



Pipe Tools Catalogue



PURGE
'N' WELD

STAND
'N' WELD

CLAMP
'N' WELD



Dedication, Quality, and Efficiency

Dedication, Quality, and Efficiency - these three pillars are the cornerstones of our mission and commitment. At Cougartron, our priority is ensuring the delivery of high quality products to our valued customers. When we introduce new products, we test them thoroughly, ensuring they not only meet but exceed the high expectations. Our machines and purification systems enable our customers to work with greater speed, efficiency, and, most importantly, enhanced safety.

Jonathan Edwards set out to develop cutting edge equipment for the Stainless-Steel Electro-polishing sector in 2012. Since that time Jonathan's Son's Mark and Scott have joined the Family business with Scott heading the Engineering Department while Mark oversees the Company's Global sales efforts.

The Edwards Families dedication to Customer Service and Continuous Improvement is a good indicator that Cougartron will be here for decades to come bringing New and Innovative products that meet the demands of changing technologies and applications.



Contents



Silicone Purge Plugs

7



Dual Seal System

11

- Product Features
- Buying information
- One-size set



Stand 'N' Weld

19

- Product Features
- Buying information
- Roller Kits



Clamp 'N' Weld

23

- Product Features
- Buying information

Crafted by welders,
for welders.



Silicone Purge Plugs

Product features	8
Buying information & set contents	9

Silicone Purge Plugs

Purge N Weld Purge Plugs from Cougartron are the perfect solution for all of your High Purity Back- Purge welding applications. Our high heat silicone construction allows our plugs to operate in close proximity to the HAZ heat affected zone.
working in close proximity allows for the use of less Argon and a faster purge times.
That is a return on investment in Direct Labor and overhead recovery form one innovative product.

The kit contains 6 pairs or plugs, gas diffuser, purging tube and quick release fitting for instant purge line connection.



Key features

- Perfect Seal for Back Purging: Purge ‘N’ weld Purge Plugs are meticulously designed to create a flawless seal during back purging, ensuring that your welding environment is free from unwanted contaminants.
- Improved Weld Quality: By maintaining a pristine welding environment, these bungs contribute to improved weld quality, resulting in stronger and more reliable welds.
- Enhanced Weld Cleaning: High-quality sealing with Purge ‘n’ weld bungs not only improves the welding process but also streamlines the subsequent weld cleaning process, saving you time and effort.
- High-Temperature Resilience: Crafted from premium silicone, these bungs can withstand high temperatures even in close proximity to the weld, ensuring durability and longevity.
- Optimal Gas Coverage: Each bung set includes a diffuser, ensuring that the gas coverage during the welding process is at its best, guaranteeing consistent and high-quality welds.
- Versatility: The kit includes six different pairs of bungs, catering to various pipe diameters, making it versatile and suitable for a range of welding projects.
- Comprehensive Kit: In addition to the bungs and diffuser, the kit also includes a gas diffuser, quick-release coupler, and a purging tube, providing you with all the necessary tools for a successful welding experience.
- Convenient Storage: The entire kit is packaged in our heavy-duty Cougartron orange case, complete with a practical handle and foam inserts, ensuring that your tools are well-protected and organized, making it easy to carry to your worksite or store when not in use.

Set buying information

Part nr.	Description	Weight
CP3000	Purge ‘N’Weld - Silicone Purge Plugs Set - 23-103mm	2,5 kg

Set contents

Part nr.	Description
CP2002	Purge Plugs - 23-27mm
CP2004	Purge Plugs- 31-39mm
CP2005	Purge Plugs - 45-53mm
CP2006	Purge Plugs - 54-64mm
CP2007	Purge Plugs - 73-76mm
CP2008	Purge Plugs - 83-103mm
CP2009	Gas diffuser for silicone bung system
CP2019	PVC hose - 2m
CP2020	Hose clip for silicone bung system
CP2021	6mm Tube Connector



Dual Seal System

Dual Seal System	12
Product features	
Buying information & set contents	
Individual Parts	14
Buying information & set contents	
One Size Kit	16
Buying information & set contents	

