supply	110V AC, 50/60Hz, 1A
Amp range detection	1-80A
Voltage range detection	1-30 V AC/DC
Priming function	Yes
Manual pumping	Yes
Auto pumping	Yes (3 modes)
Power Supply Chord Length	6'
Output cable length	12'
Output cable Size	10mm ²
Brush holder options	1
Size (machine only)	7"x6"x3"
Weight (machine only)	2 lb
Compatibility	All machines, All brands, please specify

Set buying information

Description	Weight	Part nr.
FL10 Fluid Feed system - Starter Set A	12 lb	WELC1059
FL10 Fluid Feed system - Starter Set B	42 lb	WELC1069
FL10 Fluid Feed system - Starter Set C	62 lb	WELC1076

Set contents

Part nr.	Description	Starter Set A	Starter Set B	Starter Set C
n/a	FL10 fluid feed system - Pump unit only	x	x	x
WELC2212	Power Supply Chord	x	x	x
WELC2063	Transport case - Medium	x	x	x
WELC5025	Foam insert	x	x	x
WELC2709	CGT 10mm ² Fluidhose Assembly x 4M w/ handle	x	x	x
WELC2397	Cougartron Fluid Feed Wand with Twist Shroud	x	x	x
WELC2699	CGT AC Current Clamp 200amp	x	x	x
WELC2714	CGT FL10 Infeed fluid hose assembly	x	x	x
WELC2149	Cougartron microfibre cloth - 40x40cm (black)	x	x	x
WELC2570	Mobile equipment stand		x	
WELC2743	Mobile workstation			x

Additional spares

Part nr.	Description
WELC2628	Replacement pump (2mm ID tube)
WELC2460	Twist shroud (for WELC2397 wand)
WELC2906	Cleaning fluid bottle w. drilled cap - 1L
WELC2905	Cleaning fluid bottle w. drilled cap - 5L
WELC2461	Dispenser for Fluid Feed Wand (M6 brush)

►Video



Image for illustrative purposes only. See set contents table for various set options.

* Speak to a Cougartron consultant for details

FL20 Fluid Feed system

This integrated solution transforms your weld-cleaner to a system with fully-automatic fluid-feed functionality. The fluid pump starts automatically when you touch your cleaning brush to the workpiece. The feed rate is continuously optimised throughout the cleaning process using a smart current monitoring system.

Key features

- Connects to Power30, Power30X and ProPlus models for a highly integrated solution
- Fluid pumped to the brush tip via tubing integrated in the work cable
- Fully automatic start/stop of fluid flow
- Real-time fluid volume monitoring with several modes
- Priming & purging function
- Easy maintenance and replacement of key components



Set buying information

Description	Weight	Part nr.
FL20 Fluid feed system - Starter Set A	18 lb	WELC1060
FL20 Fluid Feed system - Starter Set B	66 lb	WELC1068

Set contents

Part nr.	Description	Starter Set A	Starter Set B
n/a	FL20 Fluid Feed system - Pump unit only	x	x
WELC2212	Power Supply Chord	x	x
WELC2709	Lead w/ handle 4M, fluid feed, 50A (x-con.)	x	x
WELC2397	Wand/shroud fluid feed (for 1x M6 brush)	x	x
WELC2149	Cougartron microfibre cloth - 40x40cm (black)	x	x
WELC2743	Mobile workstation		x

Additional spares

Part nr.	Description
WELC2628	Replacement pump (2mm ID tube)
WELC3233	FL20 replacement tube kit
WELC2460	Twist shroud (for WELC2397 wand)
WELC5037	Cleaning fluid bottle w. drilled cap - 1L

▶Video



Technical data

Power supply	110V AC, 50/60Hz, 1A
Amp range detection	1-80A
Voltage range detection	1-30 V AC/DC
Priming function	Yes
Manual pumping	Yes
Auto pumping	Yes (3 modes)
Power Supply Chord Length	6'
Output cable length	12'
Output cable Size	10mm ²
Brush holder options	1
Size (machine only)	15Hx9Wx9L
Weight (machine only)	12 lb
Compatibility	Power, ProPlus models

Image for illustrative purposes only. Weld-cleaning machine not included. See set contents table for various set options.



