



## The weld seam treatment & marking catalogue





# 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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# 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: 110/230V version	110-230 V AC, 50/60Hz, 4A	110-230 V AC, 50/60Hz, 4A
Power supply: 110V version	N/A	N/A
Power supply: 230V version	N/A	N/A
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
Input cable length	1.5m	1.5m
Output cable length	4m	4m
Output cable Size	10mm <sup>2</sup>	10mm <sup>2</sup>
Brush holder options	1	1
Fluid feed compatible	Yes	Yes
Enclosure protection	IP64	IP64



<b>ProPlus</b>	<b>Fury100</b>	<b>Fury200</b>	<b>Fury200XF</b>
N/A	N/A	N/A	N/A
110 V AC, 50/60Hz, 8A	110 V AC, 50/60Hz, 15A	110 V AC, 50/60Hz, 32A	110 V AC, 50/60Hz, 32A
240 V AC, 50/60Hz, 8A	240 V AC, 50/60Hz, 10A	240 V AC, 50/60Hz, 16A	240 V AC, 50/60Hz, 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 <sup>2</sup>	35mm <sup>2</sup>	35mm <sup>2</sup>	35mm <sup>2</sup>
1, 2	1, 2	1, 2, 3, 4	1, 2, 3
Yes	Yes (Max 80A)	Yes (Max 80A)	Fully integrated
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](http://www.cougartron.com)  
or use the QR code.