Dual Seal System

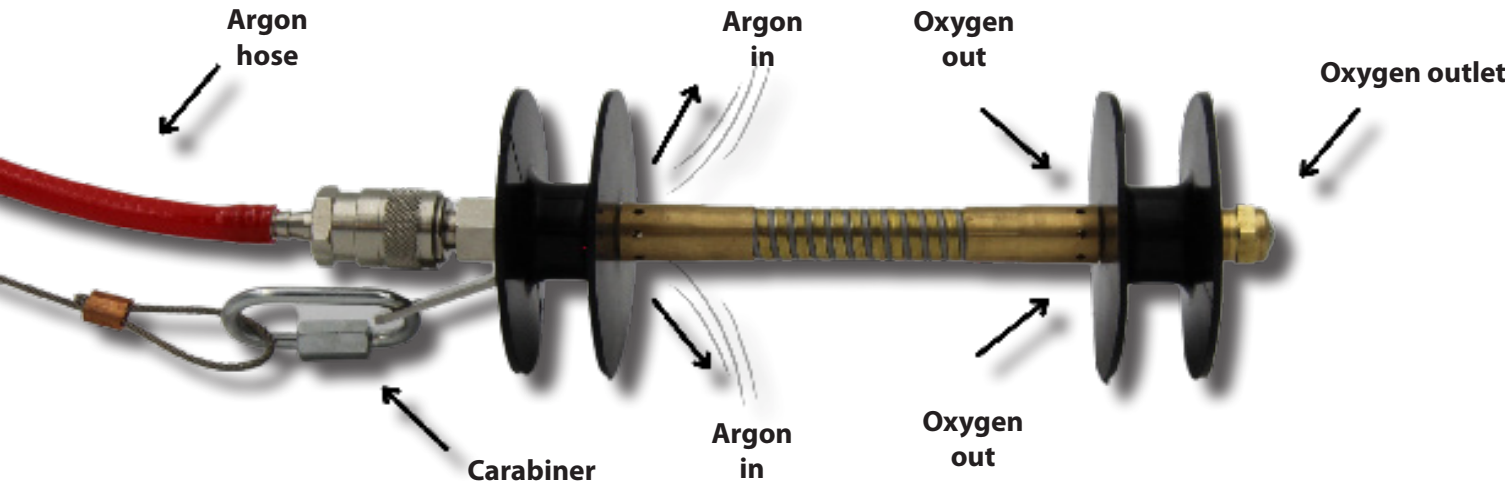
The Cougartron Dual Seal System is your go-to solution for purging when welding stainless steel pipes and tubes. This system is engineered to withstand the demands of the welding environment while providing exceptional usability. The Dual Seal Flanges are manufactured from high-grade silicone, ensuring heat resistance up to 320°C, making it suitable for welding not only stainless steel but also Duplex and other exotic materials.

Whether you're dealing with straight pipe sections or bends, the Dual Seal System is easy to pull through, ensuring a tight seal and reducing both purging time and inert gas usage. Experience typical purge times of less than 2 minutes. For instance, an 8" (200mm) pipe can be purged to below 0.01% oxygen in less than 2 minutes.

The Dual Seal System is available to suit internal pipe diameters ranging from 25mm to 215mm, offering flexibility for various welding projects. We have three different Dual Seal purge unit lengths: 120mm, 150mm, and 200mm available, all compatible with a range of sealing discs. For simplicity, opt for one-size sets that include a ready-to-use Dual Seal Unit with a single disc size, complete with two discs, one spacer, and other necessary accessories. If you only need the discs these can be purchased separately.

Key Features

- Robust and Flexible
- Heat-Resistant
- Rapid Purging
- Size Variety
- Multiple Length
- Comprehensive Sets
- Spare Discs



Set buying information

Description	Weight	Code
Purge 'N' Weld - Dual Seal Purge Set - 25-100mm	4.24 kg	CP3001
Purge 'N' Weld - Dual Seal Purge Set - 25-165mm	7.04 kg	CP3002
Purge 'N' Weld - Dual Seal Purge Set - 25-215mm	13.98 kg	CP3003