Accessories for weld-cleaning machines

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Mobile equipment stand

The mobile equipment stand is a must-have for frequent users of Cougartron weld-cleaners. Best suited to workshop-based weld-cleaning, this smart stand features machine mounts for Power30, Power30X, ProPlus and also some discontinued machine models*. It also includes mounts for fluids & the FL10 fluid feed system.



Key features

- All-in-one mobile solution for your weld cleaner
- Single power supply with extra power socket
- Robust modular construction
- Compatible with FL10 automatic fluid feed unit
- Large grab handle to the rear – easy to move and ‘steer’ the stand

Buying information

Part nr.	Description
WELC2570	Mobile Equipment Stand

Spares

Part nr.	Description
WELC3228	MES machine holder bracket set
WELC2800	MES wheel w/ brake (1 piece)
WELC2799	MES wheel w/o brake (1 piece)
WELC2808	MES acid pot holder
WELC2776	MES wand holder
WELC2807	MES neutraliser holder
WELC2809	MES fluid feed unit holder
WELC2810	MES cable hook

Technical data

Dimensions	32"x14"x18"
Weight	31 lb

Image for illustrative purposes only. Machine and consumables are not included.
*InoxPower & InoxMuscle

▶Video



Mobile workstation

An excellent solution for users who frequently clean small welded items. This workstation has a robust, acid resistant PPE construction. The work surface is constructed from perforated stainless steel, therefore acting as an earth for the cleaning process. Fluid from the cleaning process is collected in the stainless steel sub-tray and led down to a waste fluid container on the lower shelf. A paper roll holder is integrated into the endplate for easy dispensing.



Key features

- Robust, acid resistant PPE construction
- Stainless steel perforated work surface and stainless steel fluid collection tray
- Waste fluid flows down a tube and is collected in a container in the base of the workstation
- Spacious lower shelf for machine, fluid collection, consumables and optional FL10 automatic fluid feed system

Buying information

Part nr.	Description
WELC2889	Cougartron weld cleaning workstation

Refills & Spares

Part nr.	Description
WELC2745	Workstation top panel
WELC2744	Drain tray with outlet
WELC2776	Wand holder –black plastic
WELC2827	PU hose 7mm
WELC5017	Fluid waste container with black lid

Technical data

Length	38"
Height	34"
Weight	48 lb

▶Video



Image for illustrative purposes only. Machine and consumables are not included.

Weld Cleaner Power Cables

Visit the machine page in this catalog, to see the standard spares and consumables compatible with your machine.



WELC2047



WELC2577

Weld cleaner work leads

Part nr.	Description
WELC2047	Lead with handle 12', 50A (x-connector)
WELC2577	Lead with handle 20', 200A (dinse)
WELC2709	Lead w/ handle 12', fluid feed, 50A (x-con.)



WELC2118



WELC2578

Weld cleaner ground cables

Part nr.	Description
WELC2118	Cable with ground clamp 12' 50A (x-connector)
WELC2578	Cable with ground clamp 20' 200A (dinse)



WELC2122



WELC2579



WELC2580



WELC2120

Weld cleaner extension cables

Part nr.	Description
WELC2122	Extension lead, orange 12', 50A (x-connector)
WELC2120	Extension lead, black 12', 50A (x-connector)
WELC2579	Extension lead, orange 20', 200A (dinse)
WELC2580	Extension lead, black 20', 200A (dinse)

Power supply chords

Part nr.	Description
WELC2212	IEC power lead 6ft 110V (USA)



Transport cases

Visit the machine page in this catalog, to see the standard spares compatible with your machine.



WELC2211

WELC2064



WELC2404

Transport cases

Part nr.	Description	External dimensions
WELC2211	Transport case - Small	33 x 12,5 x 28 cm
WELC2063	Transport case - Medium	44 x 17 x 39,5 cm
WELC2064	Transport case - Large	53 x 21,5 x 42 cm
WELC2404	Transport bag	40 x 20 x 26,5 cm

General accessories



WELC2149



WELC2630



WELC2005



WELC2201



WELC2092



WELC3021

Weld cleaner extension leads

Part nr.	Description
WELC2149	Microfibre cloth - 40x40cm (orange)
WELC2630	Microfibre cloth - 70x70cm (orange)
WELC2005	Acid pot 500ml with lid
WELC2201	Spray bottle with sprayer 0.5L (empty)
WELC2092	Sprayer for spray bottle - orange
WELC3021	Copper grease 20g



Brushes, fluids & wipes

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Weld-cleaning & polishing fluids	55
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Wipe 'N' Weld	57

Weld-cleaning brushes

Our high quality, long-life brushes can be used for a wide range of weld-cleaning and polishing applications.