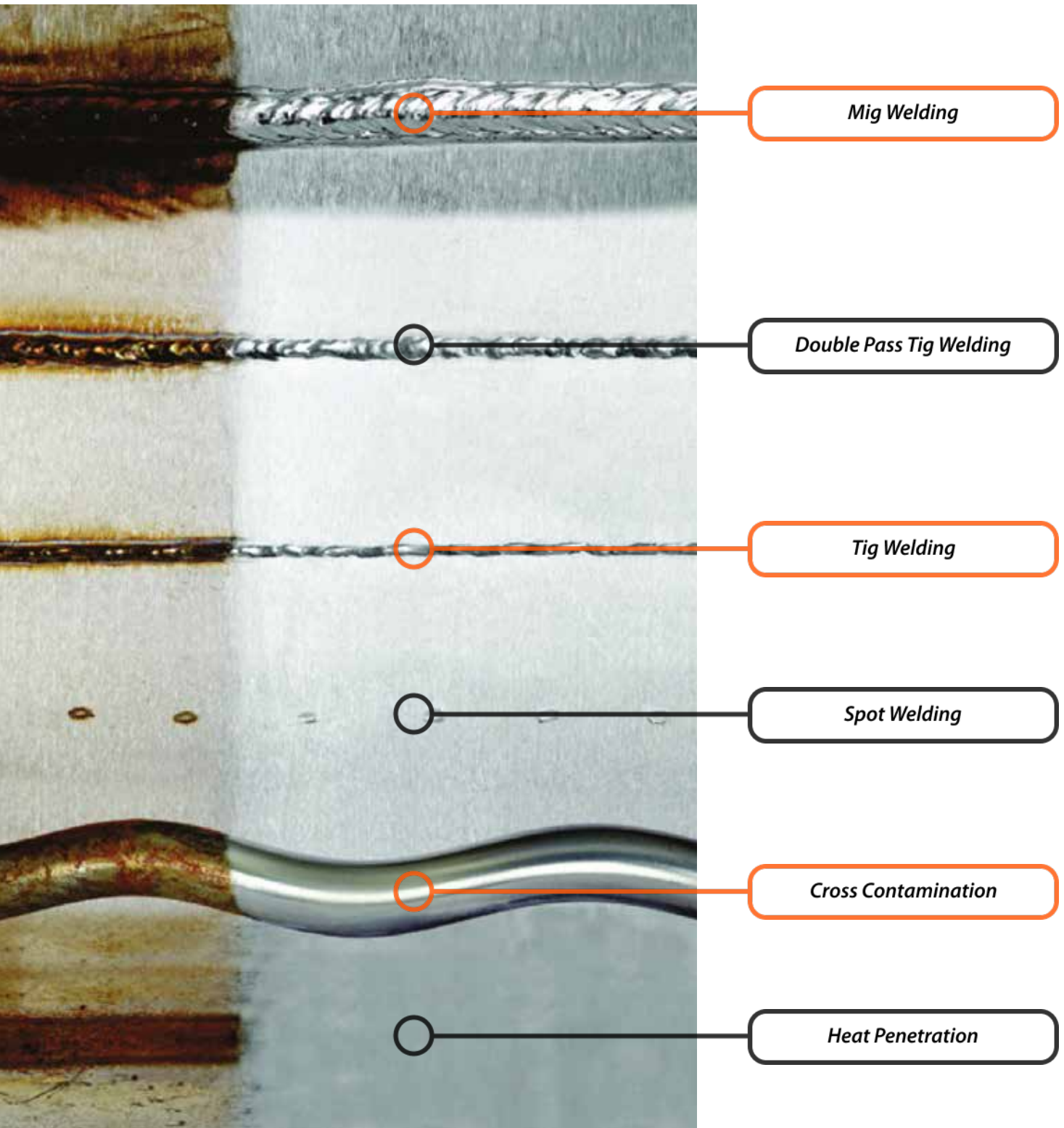




# Stainless Steel Weld Types

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.



# Machine selection tool

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

<b>A</b>	<b>B</b>	<b>C</b>			
<b>Welding process</b>	<b>Material thickness</b>	<b>Hours/ week</b>	<b>Amps</b>	<b>Machines(s)</b>	<b>Cleaning speed m/min approx.</b>
TIG	1-3mm	<5	30	Power30, Power30X	0.5
TIG	1-3mm	5-20	50	ProPlus	1.0
TIG	1-3mm	20+	100	Fury100	2.0
TIG	3-6mm	<5	30	Power30, Power30X	0.4
TIG	3-6mm	5-20	50-100	ProPlus, Fury100	1.0
TIG	3-6mm	20+	200	Fury200 / Fury200XF	2.0
TIG	6mm+	<5	50	ProPlus	0.5
TIG	6mm+	5-20	50-100	Fury100, Fury200	1.0
TIG	6mm+	20+	200	Fury200 / Fury200XF	2.0
MIG	1-5mm	<5	50	ProPlus	0.5
MIG	1-5mm	5-20	50-100	Fury100, Fury200	1.0
MIG	1-5mm	20+	200	Fury200 / Fury200XF	1.5
MIG	5mm+	<5	50	ProPlus, Fury100	0.4
MIG	5mm+	5-20	50-100	Fury100, Fury200	0.7
MIG	5mm+	20+	200	Fury200 / Fury200XF	1.0

Important note: Double-pass TIG welding should be regarded as a MIG welding in the above table.

**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**



**Marking**

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 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)
- 4m work lead and earth lead as standard
- Cougartron twist shroud as standard for smart, easy brush length control
- Splashproof membrane control panel is easily wiped clean
- Compact & easily transportable
- Dual input voltage – use the same machine on a 110V or 230V power supply

## Technical data

Power supply: 110/230V version	110-230 V AC, 50/60Hz, 4A
Power supply: 110V version	N/A
Power supply: 230V version	N/A
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
Input cable length	1.5m
Output cable length	4m
Output cable Size	10mm <sup>2</sup>
Brush holder options	1
Fluid feed compatible	Yes
Size (machine only)	H (with handle up) 378mm, W 220mm, D 170mm
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	110 - 230V
Power30 Weld-cleaner - Basic Set	8,41 kg	WELC1070
Power30 Weld-cleaner - Starter Set A	15,28 kg	WELC1071
Power30 Weld-cleaner - Starter Set B	18,44 kg	WELC1072
Power30 Weld-cleaner - Starter Set C	20,64 kg	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 4M, 50A (x-connector)	x	x	x	x
WELC2118	Lead with earth clamp 4M, 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
n/a	Power lead - country specific*	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 150x100mm			x	x
WELC4956	Marking set for weld-cleaning machine (Advanced)				x

## Upgrade equipment & spares

Part nr.	Description	Catalogue 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 4M, 50A (x-connector)	45
WELC2120	Extension lead, black 4M, 50A (x-connector)	45
WELC2227	Twist shroud (for WELC2235 wand)	52

\* Machines & sets are supplied with the correct power lead(s) for the ship-to country