Set contents

Part nr.	Description	25-100mm	25-165mm	25-215mm
WELC2063	Cougartron Transport case - Medium	1		1
WELC2064	Cougartron Transport case - Large		1	2
CP2013	Foam insert for Dual Seal Set 25-100mm	1		
CP2014	Foam insert for Dual Seal Set 25-165mm		1	1
CP2042	Foam insert for Dual Seal Set 25-215mm			1
CP2023	Gas tube reinforced Ø5.5/8mm - 10m	1	1	1
CP2041	Towing wire with 30mm loops, stainless - 10m	1	1	1
CP2043	Quick-connect coupling - male	1	1	1
CP2044	Quick-connect coupling - female	1	1	1
CP2045	Gas damper	1	1	1
CP2046	Quicklink carabiner - 40mm	1	1	1
CP2047	Hose clip	1	1	1
CP2048	Towing bracket	1	1	1
CP2018	Flex Spacer - 200mm	1	1	1
CP2024	Dual Seal Purge Disc 25-31mm	2	2	2
CP2025	Dual Seal Purge Disc 32-40mm	2	2	2
CP2026	Dual Seal Purge Disc 41-50mm	2	2	2
CP2027	Dual Seal Purge Disc 52-61mm	2	2	2
CP2028	Dual Seal Purge Disc 62-74mm	2	2	2
CP2029	Dual Seal Purge Disc 75-86mm	2	2	2
CP2030	Dual Seal Purge Disc 85-100mm	2	2	2
CP2031	Dual Seal Purge Disc 100-110mm		2	2
CP2032	Dual Seal Purge Disc 120-135mm		2	2
CP2033	Dual Seal Purge Disc 140-155mm		2	2
CP2034	Dual Seal Purge Disc 150-165mm		2	2
CP2035	Dual Seal Purge Disc 180-200mm			2
CP2036	Dual Seal Purge Disc 195-215mm			2

Individual Parts

Set contents (basic accessoires)

Part nr.	Description
CP2023	Gas tube reinforced Ø5.5/8mm - 10m
CP2041	Towing wire with 30mm loops, stainless - 10m
CP2043	Quick-connect coupling - male
CP2044	Quick-connect coupling - female
CP2045	Gas damper
CP2046	Quicklink carabiner - 40mm
CP2047	Hose clip
CP2048	Towing bracket
CP2016	Flex Spacer - 120mm
CP2017	Flex Spacer - 150mm
CP2018	Flex Spacer - 200mm

Part nr.	Description
CP2024	Dual Seal Purge Disc 25-31mm
CP2025	Dual Seal Purge Disc 32-40mm
CP2026	Dual Seal Purge Disc 41-50mm
CP2027	Dual Seal Purge Disc 52-61mm
CP2028	Dual Seal Purge Disc 62-74mm
CP2029	Dual Seal Purge Disc 75-86mm
CP2030	Dual Seal Purge Disc 85-100mm
CP2031	Dual Seal Purge Disc 100-110mm
CP2032	Dual Seal Purge Disc 120-135mm
CP2033	Dual Seal Purge Disc 140-155mm
CP2034	Dual Seal Purge Disc 150-165mm
CP2035	Dual Seal Purge Disc 180-200mm
CP2036	Dual Seal Purge Disc 195-215mm
CP2037	Dual Seal Purge Disc 235-260mm
CP2038	Dual Seal Purge Disc 255-280mm
CP2039	Dual Seal Purge Disc 275-300mm
CP2040	Dual Seal Purge Disc 290-320mm