WELC3101



WELC3105



WELC3146



WELC3091



WELC3149

Long-life brushes

Cougartron brushes have an average lifetime of 5-8 hours, meaning each brush can clean up to 1000 linear meters of weld seam.

Part nr.	Description
WELC3101	Powerbrush (M6, 30A) - 10 pack
WELC3105	Powerbrush (M6, 30A, SS Crimp) 10-pack
WELC3146	Superbrush (M6, 50A) - 10 pack
WELC3091	ThunderBrush (M6, 100A) - 1 pack
WELC3149	Furybrush (M8, 80A) - 10 pack
WELC3213	Furybrush (M8, 80A, SS Crimp) - 10 pack



WELC3131



WELC3121



WELC3032



WELC3033



WELC3037



WELC3041

Pipebrushes

These innovative brushes are a great solution for internal weld seam cleaning on pipes, flanges and many other advanced applications.

Part nr.	Description
WELC3152	Pipebrush - 1/4" 2" 4"
WELC3131	Pipebrush - 5/16" 2" 4"
WELC3153	Pipebrush - 3/8" 2" 4"
WELC3154	Pipebrush - 1/2" 2" 4"
WELC3121	Pipebrush - 5/8" 1" 2"
WELC3032	Pipebrush - 3/4" 3.5"
WELC3033	Pipebrush - 1" 3.5"
WELC3037	Pipebrush - 1.5" 3.5"
WELC3041	Pipebrush - 2" 3.5"

Brush accessories

Using the correct brush holder accessories for the application can increase process efficiency and user experience.



WELC2226



WELC2235



WELC2227

Brush accessories for M6 brushes

These accessories can be used with Power30, Power30X and ProPlus models. We recommend minimum 50A (ProPlus) for 2 and 4-brush configurations.

Part nr.	Description
WELC2226	Wand/twist shroud set (for 1x M6 brush)
WELC2235	Wand only (for 1x M6 brush)
WELC2227	Twist shroud (for WELC2235 wand)



WELC2470



WELC2545



WELC2448



(brushes not included)
WELC2313



WELC2327



WELC2457



WELC2547



Brush accessories for M8 brushes

These accessories can be used with the Fury100 and Fury200 machines.

Please note: We recommend the 3-brush configuration for use on flat surfaces only, rather than internal corners, due to its wide profile. 1,2 and 4-brush configurations are flat, and much better suited to internal corner weld seam applications.

Part nr.	Description
WELC2470	Wand/twist shroud set (for 1x M8 brush)
WELC2545	Twist shroud (for WELC2547 wand)
WELC2448	Wand/twist shroud set (for 2x M8 brush)
WELC2313	Wand/twist shroud set (for 3x M8 brush)
WELC2327	Twist shroud (for WELC2326 wand)
WELC2547	Wand only (M8 universal) Included in the following wand sets: WELC2188, WELC2214, WELC2470
WELC2572	Twist shroud only (universal for 2x brush) Included in the following wand sets: WELC2188, WELC2448
WELC2573	Twist shroud only (universal for 4x brush) Included in the following wand sets: WELC2214, WELC2457

Brush accessories (cont.)



Other brush accessories

Our angled brush adaptors and wand extensions give you the edge in tricky applications.

Part nr.	Description
WELC2175	45 degree brush adaptor
WELC2014	90 degree brush adaptor
WELC2199	135 degree brush adaptor
WELC2050	Single short brush shroud - fixed
WELC2038	Single long brush shroud - fixed
WELC2090	ThunderBrush III shroud - fixed
WELC2677	250mm wand extension
WELC2009	500mm wand extension
WELC2633	Flexible wand (1x M6 brush)
WELC2546	M8 to M6 adaptor

Weld-cleaning & polishing fluids

Cougartron's weld-cleaning & polishing fluids are the product of years of innovation and optimisation. The cleaning fluid is a key part of the weld-cleaning process, designed to give you great results, every time.