\*\*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)
- 4m work lead and earth lead as standard
- Cougartron twist shroud as standard for smart, easy brush length control
- Splashproof membrane control panel is easily wiped clean
- Compact & easily transportable
- Dual input voltage – use the same machine on a 110V or 230V power supply

## Technical data

Power supply: 110/230V version	110-230 V AC, 50/60Hz, 4A
Power supply: 110V version	N/A
Power supply: 230V version	N/A
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
Input cable length	1.5m
Output cable length	4m
Output cable Size	10mm <sup>2</sup>
Brush holder options	1
Fluid feed compatible	Yes
Size (machine only)	H (with handle up) 378mm, W 220mm, D 170mm
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	110-230V
Power30X Weld-cleaner - Basic Set	8,41 kg	WELC1080
Power30X Weld-cleaner - Starter Set A	15,28 kg	WELC1081
Power30X Weld-cleaner - Starter Set B	18,44 kg	WELC1082
Power30X Weld-cleaner - Starter Set C	20,64 kg	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 4M, 50A (x-connector)	x	x	x	x
WELC2118	Lead with earth clamp 4M, 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
n/a	Power lead - country specific*	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 150x100mm			x	x
WELC4956	Marking set for weld-cleaning machine (Advanced)				x

## Upgrade equipment & spares

Part nr.	Description	Catalogue 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 4M, 50A (x-connector)	45
WELC2120	Extension lead, black 4M, 50A (x-connector)	45
WELC2227	Twist shroud (for WELC2235 wand)	52

\* Machines & sets are supplied with the correct power lead(s) for the ship-to country

\*\*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)
- 4m work lead and earth lead as 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: 110/230V version	N/A
Power supply: 110V version	110 V AC, 50/60Hz, 8A
Power supply: 230V version	240 V 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
Input cable length	1.5m
Output cable length	4m
Output cable Size	10mm <sup>2</sup>
Brush holder options	1, 2
Fluid feed compatible	Yes
Size (machine only)	W 220mm, H 318mm, D 180mm
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	110V	230V
ProPlus Weld-cleaner - Basic Set	9,7 kg	WELC1090	WELC1094
ProPlus Weld-cleaner - Starter Set A	16,4 kg	WELC1091	WELC1095
ProPlus Weld-cleaner - Starter Set B	19,57 kg	WELC1092	WELC1096
ProPlus Weld-cleaner - Starter Set C	21,8 kg	WELC1093	WELC1097

## 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 4M, 50A (x-connector)	x	x	x	x
WELC2118	Lead with earth clamp 4M, 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
n/a	Power lead - country specific*	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 150x100mm			x	x
WELC4956	Marking set for weld-cleaning machine (Advanced)				x

## Upgrade equipment & spares

Part nr.	Description	Catalogue 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 4M, 50A (x-connector)	45
WELC2120	Extension lead, black 4M, 50A (x-connector)	45
WELC2227	Twist shroud (for WELC2235 wand)	52

\* Machines & sets are supplied with the correct power lead(s) for the ship-to country

\*\*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
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# Fury100

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



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!

## 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
- 6m work lead and earth lead as 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: 110/230V version	N/A
Power supply: 110V version	110 V AC, 50/60Hz, 15A
Power supply: 230V version	240 V AC, 50/60Hz, 10A
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
Input cable length	4m
Output cable length	6m
Output cable Size	35mm <sup>2</sup>
Brush holder options	1, 2
Fluid feed compatible	Yes (Max 80A)
Size (machine only)	W 39cm, H 64cm (machine unit) / 116,5cm (unit with handle extended), D 33cm
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	110V	230V
Fury100 Weld-cleaner - Basic Set	50 kg	WELC1104	WELC1100
Fury100 Weld-cleaner - Starter Set A	51 kg	WELC1105	WELC1101
Fury100 Weld-cleaner - Starter Set B	54,3 kg	WELC1106	WELC1102
Fury100 Weld-cleaner - Starter Set C	55,5 kg	WELC1107	WELC1103

## 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 6M, 200A (dinse)	x	x	x	x
WELC2578	Lead with earth clamp 6M, 200A (dinse)	x	x	x	x
WELC2574	Drip Tray	x	x	x	x
WELC3048	CGT-550 Weld Cleaning & Polishing Fluid - 5L		x	x	x
WELC3158	CGT-N5 HyPerformance Neutralising Fluid - 5L		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 150x100mm			x	x
	Marking set for weld-cleaning machine (Advanced)				x