CP2023



CP2041



CP2043



CP2043



CP2045



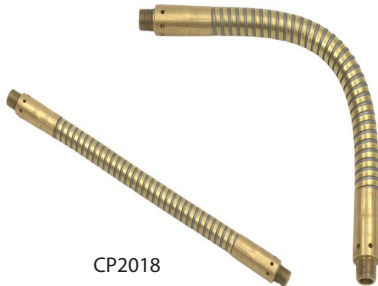
CP2046



CP2047



CP2048



CP2018



CP2024



CP2025



CP2026



CP2027



CP2028



CP2028



CP2029



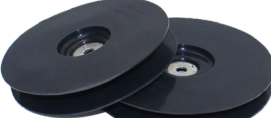
CP2030



CP2031



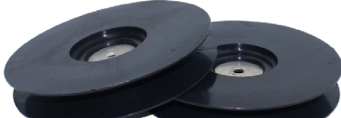
CP2032



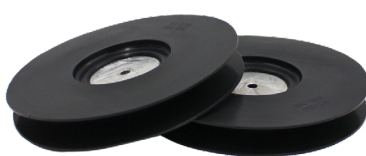
CP2033



CP2034



CP2035



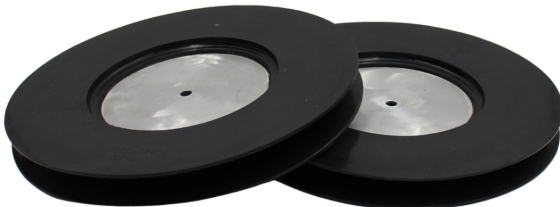
CP2036



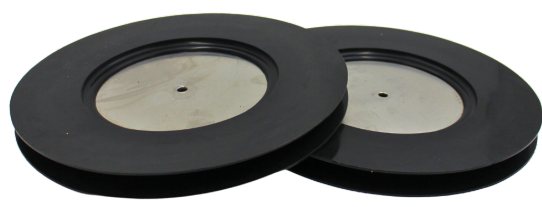
CP2037



CP2038




CP2039



CP2040

One-Size set

 **Purging** Our new Dual-Seal Purge sets are your ideal choice for stainless steel pipe purging. With our One/Size set you get all the accessories and the two discs of choice. On page 17 you can see all the different disc sizes to choose from. If you need a variety of discs please see page 13 where you can find our 3 sets with all the different accessories and disc sizes.



Set contents (basic accessories)

Part nr.	Description	One size set
CP2023	Gas tube reinforced Ø5.5/8mm - 10m	1
CP2041	Towing wire with 30mm loops, stainless - 10m	1
CP2043	Quick-connect coupling - male	1
CP2044	Quick-connect coupling - female	1
CP2045	Gas damper	1
CP2046	Quicklink carabiner - 40mm	1
CP2047	Hose clip	1
CP2048	Towing bracket	1
CP2016	Flex Spacer - 120mm	1
CP2017	Flex Spacer - 150mm	
CP2018	Flex Spacer - 200mm	

Part nr.	Description Disc sizes* Available sizes
CP2051	Dual Seal Purge - One-size Set - Disc 25-31mm
CP2052	Dual Seal Purge - One-size Set - Disc 32-40mm
CP2053	Dual Seal Purge - One-size Set - Disc 41-50mm
CP2054	Dual Seal Purge - One-size Set - Disc 52-61mm
CP2055	Dual Seal Purge - One-size Set - Disc 62-74mm
CP2056	Dual Seal Purge - One-size Set - Disc 75-86mm
CP2057	Dual Seal Purge - One-size Set - Disc 85-100mm
CP2058	Dual Seal Purge - One-size Set - Disc 100-110mm
CP2059	Dual Seal Purge - One-size Set -Disc 120-135mm
CP2060	Dual Seal Purge - One-size Set - Disc 140-155mm
CP2061	Dual Seal Purge - One-size Set - Disc 150-165mm
CP2062	Dual Seal Purge - One-size Set - Disc 180-200mm
CP2063	Dual Seal Purge - One-size Set - Disc 195-215mm
CP2065	Dual Seal Purge - One-size Set - Disc 235-260mm
CP2066	Dual Seal Purge - One-size Set - Disc 255-280mm
CP2067	Dual Seal Purge - One-size Set - Disc 275-300mm
CP2068	Dual Seal Purge - One-size Set - Disc 290-320mm

Description Disc sizes* When buying the one size set you will always get 2 discs of choice in the selected set.



Stand 'N' Weld

Product Features	20
Buying information	20
Roller kits	21

Stand 'N' Weld

A new era of pipe stands has just been introduced, boasting the innovative design of the Stand 'N' Weld fixed and - folding models, safeguarded by the cutting-edge Cougartron technology. These stands are conveniently delivered in parts to facilitate transport, promoting environmental sustainability, and can be effortlessly assembled in just five minutes.

Each package comprises the primary housing, a V-head, and a set of legs complete with nuts and bolts. Additionally, roller kits are readily available to accommodate any specific requests.

Fixed and foldable legs available. Our folding legs have the duty ratings you need to work on and compact storage when the day is done.