WELC3081 WELC3048

CGT-550 weld-cleaning and polishing fluid

Our most popular weld-cleaning fluid, CGT-550 gives you unmatched cleaning & electropolishing performance, while remaining a far safer and much less hazardous alternative to pickling paste. CGT-550 has certified passivation results, and NSF approval for use in the food and beverage industry.

Part nr.	Description
WELC3081	CGT-550 Weld Cleaning & Polishing Fluid - 1L
WELC3177	CGT-550 Weld Cleaning & Polishing Fluid - One Gallon
WELC3170	CGT-550 Weld Cleaning & Polishing Fluid - 55 Gallon



WELC3083 WELC3050

CGT-350 weld-cleaning and polishing fluid

This fluid uses a lower concentration of phosphoric acid, and therefore classifies as a less-hazardous category.

Part nr.	Description
WELC3083	CGT-350 Weld Cleaning Fluid - 1L
WELC3050	CGT-350 Weld Cleaning Fluid - 5L

Neutralising fluids

Neutralising is a key part of the weld-cleaning and polishing process. By using Cougartron's neutralising products, you can complete the process without the larger quantities of waste fluid that result from



WELC3165

WELC3158

CGT-N5 HyPerformance neutralising fluid

Quickly and effectively removes Cougartron cleaning fluid deposits, completing the weld-cleaning or polishing process.

Part nr.	Description
WELC3165	CGT-N5 HyPerformance Neutralising Fluid - 500ml
WELC3186	CGT-N5 HyPerformance Neutralising Fluid - One gallon
WELC3188	CGT-N5 HyPerformance Neutralising Fluid - 55 Gallon

Wipe 'N' Weld

These industrial wipes contain a unique formula and are excellent for degreasing of metal surfaces prior to welding, electrochemical marking and many other applications.



CW0001

CW0002

Part nr.	Description
CW0001	WIPE'N'WELD - Pre weld Wipe - 1 tub
CW0002	WIPE'N'WELD - Pre weld Wipe - 1 box (6 tubs)

Personal safety

Quality personal safety equipment to ensure you comply with safety regulations when operating Cougartron equipment.

Part nr.	Description
WELC2867	Cougartron acid resistant gloves - 1 pair
WELC2868	Cougartron safety glasses



MK12 / MK612

MK12 marking machine

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MK612 marking machine

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MK12

Cougartron marking machines are the perfect solution for applications where marking only* is needed. Electrochemical marking is extremely easy, flexible and durable, and is therefore used in a wide variety of industries and applications. The result is very hygienic, meaning it is popular in the food & pharmaceutical industries.

Key features



- Simple, easy-to-use control panel
- Robust & industrial construction
- Marking fluids available for a wide range of metal surface types
- Choose between white felt (a more economic option) or black felt (for a faster process and deeper colour)
- Choose between a custom stencil (produced by Cougartron in your design) or one of our smart stencil-printers (make your own stencils)
- Supplied in a compact carry case

Technical data

Power supply	110 V AC, 50/60Hz, 1A
Output Amps	<10A
Output voltage	12 V AC
DC adaptor compatible	Yes
Power Supply Chord Length	6'
Output Cable length	5'
Marking head	40mm

►Video



Image for illustrative purposes only. Weld-cleaning machine not included. See set contents table for various set options

*Please note: For applications where marking and weld-cleaning/polishing is required, we recommend one of our weld-cleaner products instead.

Set buying information

Description	Weight	Part nr.
MK12 marking machine - Basic Set	6 lb	WELC4229
MK12 marking machine - Starter Set A	6 lb	WELC4951
MK12 marking machine - Starter Set B	18 lb	WELC4953
MK12 marking machine - Starter Set C	18 lb	WELC4955

Set contents

Part nr.	Description	Basic Set	Starter Set A	Starter Set B	Starter Set C
n/a	Cougartron MK12 machine	X	X	X	X
n/a	Carry Case	X	X	X	X
WELC4031	MK marking cable set (2pcs generic cable)	X	X	X	X
WELC4028	MK marking handle for handstamp	X	X	X	X
WELC4029	Marking block without adaptor	X	X	X	X
WELC4002	O-ring for std marking block (5 pc)	X	X	X	X
WELC4030	MK marking clamp	X	X	X	X
n/a	White felt 75x40x3mm (4 pcs)	X	X	X	X
n/a	Yellow fabric 75x40mm (4 pcs)	X	X	X	X
WELC3115	CGT-S1 Marking Fluid - 500ml	X	X	X	X
WELC3165	CGT-N5 HyPerformance Neutralising Fluid - 500ml	X	X	X	X
n/a	Container for marking fluids	X	X	X	X
STEN1029	Custom stencil voucher - max size 4"x6"		X	X	X
WELC4946	Stencil Printer - Brother PT-D610BTV-18-24mm tape			X	
WELC4015	Stencil tape, 1" x 9'			X	
WELC4020	TSC TC-210 - 4"				X
WELC4021	4" x 330' Marking Roll				X
WELC4079	DC adaptor for light etching				X