## Extra equipment

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

\* Max cleaning power 80A with the FL10 fluid feed system

\*\* Mobile equipment stand can be used for FL10 and consumables only



# 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
- 6m work lead and earth lead as standard
- 1, 2, 3 and 4-brush adaptors available.
- Highly adjustable – both amp and volt settings can be adjusted for optimal cleaning & polishing



►Video



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

## Technical data

Power supply: 110/230V version	N/A
Power supply: 110V version	110 V AC, 50/60Hz, 32A
Power supply: 230V version	240 V 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
Input cable length	4m
Output cable length	6m
Output cable Size	35mm <sup>2</sup>
Brush holder options	1, 2, 3, 4
Fluid feed compatible	Yes (Max 80A)
Size (machine only)	W 39cm, H 64cm (machine unit) / 116,5cm (unit with handle extended), D 33cm
Enclosure protection	IP53
Certification	CE, UL, CSA, RCM

## Set buying information

Description	Weight	110V	230V
Fury200 Weld-cleaner - Basic Set	60 kg	WELC1114	WELC1110
Fury200 Weld-cleaner - Starter Set A	61 kg	WELC1115	WELC1111
Fury200 Weld-cleaner - Starter Set B	64,3 kg	WELC1116	WELC1112
Fury200 Weld-cleaner - Starter Set C	66,5 kg	WELC1117	WELC1113

## 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 6M, 200A (dinse)	x	x	x	x
WELC2578	Lead with earth clamp 6M, 200A (dinse)	x	x	x	x
WELC2574	Drip Tray		x	x	x
WELC3048	CGT-550 Weld Cleaning & Polishing Fluid - 5L		x	x	x
WELC3158	CGT-N5 HyPerformance Neutralising Fluid - 5L		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 150x100mm			x	x
	Marking set for weld-cleaning machine (Advanced)				x

## Extra equipment

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

\* Max cleaning power 80A with the FL10 fluid feed system

\*\* Mobile equipment stand can be used for FL10 only

# Fury200XF

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



►Video



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

The Fury200XF reigns supreme in Cougartron's weld-cleaning lineup, thanks to its seamless integration of fluid feed. 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
- 6m work lead and earth lead as 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: 110/230V version	N/A
Power supply: 110V version	110 V AC, 50/60Hz, 32A
Power supply: 230V version	240 V 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
Input cable length	4m
Output cable length	6m
Output cable Size	35mm <sup>2</sup>
Brush holder options	1, 2, 3
Fluid feed compatible	Fully integrated
Size (machine only)	W 39cm, H 64cm (machine unit) / 116,5cm (unit with handle extended), D 33cm
Enclosure protection	IP53
Certification	CE, UL, CSA, RCM

## Set buying information

Description	Weight	110V	230V
Fury200XF Weld-cleaner - Basic Set	60 kg	WELC1124	WELC1120
Fury200XF Weld-cleaner - Starter Set A	61kg	WELC1125	WELC1121
Fury200XF Weld-cleaner - Starter Set B	64,3 kg	WELC1126	WELC1122
Fury200XF Weld-cleaner - Starter Set C	66,5 kg	WELC1127	WELC1123

## 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 6M, 200A (dinse)	x	x	x	x
WELC2578	Lead with earth clamp 6M, 200A (dinse)	x	x	x	x
WELC2574	Drip Tray		x	x	x
WELC3048	CGT-550 Weld Cleaning & Polishing Fluid - 5L		x	x	x
WELC3158	CGT-N5 HyPerformance Neutralising Fluid - 5L		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	

## Extra equipment

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

\* Max cleaning power 80A with the FL10 fluid feed system

\*\* Mobile equipment stand can be used for FL10 only





# 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. 40)
- Mobile workstation (see p. 41)

►Video



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

\* Speak to a Cougartron consultant for details

## Technical data

Power supply	110-230 V 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)
Input cable length	1.5m
Output cable length	4m
Output cable Size	10mm <sup>2</sup>
Brush holder options	1
Size (machine only)	L 180mm, W 150mm, H 70mm
Weight (machine only)	0,79 kg
Compatibility	All machines