	Folding Pipestand 1500kg	Fixed Pipestand 1500kg
Part nr.	CW1000	CW1001
Adjustable Height	85 cm -125 cm	85 cm -125 cm
Length	112 cm	76 cm
Weight	12,0 kg	11,5 kg

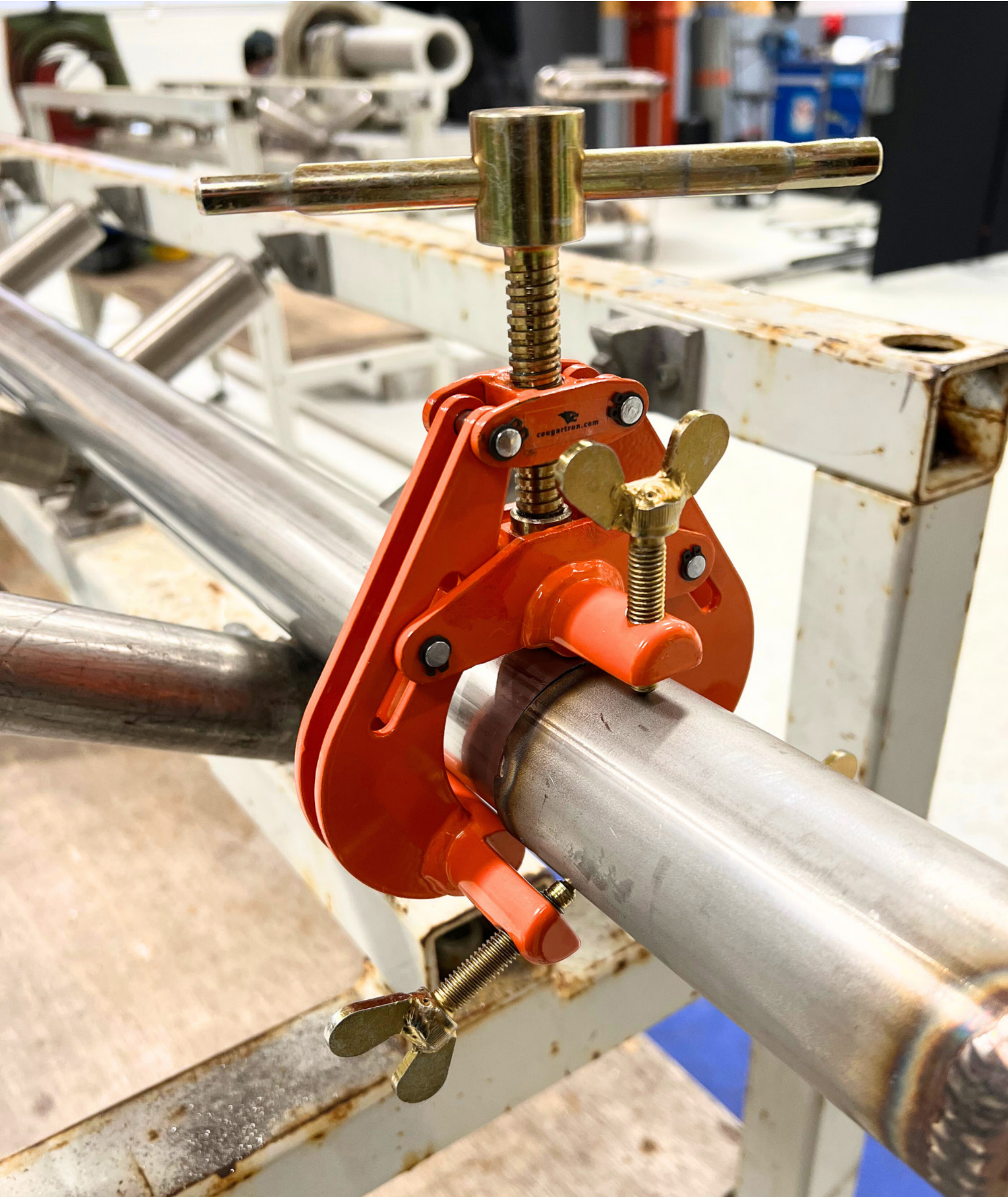
Roller Kits

Roller SS Ball is ideal for use with threading machines, roll grooving, or other pipe working applications. Fits easily onto V Head Pipe Stands (CW1000 & CW1001).