Additional spares

Part nr.	Description
WELC3115	CGT-S1 Marking Fluid - 500ml*
WELC3165	CGT-N5 HyPerformance Neutralising Fluid - 500ml
CW0001	WIPE'N'WELD - Pre weld Wipe - 1 tub**
WELC4033	White felt 75x40x3mm (10 pcs)
WELC4025	Carbon felt 75x40x4,6mm (10 pcs)
WELC4026	Yellow fabric 75x40mm (10 pcs)
WELC4079	Dc Adaptor

*See our full range of marking fluids for marking other metal types

** Suitable for degreasing surfaces prior to marking

MK612

Cougartron marking machines are the perfect solution for applications where marking only* is needed. Electrochemical marking is extremely easy, flexible and durable, and is therefore used in a wide variety of industries and applications. The result is very hygienic, meaning it is popular in the food & pharmaceutical industries.

Key features



- Variable voltage for enhanced control – especially useful for stencils with large areas of solid colour (>10mm wide)
- Robust & industrial construction
- Marking fluids available for a wide range of metal surface types
- Choose between white felt (a more economic option) or black felt (for a faster process and improved colour consistency)
- Choose between a custom stencil (produced by Cougartron in your design) or one of our smart stencil-printers (make your own stencils)
- Supplied in a compact carry case

Technical data

Power supply	110 V AC, 50/60Hz, 1A
Output Amps	<15A
Output voltage	6-12 V AC
DC adaptor compatible	Yes
Power Supply Chord Length	6'
Output Cable length	5'
Marking head	40mm

►Video



Image for illustrative purposes only. Weld-cleaning machine not included. See set contents table for various set options

*Please note: For applications where marking and weld-cleaning/polishing is required, we recommend one of our weld-cleaner products instead.

Set buying information

Description	Weight	Part nr.
MK612 marking machine - Basic Set	6 lb	WELC4930
MK612 marking machine - Starter Set A	6 lb	WELC4961
MK612 marking machine - Starter Set B	14 lb	WELC4963
MK612 marking machine - Starter Set C	18 lb	WELC4965

Set contents

Part nr.	Description	Basic Set	Starter Set A	Starter Set B	Starter Set C
n/a	Cougartron MK612 machine	x	x	x	x
n/a	Carry Case	x	x	x	x
WELC4031	MK marking cable set (2pcs generic cable)	x	x	x	x
WELC4028	MK marking handle for handstamp	x	x	x	x
WELC4029	Marking block without adaptor	x	x	x	x
n/a	O-ring for std marking block (1 pc)	x	x	x	x
WELC4030	MK marking clamp	x	x	x	x
n/a	White felt 75x40x3mm (4 pcs)	x	x	x	x
n/a	Yellow fabric 75x40mm (4 pcs)	x	x	x	x
WELC3115	CGT-S1 Marking Fluid - 500ml	x	x	x	x
WELC3165	CGT-N5 HyPerformance Neutralising Fluid - 500ml	x	x	x	x
n/a	Container for marking fluids	x	x	x	x
STEN1029	Custom stencil voucher - max size 4"x6"		x	x	x
WELC4946	Stencil Printer - Brother PT-D610BT-18-24mm tape			x	
WELC4015	Stencil tape, 1" x 9'			x	
WELC4020	Stencil Printer - TSC TC-210 - 4"				x
WELC4021	4" x 330' Marking Roll				x
WELC4079	DC adaptor for light etching				x

Additional spares

Part nr.	Description
WELC3115	CGT-S1 Marking Fluid - 500ml*
WELC3165	CGT-N5 HyPerformance Neutralising Fluid - 500ml
CW 0001	WIPE'N'WELD - Pre weld Wipe - 1 tub**
WELC4033	White felt 75x40x3mm (10 pcs)
WELC4025	Carbon felt 75x40x4,6mm (10 pcs)
WELC4026	Yellow fabric 75x40mm (10 pcs)
WELC4002	O-ring for std marking block (pack5)
WELC4079	DC Adaptor

