



WASHINGTON ALLOY CO.

TRUSTED QUALITY. UNDENIABLE PERFORMANCE. INDUSTRY HERITAGE

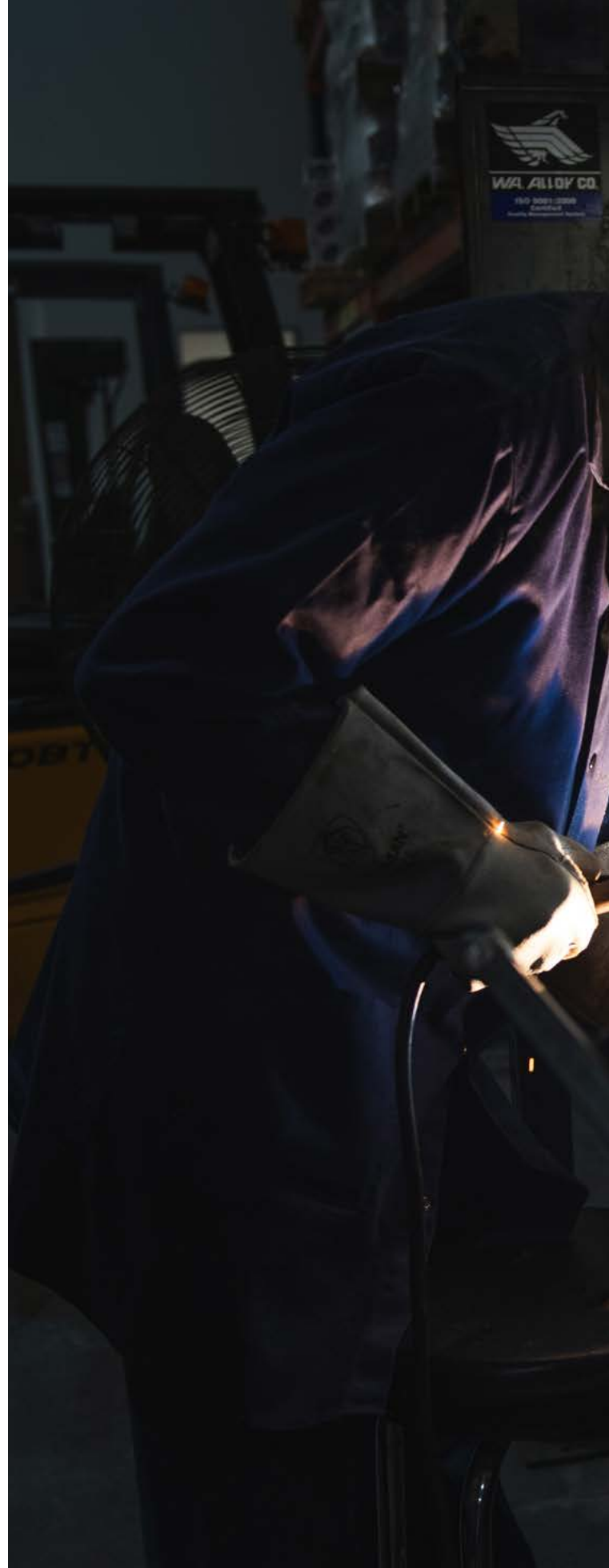


WHO WE ARE

Founded in 1983, Washington Alloy has expanded steadily over the past 30 years to meet the growing needs of our customers. WashingtonAlloy has grown to encompass five warehouse distribution centers strategically located throughout the United States. This enables us to deliver the highest quality products to our customers quickly and efficiently.

Washington Alloy Company has earned a reputation as one of the nation's leading wholesale distributors of quality welding consumables, filler metals, and accessories. From mild steel to highly specialized alloys, electrodes, rods, hard facing, and welding helmets – we deliver quality welding products to some of the industry's top distributors throughout the United States and overseas.

Washington Alloy Company is dedicated to providing our customers with the specialized services and high quality products they expect and deserve. We accomplish this through employee involvement, systematic problem solving and a commitment to continually improving our product lines and customer service procedures.





- 1983; **WASHINGTON ALLOY CO. FOUNDED** Leased 10,000 square foot warehouse - product line consisted only of Electrodes
- 1985; **PURCHASED 20,000 SQ FT WAREHOUSE IN PUYALLUP, WA** - expanded product line to include broader range of filler metals
- 1992; **OPENED CHARLOTTE, NC WAREHOUSE**
- 1995; **EXPANDED OPERATIONS** to HOUSTON, TX and IRWINDALE, CA
- 2003; **BUILT NEW WAREHOUSE** and home office in Rancho Cucamonga, CA
- 2009; **AWARDED ISO 9001 QUALITY MANAGEMENT CERTIFICATION**
- 2013; **INTRODUCED EAGLE-ARC FLUX CORED WIRE LINE**
- 2016; **IMPLEMENTED NEW ERP SOFTWARE SYSTEM** - Expanded to Portland, OR
- 2019; **PURCHASED 50,000 SQ FT WAREHOUSE** in Lowell, NC
- 2020; **OPENED AVON, MA Warehouse** and sales office
- 2021; **EXPANDED TO 50,000 SQ FT Warehouse** in Houston, TX