## Set buying information

Description	Weight	Part nr.
FL10 fluid feed system - Starter Set A	5,3 kg	WELC1059
FL10 fluid feed system - Starter Set B	19,1 kg	WEL1069
FL10 fluid feed system - Starter Set C	28 kg	WEL1076

## 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
n/a	Power lead - country specific*	x	x	x
WELC2063	Transport case - Medium	x	x	x
WELC5025	Foam insert	x	x	x
WELC2709	CGT 10mm <sup>2</sup> 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	Disperser for Fluid Feed Wand (M6 brush)

# 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



►Video



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

## Technical data

Power supply	110-230 V 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)
Input cable length	1.5m
Output cable length	4m
Output cable Size	10mm <sup>2</sup>
Brush holder options	1
Size (machine only)	L 225mm, W 220mm, H 318mm
Weight (machine only)	5,3 kg
Compatibility	Power, ProPlus models

## Set buying information

Description	Weight	Part nr.
FL20 fluid feed system - Starter Set A	7,1 kg	WELC1060
FL20 fluid feed system - Starter Set B	29,8 kg	WELC1068

## Set contents

Part nr.	Description	Starter Set A	Starter Set B
n/a	FL20 fluid feed system - Pump unit only	x	x
n/a	Power lead - country specific*	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 microfibrecloth - 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





## 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	H 795mm, D 355mm, W 445mm
Weight	13,8kg

►Video



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

# 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

►Video



## Buying information

Part nr.	Description
WELC2826	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	950 mm/37,4 in
Height	850 mm/33,5 in
Weight	21,87 kg/48,21 Lbs.

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

# Weld cleaner leads & extensions

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 4M, 50A (x-connector)
WELC2577	Lead with handle 6M, 200A (dinse)
WELC2709	Lead w/ handle 4M, fluid feed, 50A (x-con.)



WELC2118



WELC2578



WELC2176

## Weld cleaner earth leads

Part nr.	Description
WELC2118	Lead with handle 6M, 200A (dinse)
WELC2578	Lead with earth clamp 4M, 50A (x-connector)
WELC2176	Lead with earth clamp 6M, 200A (dinse)





WELC2122



WELC2579



WELC2580



WELC2120

## Weld cleaner extension leads

Part nr.	Description
WELC2122	Extension lead, orange 4M, 50A (x-connector)
WELC2120	Extension lead, black 4M, 50A (x-connector)
WELC2579	Extension lead, orange 6M, 200A (dinse)
WELC2580	Extension lead, black 6M, 200A (dinse)



## Power leads

Part nr.	Description
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)
WELC2480	IEC power lead 1.8M 230V (BR)
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.



## 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

**Cougartron.**  
Powered by innovation

**CGT-550**

Cougartron Electro-pickling Electro

Exclusively for professional and industrial use



**DANGER**

H314 - Causes severe skin burns and eye damage

P260 - Do not breathe dust/fume/gas

P280 - Wear protective gloves/protective clothing/eye protection/face protection

Response: P301 + P330 + P331

P302 + P361 + P353 - IF ON SKIN: Wash off contaminated clothing. Remove contaminated clothing and shoes. Rinse skin with water/shower.

P303 + P361 + P353 - IF ON SKIN: Wash off contaminated clothing. Remove contaminated clothing and shoes. Rinse skin with water/shower.

P304 + P340 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 - Immediately call a POISON CENTER or doctor, show the label.

Disposal: P501 - Dispose of contents and container according to local regulations.

**UN 1805**

Storage: SC+H400

Manufacturer: Cougartron Pty Ltd, 1000-1000000000000000

Cougartron Part Number:  
WELC046, WELC129



**Cougartron.**  
Powered by innovation

**CGT-550**

Cougartron Electro-pickling Electro-polishing and Passivating Fluid

Exclusively for professional and industrial use



**DANGER**

H314 - Causes severe skin burns and eye damage

P260 - Do not breathe dust/fume/gas/vapor/spray

P280 - Wear protective gloves/protective clothing/eye protection/face protection

Response: P301 + P330 + P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P302 + P361 + P353 - IF ON SKIN: Wash off contaminated clothing. Remove contaminated clothing and shoes. Rinse skin with water/shower.

P303 + P361 + P353 - IF ON SKIN: Wash off contaminated clothing. Remove contaminated clothing and shoes. Rinse skin with water/shower.