*See our full range of marking fluids for marking other metal types

** Suitable for degreasing surfaces prior to marking



Marking sets, fluids & stencils

Marking sets for weld-cleaners	66
Marking fluids	67
Custom stencils	68
Printers & stencil tapes: 18-24mm	69
Printers & stencil tapes: 18-36mm	70
Printers & stencil tapes: 106mm	71

Marking sets

Cougartron marking sets allow you to perform marking with compatible weld-cleaning machines. Choose from our Standard or Advanced sets, or construct your own set e.g. with a larger printer or multiple custom-made stencils.



WELC4045**

Set buying information

Description	Weight	230V
Marking set for weld-cleaning machine (Standard)	7 lb	WELC4045
Marking set for weld-cleaning machine (Advanced)	12 lb	WELC4956

Set contents

Part nr.	Description	Standard Set		Advanced Set	
		Standard Set	Advanced Set	Standard Set	Advanced Set
WELC3115	CGT-S1 Marking Fluid - 500ml	X	X		
WELC3165	CGT-N5 HyPerformance Neutralising Fluid - 500ml	X	X		
WELC4040	Marking block with adaptor	X	X		
WELC4033	White felt 75x40x3mm (10 pcs)	X	X		
WELC4026	Yellow fabric 75x40mm (10 pcs)	X	X		
WELC4013	Masking tape for marking - 24mm x 50m	X	X		
WELC4002	O-ring for std marking block (pack5)	X	X		
WELC2211	Transport case - Small	X	X		
WELC5012	Foam insert for small transport case (WELC2211)	X			
WELC2063	Transport case - Medium			X	
WELC5013	Foam insert for medium transport case (WELC2063)			X	
STEN1029	Custom stencil voucher - max size 4"x6"			X	
WELC4020	Stencil Printer - TSC TC-210 - 4"			X	
n/a	Stencil tape, 1" x 9' (2pcs)*			X	

*Re-order code for 1pc: WELC4015

**Example image only. See set contents in table below.

Marking fluids

Cougartron marking fluids are available in a wide range of formulas, each suited to a particular metal type. These quality fluids ensure that your marking results are consistent and durable.



WELC3115



WELC3116



WELC3117



WELC3118



WELC3133



WELC3150

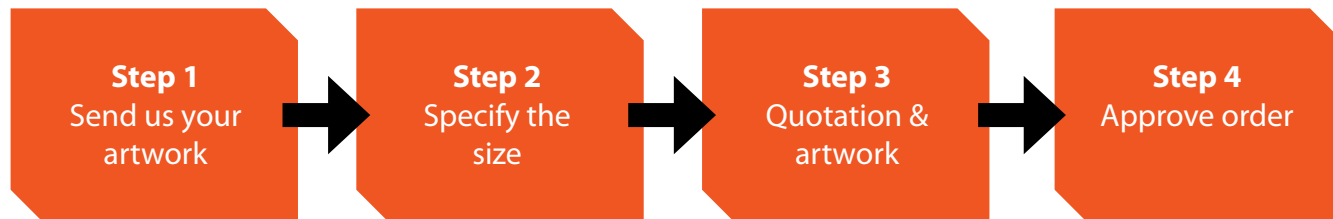


WELC3159

Part nr.	Description
WELC3115	CGT-S1 Marking Fluid - 500ml
WELC3116	CGT-AL Marking Fluid - 500ml
WELC3117	CGT-MS Marking Fluid - 500ml
WELC3118	CGT-BR Marking Fluid - 500ml
WELC3133	CGT-TI Marking Fluid - 500ml
WELC3150	CGT-NC Marking Fluid - 500ml
WELC3159	CGT-SA Marking & etching Fluid - 500ml

Custom stencils

Our stencil design & production service means that you can achieve smart, high-resolution marking results every time.