TRUSTED QUALITY ISO 9001 CERTIFIED

Our total commitment to quality is a factor that sets us apart. Washington Alloy has achieved ISO 9001 certification – ensuring we uphold the highest standards of quality in our products, procedures, processes, and services. Washington Alloy products are tested and specially formulated to meet the rigorous demands of our customers. Our goal has been, and always will be, to provide premium and reliable product solutions specifically designed for optimum performance within the welding and fabrication industries across the nation.





UNDENIABLE PERFORMANCE IT STARTS WITH MANUFACTURING

Washington Alloy's line of proprietary products are specially formulated and developed to improve performance and increase efficiency. These are values that we believe any fabricator can get behind. But great performance doesn't come easy. Washington Alloy places major emphasis on utilizing the best raw materials available from tried and true, trusted suppliers. Our unwavering commitment to quality doesn't stop there. Our team of in-house pros spend hours in the welding lab testing and collaborating with end-users to continuously perfect each and every product to ensure they live up to our customer's high demands.





INDUSTRY HERITAGE

SERVING THE WELDING INDUSTRY FOR OVER 38 YEARS

Reputation doesn't come easy. It takes hard work and a relentless thirst to succeed. Most importantly, it takes years and years of doing the right thing to build respect and trust. 38 years ago, Washington Alloy entered the market by offering a proprietary line of welding electrodes that quickly gained popularity throughout the industry. Since then, we have implemented the same strict practices across our full line to deliver great products that flat-out perform. Paired with top level customer service, 95% fulfillment rate, same-day shipping and vast product line, Washington Alloy has become a trusted name in the welding Industry across the globe.





PRODUCTS

MIG & TIG WIRES/RODS (p. 7-8)

FLUX CORED WIRE (p. 9-10)

ELECTRODES (p. 11-12)

TUNGSTEN (p. 13)

GOUGING CARBONS (p. 14)

HELMETS & Lenses (p. 15-16)

ACCESSORIES (p.17-18)



MIG | TIG

We pride ourselves in offering premium MIG/TIG filler metals in a vast variety of sizes and applications with one simple goal in mind. Getting the job done.

Washington Alloy filler metals are manufactured with strict QA guidelines to ensure the highest quality performance that you can depend on time after time. Stocked with over 3,000 variations of product you can bet we have the metal needed for any job.

Scan QR below to learn more about our line of filler metals

*Products listed are most common grades. Other grades are available, please contact us to learn more.



MIG



AVAILABLE PRODUCTS

MILD STEEL

ER70S-2
ER70S-3
ER70S-6

LOW ALLOY / HIGH STRENGTH

ER70S-A1
ER70S-B2L
ER80S-B2 (515)
ER80S-B3L
ER80S-B6
ER80S-D2
ER80S-Ni1
ER80S-Ni2
ER80S-W
ER90S-B3
ER90S-B9
ER100S-1
ER110S-1
ER120S-1

STAINLESS STEEL

ER218
253MA
ER2209
ER2594
ER307
ER307Si
ER308/308L
ER308LSi
ER309/309L
ER309LSi
ER310
ER312
ER316/316L
ER316LSi
ER320LR
AISI 321
ER347
ER385 (904L)
ER409CB
ER410
ER410NiMo
ER420
ER430
ER630 (17-4 PH)

CHROME MOLY

4130
4140

TITANIUM

ERTi-1
ERTi-2
ERTi-5

ALUMINUM

ER1100
ER2319
ER4043
ER4047
ER4943
ER5183
ER5356
ER5554
ER5556

COPPER ALLOY

Alloy 67 (ERCuNi)
Aluminum Bronze A1 (ERCuAl-A1)
Aluminum Bronze A2 (ERCuAl-A2)
Aluminum Bronze A3 (ERCuAl-A3)
Deox Copper (ERCu)
Manganese Nickel Aluminum Bronze (ERCuMnNiAl)
Nickel Aluminum Bronze (ERCuNiAl)
Phos-Bronze A (ERCuSn-A)
Phos-Bronze C (ERCuSn-C)
Silicon Bronze (ERCuSi-A)