P304 + P340 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 - Immediately call a POISON CENTER or doctor, show the label.

Disposal: P501 - Dispose of contents and container according to local regulations.

**UN 1805**

Storage: SC+H400

Manufacturer: Cougartron Pty Ltd, 1000-1000000000000000

Cougartron Part Number:  
WELC046, WELC129



5 714016 000484

1L 1Qt

## Brushes, fluids & wipes

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# 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 - Ø6mmx50mm long, 100mm shaft
WELC3131	Pipebrush - Ø8mmx50mm long, 100mm shaft
WELC3153	Pipebrush - Ø10mmx50mm long, 100mm shaft
WELC3154	Pipebrush - Ø12mmx50mm long, 100mm shaft
WELC3121	Pipebrush - Ø15mmx30mm long, 50mm shaft
WELC3032	Pipebrush - Ø18mmx90mm long
WELC3033	Pipebrush - Ø25mmx90mm long
WELC3037	Pipebrush - Ø40mmx90mm long
WELC3041	Pipebrush - Ø50mmx90mm long

## Brush accessories

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



WELC2226



WELC2235



WELC2227



WELC2006



WELC2010

### 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)
WELC2006	Adapter (for 2x M6 brush)
WELC2010	Adapter (for 4x M6 brush)



## 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)
WELC2457	Wand/twist shroud set (for 4x M8 brush)
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.)



WELC2175



WELC2014



WELC2199



WELC2038



WELC2090



WELC2009



WELC2546



WELC2633

### 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
WELC3048	CGT-550 Weld Cleaning & Polishing Fluid - 5L



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 washing parts with water.



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
WELC3158	CGT-N5 HyPerformance Neutralising Fluid - 5L

# 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



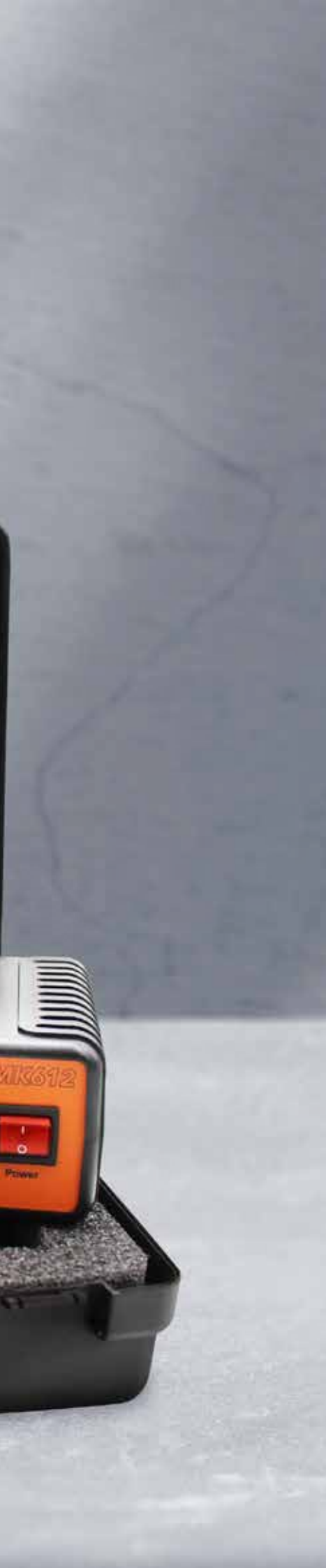
# MK12 / MK612

## 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

►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.

## Technical data

Power supply - 110V version	110 V AC, 50/60Hz, 1A
Power supply - 230V version	240 V AC, 50/60Hz, 1A
Output Amps	<10A
Output voltage	12 V AC
DC adaptor compatible	Yes
Input Cable length	1.5m
Output Cable length	1.5m
Marking head options	40mm

## Set buying information

Description	Weight	110V	230V
MK12 marking machine - Basic Set	2,41 kg	WELC4229	WELC4027
MK12 marking machine - Starter Set A	2,41 kg	WELC4951	WELC4950
MK12 marking machine - Starter Set B	6,4 kg	WELC4953	WELC4952
MK12 marking machine - Starter Set C	8 kg	WELC4955	WELC4954

## 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 150x100mm		x	x	x
WELC4946	Stencil Printer - Brother PT-D610BTv-18-24mm tape			x	
WELC4015	Stencil tape, 24mm x 3m			x	
WELC4942	Stencil Printer - Brother TD-4410D - 106mm tape				x
WELC4021	106mm x 100m 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)

\*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

►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.