Our **Plastic Wheel Roller**, designed to provide robust support for a wide range of materials, including general-purpose and stainless steel, ensuring the prevention of workpiece contamination. All Roller Kits are available per individual piece, but can be bought as a set. The Roller can be attached to the existing V head prongs and securely fastening in place with a locking screw. This versatile solution is ideal for both workshop and on-site applications, with a special emphasis on its suitability as a stand for precise pipe cutting using a circular saw.

Our **Steel Roller** Head features an individual piece, robust steel wheels that allow precise positioning adjustments of the pipe during cutting and welding operations (can be bought as a set as well). This versatile head is ideal for providing steadfast support to general-purpose materials. However, please note that it is not suitable for use with stainless steel, as contact with the steel wheels may risk material contamination. These plates seamlessly attach to the existing V head prongs and are securely fastened in place using a locking screw. This makes it an excellent choice for both workshop and on-site applications, making it particularly handy as a sturdy stand for cutting pipes with a circular saw.

	Accessory, Roller, SS Ball	Accessory, Roller, Plastic Wheel	Accessory, Roller, Steel rollers
Part nr.	CW2000	CW2001	CW2002
Capacity	925 kg	450 kg	450 kg
Pipe Size	12 - 610 mm	12 - 610 mm	10 - 610 mm
Weight (1pc).	1,8 kg	1,1 kg	1,3 kg



Clamp 'N' Weld

Product Features	24
Buying information	25

Clamp ‘N’ Weld

Introducing Clamp ‘N’ Weld: The Ultimate Solution for Uniform Clamping in Welding

Experience the innovation of Clamp ‘N’ Weld, a revolutionary clamping tool designed to ensure even distribution of clamping forces around the target pipe during welding. This unique design guarantees consistent clamping performance, thanks to the precisely equal spacing between clamping points. Whether you’re working with pipes ranging from 1 to 14 inches in diameter, Clamp ‘N’ Weld delivers unparalleled reliability.

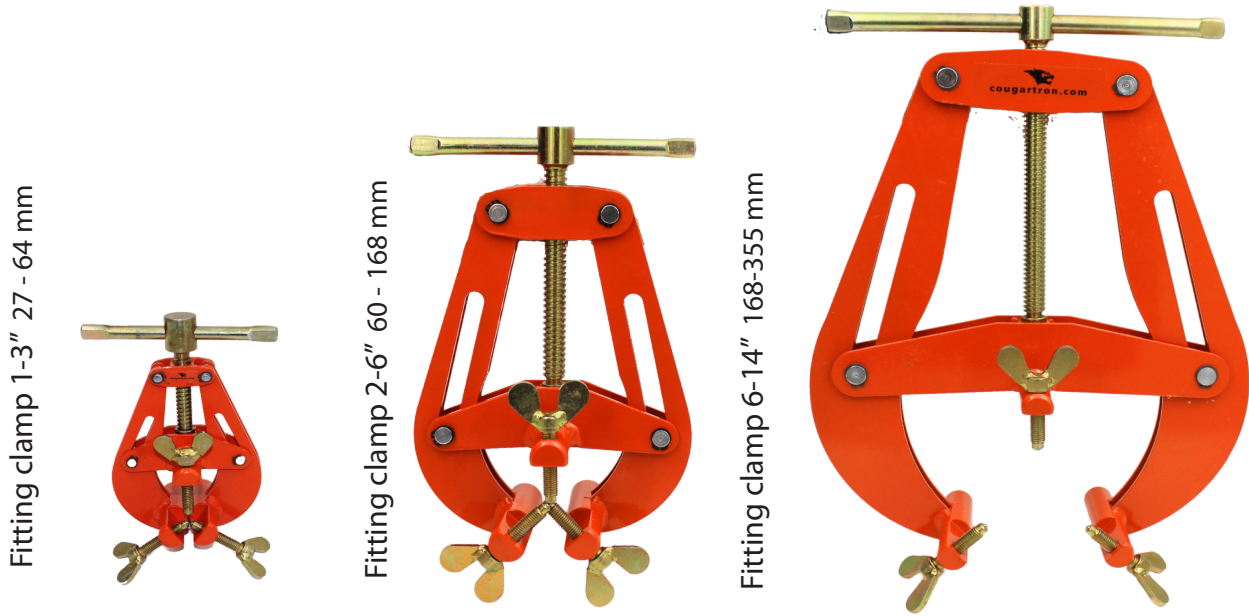
Featuring adjustable screws with stainless steel balls at their ends, Clamp ‘N’ Weld eliminates the risk of scratching the objects you’re welding, while also preventing corrosion. You can trust in the durability and longevity of your welding materials.