Step 1
Send us your artwork

If it's a logo or graphic, then we need this in high resolution (print quality). If its text, then you can just write to us what text you need, and which font we should use

Step 2
Specify the size

Tell us what the maximum width or height of the overall marked 'logo' should be. Note that the stencil will be priced on the overall stencil size, which includes at least 5mm of 'padding' and a 10mm border

Step 3
Quotation & artwork

We send you a quotation and artwork for approval

Step 4
Approve order

You approve the order and receive your custom stencil within 1-2 weeks

Printers and stencil tapes 1" x 9'

Quality printers from Brother are combined with Cougartron's own stencil tapes to bring to you the flexibility of being able to make the stencil you want, when you want it. These smart printers are most suited to text but can also be connected to your computer to print logos and icons.



WELC4946



WELC4284



WELC4014



WELC4015

Part nr.	Description
WELC4946	Stencil Printer - Brother PT-D610BTV- 3/4"-1" tape
WELC4284	Stencil Printer - Brother PT-E550WVP- 3/4"-1" tape
WELC4014	Stencil tape, 3/4"x9'
WELC4015	Stencil tape, 1"x9'

Technical data

	WELC4946	WELC4284
Weight	2 lb	2.5 lb
Dimensions	8"x8"x4"	5"x10"x4"
Print speed	30mm/sec	30mm/sec
Function	Stencil/label printing	Stencil/label printing
Brand & Model:	Brother PT-D610BTV	Brother PT-E550WVP
Width of printed stencils	3/4", 1"	3/4"-1.5"
Carry case	Yes	Yes
Handheld/Portable	Yes	Yes
Display size	20 characters x 2 lines	
Backlit	Yes	Yes
Cutter	Automatic	Full and half, Auto
Keys	65	
Battery	AA X 6pcs (LR6, Ni-MH)	AA X 6pcs (LR03, HR03)
PC-connectivity	Yes	Yes
USB-connectivity	Yes	Yes
Bluetooth-connectivity	Yes	No
Connectivity to smart devices	Yes	No
Available fonts	17	14
Available symbols	900	384

Printers and stencil tapes 3/4"-1.5"

Print larger fonts with tape up to 36mm wide. These quality printers from Brother are combined with Cougartron's own stencil tapes to bring to you the flexibility of being able to make the stencil you want,



WELC4339



WELC4016

Part nr.	Description
WELC4339	Stencil Printer - Brother PT-D800W - 3/4"-1.5"tape
WELC4016	Stencil tape, 1.5" x 9'

Technical data

Weight	12 lb
Model Number	14"x8"x7"
Dimensions	58mm/sec
Function	Stencil/label printing
Brand & Model	Brother PT-800W
Width of printed stencils	3/4"-1.5"
Carrying case	No – Contains a practical handle for carrying
Handheld/Portable	Stationary use
Keyboard	QWERTY
Backlit	Yes
Cutter	Automatic
Battery	Optional Li-ion battery Pack (PA-BT-4000LI), Optional Battery base (PA-BB-0003)
Material	Plastic
PC-Connectivity	Yes
USB-Connectivity	Yes
Connectivity to smart devices	No
Touchscreen	No
Available fonts	14
Available symbols	465

Printers and stencil tapes 106mm

These wide-format printers give a wide variety of possibilities. Print up to 100mm wide, and as long as you want. This range of 106mm printers are used for machine type plates, logos, icons, arrows text and much more.

Our printers are supplied pre-optimised for stencil printing, and with a fully automatic cutter installed.



WELC4020

Part nr.	Description
WELC4020	TSC TC-210 with Full Cutter Installed – 4" Tape
WELC4938	Stencil Printer - Brother TD-4520DN - 106mm tape
WELC4021	106mm x 100m Marking Roll

Technical data

WELC4020	
Brand/Model	TSC TC-210
Weight	7 lb
Width of printed stencils	Up to 4"
Cutter	Automatic
PC connectivity	Yes
Ethernet connectivity	No
Print resolution	203dpi