## Technical data

Power supply - 110V version	110 V AC, 50/60Hz, 1A
Power supply - 230V version	240 V AC, 50/60Hz, 1A
Output Amps	<15A
Output voltage	6-12 V AC
DC adaptor compatible	Yes
Input Cable length	1.5m
Output Cable length	1.5m
Marking head options	40mm

## Set buying information

Description	Weight	110V	230V
MK612 marking machine - Basic Set	2,41 kg	WELC4930	WELC4024
MK612 marking machine - Starter Set A	2,41 kg	WELC4961	WELC4960
MK612 marking machine - Starter Set B	6,41 kg	WELC4963	WELC4962
MK612 marking machine - Starter Set C	8 kg	WELC4965	WELC4964

## 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 150x100mm		x	x	x
WELC4946	Stencil Printer - Brother PT-D610BTv-18-24mm tape			x	
WELC4015	Stencil tape, 24mm x 3m			x	
WELC4942	Stencil Printer - Brother TD-4410D - 106mm tape				x
WELC4021	106mm x 100m Marking Roll				x
WELC4079	DC adaptor for light etching				x

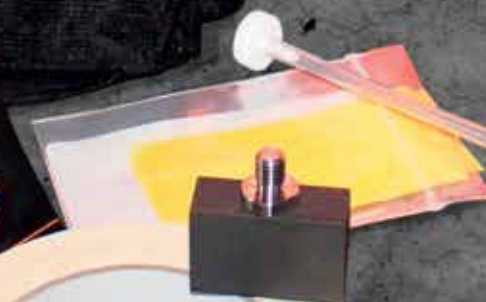
## Additional spares

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)
WELC4002	O-ring for std marking block (pack5)

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

\*\* Suitable for degreasing surfaces prior to marking







# Marking sets, fluids & stencils

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# 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)	3,18 kg	WELC4045
Marking set for weld-cleaning machine (Advanced)	5,34 kg	WELC4956

## Set contents

Part nr.	Description	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 150x100mm		x
WELC4946	Stencil Printer - Brother PT-D610BTV-18-24mm tape		x
n/a	Stencil tape, 24mm x 3m (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.



# Printers and stencil tapes

## 18-24mm

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-D610BTW-18-24mm tape
WELC4284	Stencil Printer - Brother PT-E550WVP-18-24mm tape
WELC4014	Stencil tape, 18mm x 3m
WELC4015	Stencil tape, 24mm x 3m

### Technical data

	WELC4946	WELC4284
Weight	1kg	1,05 kg
Dimensions	202mm (W) x 199mm (H) x 87mm (D)	126 (W) x 250 (D) x 94 mm (H)
Print speed	30mm/sec	30mm/sec
Function	Stencil/label printing	Stencil/label printing
Brand & Model:	Brother PT-D610BTW	Brother PT-E550WVP
Width of printed stencils	18mm, 24mm	18mm, 24mm
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

## 18-36mm

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, when you want it.



WELC4339



WELC4016

Part nr.	Description
WELC4339	Stencil Printer - Brother PT-D800W - 18-36mm tape
WELC4016	Stencil tape, 36mm x 3m

### Technical data

Weight	5,307 kg
Dimensions	337mm (W) x 188mm (D) x 173mm (H)
Print speed	58mm/sec
Function	Stencil/label printing
Brand & Model	Brother PT-800W
Width of printed stencils	18-36mm
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
Stencil tape	TZe Tape



# 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.



WELC4942 WELC4938



WELC4021

Part nr.	Description
WELC4942	Stencil Printer - Brother TD-4410D - 106mm tape
WELC4938	Stencil Printer - Brother TD-4520DN - 106mm tape
WELC4021	106mm x 100m Marking Roll

### Technical data

	WELC4942	WELC4938
Brand/Model	Brother TD-4410	Brother TD-4520
Weight	2,4 kg	2,4 kg
Width of printed stencils	Up to 106mm	Up to 106mm
Cutter	Automatic	Automatic
Print speed	Up to 127 mm/sec	Up to 127 mm/sec
PC connectivity	Yes	Yes
Ethernet connectivity	No	Yes
Print resolution	203dpi	300dpi