The arms of Clamp ‘N’ Weld are crafted from lightweight yet robust aluminum, enabling them to provide the necessary clamping force for a wide range of pipe dimensions. With compatibility for pipes ranging from 27 to 355 mm and wall thicknesses of up to 15 mm, you can tackle any welding job with confidence.

But that’s not all – Clamp ‘N’ Weld is versatile and suitable for welding a variety of materials, including carbon steel, stainless steel, duplex, super duplex, and titanium. Whatever your welding project demands, you can count on Clamp ‘N’ Weld to deliver exceptional performance.

Invest in Clamp ‘N’ Weld and experience the future of precise, uniform clamping in welding – your gateway to flawless welds on a wide range of materials.

Part nr.	Description	Range	Weight
CW2003	Clamp ‘N’ Weld Fitting clamp 1-3”	27 - 64 mm	0,75 kg
CW2004	Clamp ‘N’ Weld Fitting clamp 2-6”	60 - 168 mm	2,60 kg
CW2005	Clamp ‘N’ Weld Fitting clamp 6-14”	168 - 355 mm	7,50 kg



USER-FRIENDLY HANDLE FOR EFFORTLESS OPERATION

The T-handle ensures a seamless and effortless rotation



Easy Operating Handle



Labor-saving

EXCEPTIONAL DETAILS FOR OUTSTANDING RESULTS

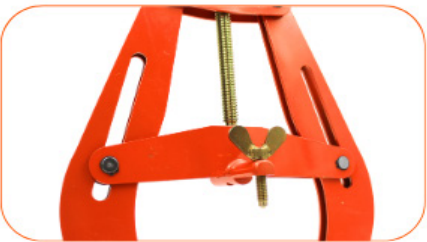
For secure and rapid alignment and assembly



Two Wide Grip Plates



Smooth Roller Clamp



Adjustment Screws

Constantly Pioneering: Crafting Tomorrow's Excellence, Today.

How to buy

Cougartron takes pride in its expansive and ever-growing presence across the international landscape, with a reach that extends to 120 countries. At the heart of our commitment to customers like you is a well-established network comprising over 200 dedicated, highly trained, and approved dealers and representatives.

Our global network is the backbone of our operations, designed to ensure that you have seamless access to our top-quality products and unwavering support precisely when you need it. Whether you are looking for our cutting-edge solutions or require assistance with technical queries, our extensive dealer and representative network is your direct connection to the Cougartron experience.

We've meticulously cultivated these partnerships to provide you with a localized touch and global reach. No matter where you are, you can count on Cougartron to be there, ready to meet your needs and exceed your expectations. We believe that your success is our success, and our international network is a testament to this commitment.

How to buy

Are you looking to purchase our products and need to get in touch?
We've got you covered! Right here, you'll find the dedicated Sales Representative for your region to ensure you get fast and efficient service!

Try before you buy? 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



MARK EDWARDS
Sales Director
Email: mark.e@cougartron.com
Phone: 0121 368 0097



FELIX HELLER
Sales Manager D/A/CH
Email: f.heller@cougartron.com
Phone: +49 176 36393899



DES HOLT
Sales Manager (North America)
Email: des.holt@cougartron.com
Phone: (865) 244-5219



MICHAEL RASMUSSEN
Key Account Manager
Email: m.rasmussen@cougartron.com
Phone: +45 3142 7699



NIKOLAJ PEDERSEN
Key Account Manager
Email: n.pedersen@cougartron.com
Phone: +45 3167 5292

Key market: USA & Canada
90+ Dealers
19 sales representatives

Key markets: Denmark,
Sweden & Norway
20+ Dealers
6 sales representatives

Key market: UK & Ireland
25+ Dealers
4 sales representatives

Key market: Germany,
Austria, Switzerland
10+ Dealers
3 sales representatives



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.

2507 E 21st Street

Des Moines, IA 50317

United States

Tel. +1 404-591-8920

sales.us@cougartron.com

www.cougartron.com