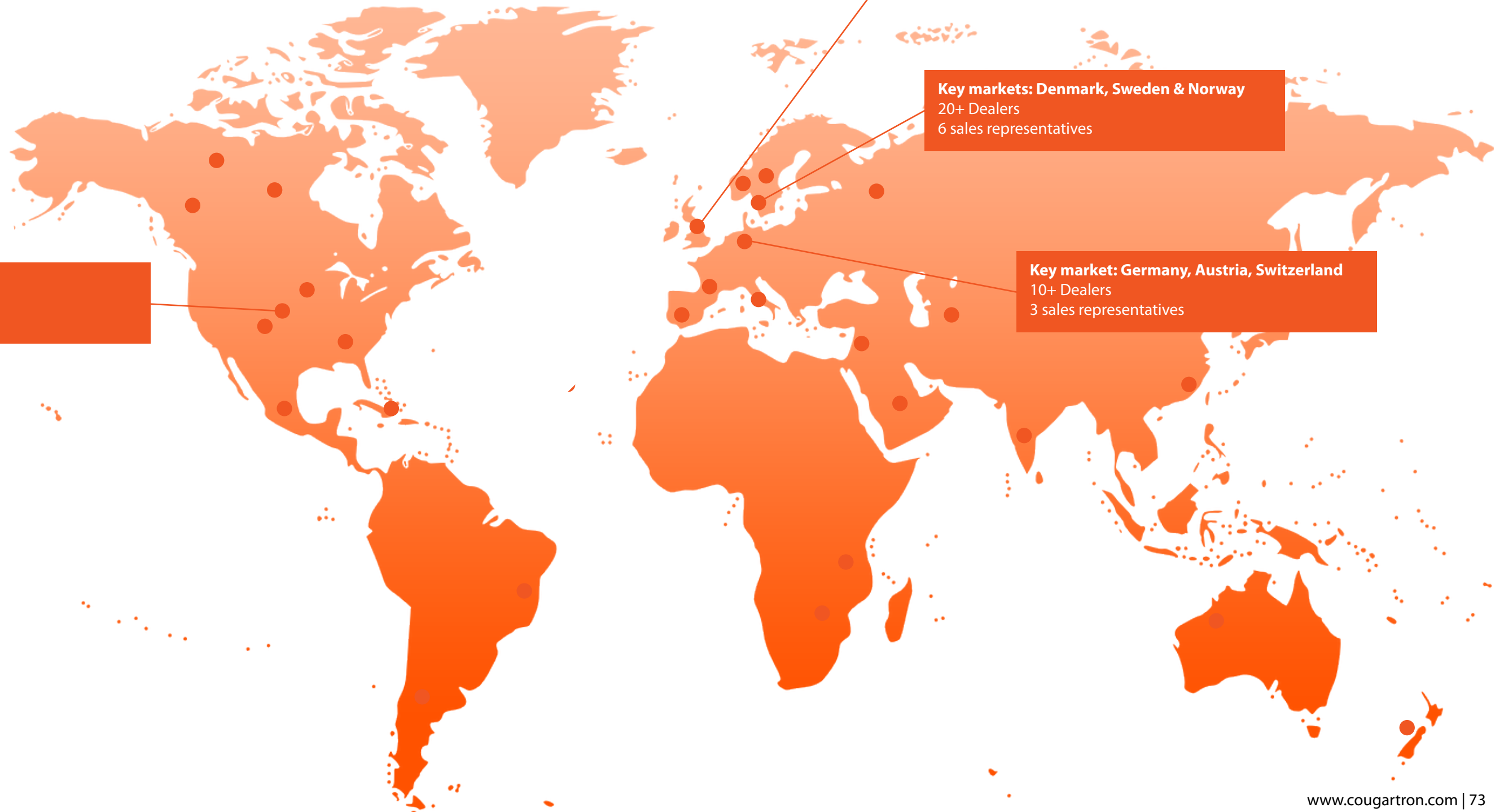
How to buy

Cougartron's ever-expanding sales network cover 120 countries. We work closely with a network of over 200 trained & approved dealers and representatives to ensure that you can get the product & support you need, when you need it.

Want to try before you buy? No problem, simply send your request on the link below, and we will coordinate with our network to get to you as soon as possible.

www.cougartron.com/book-a-machine-demo

►Book a Demo





Denmark (HQ)

Cougartron ApS

Brydehusvej 23
2750 Ballerup
Denmark
Tel. +45 4346 2010
sales.nordics@cougartron.com
www.cougartron.com

United Kingdom

Cougartron ApS

A2 Parkway West, Cranford Lane
Hounslow, Middlesex TW5 9QA
United Kingdom
Tel. 0121 368 0097
sales@cougartron.com
www.cougartron.com

USA

Cougartron Inc.

2 507 E 21st Street
Des Moines, IA 50317
United States
Tel. +1 404-591-8920
sales.us@cougartron.com
www.cougartron.com