# 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](http://www.cougartron.com/book-a-machine-demo)**

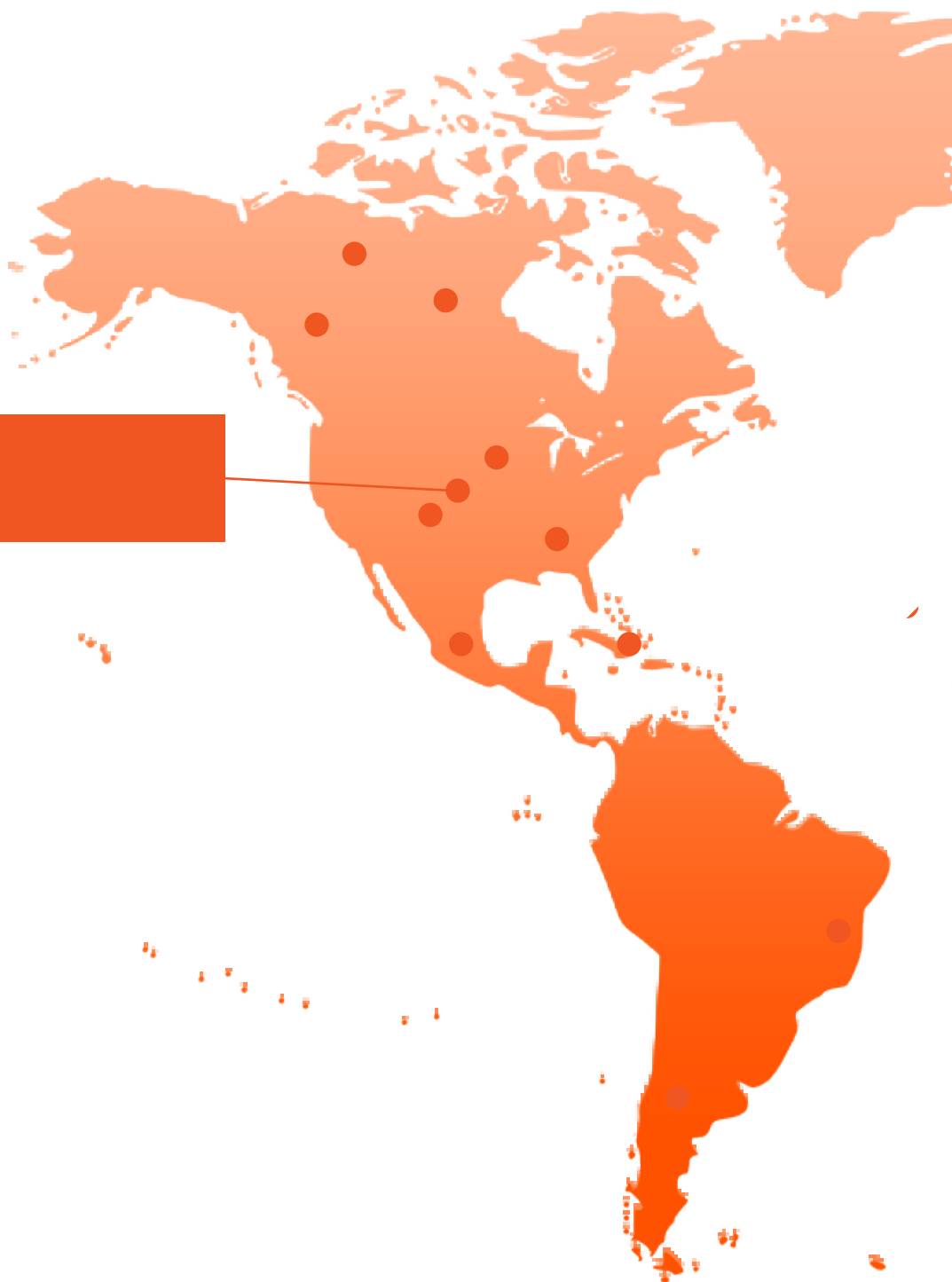
►Book a Demo



## Key market: USA & Canada

90+ Dealers

12 sales representatives







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