NICKEL ALLOY

59 (ERNiCrMo-13)
60 (ERNiCu-7)
61 (ERNi-1)
617 (ERNiCrCoMo-1)
62 (ERNiCrFe-5)
625 (ERNiCrMo-3)
65 (ERNiFeCr-1)
67 (ERCuNi)
718 (ERNiFeCr-2)
82 (ERNiCr-3)
C22 (ERNiCrMo-10)
C276 (ERNiCrMo-7)
C4 (ERNiCrMo-7)
W (ERNiMo-3)
X (ERNiCrMo-2)

CAST IRON

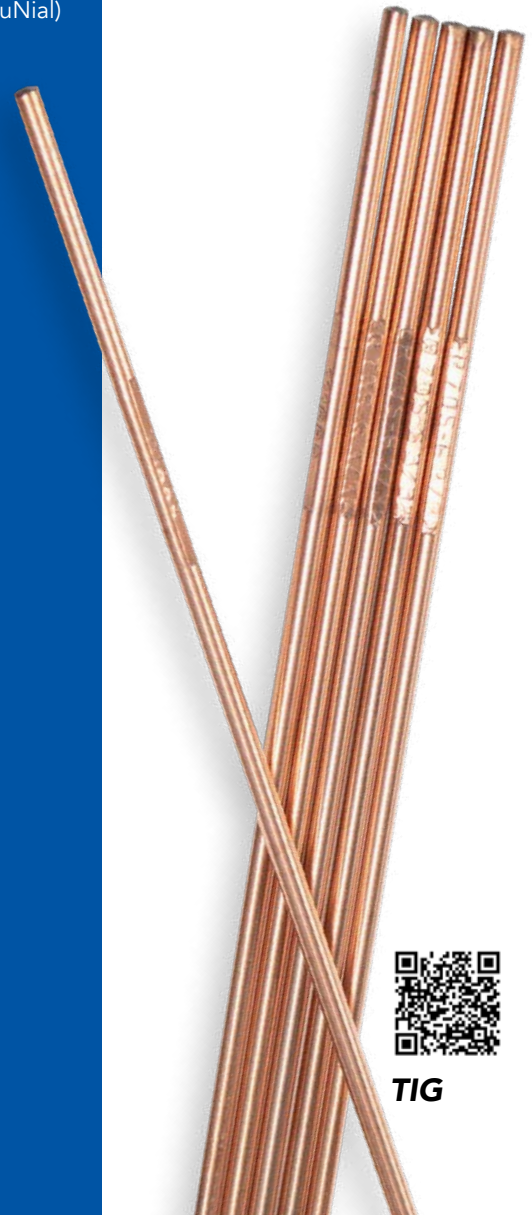
55 (ERNiFe-CI)
99 (ERNi-Ci)

TOOL STEEL

AH-2
H-12
H-13
P-20
D-2

MAINTENANCE & REPAIR

AZ61A (Magnesium)
AZ92A (Magnesium)
Tensileweld



TIG



FLUX CORED

In a league of its own, Washington Alloy Flux Cored Wire offers exceptional performance, reliability, and versatility at a price offering that can't be beat.

With extraordinary operator appeal our line of flux cored wires deliver big with unmatched performance, low smoke/fume, low spatter, good travel speed and great penetration. Simply put... a must have for any fabricator.

Scan QR below to learn more about our line of flux cored products

*Products listed are most common grades. Other grades are available, please contact us to learn more.





AVAILABLE PRODUCTS

MILD STEEL

Eagle-Arc 719 (E71T-1C/1M, 9/9M, H8)
SuperFlow 71 (E71T-1C/1M, 9C/9M, H8)
E70C-6M
E70T-1
E71T-11 (self-shielding)
E71T-GS (self-shielding)

LOW ALLOY / HIGH STRENGTH

E81T1-B2
E81T1-Ni1
E81T1-Ni2
E81T1-W
E91T1-B3
E91T1-K2
E110T1-K3
E110T5-K4
E111T1-K3

STAINLESS STEEL

E2209T1-1/-4
E2594T1-1/-4
E308LT0-1/-4 (Flat/Horizontal)
E308LT1-1/-4 (All Position)
E308LT-3 (Self Shielding)
E309LT0-1/-4 (Flat/Horizontal)
E309LT1-1/-4
E309LT-3 (Self Shielding)
E310T0-1/-4
E312T1-1/-4
E316LT0-1/-4 (Flat/Horizontal)
E316LT1-1/4 (All Position)
E316LT-3 (Self Shielding)
E317LT1-1/-4
E347LT1-1/-4
E409T0-1
E410NiMoT1-1/-4

NICKEL ALLOY

625 Flux Cored (ENiCrMo3T1-1/-4)
82 Flux Cored (ENiCr3T1-1/-4)
C276 Flux Cored (ENiCrMo4T1-1/-4)

Hardface

Build-up
Chrome-Carbide
Complex Carbide
Nickel-Manganese
General Purpose
Cobalt



WELDING ELECTRODES

Washington Alloy offers a wide range of welding electrodes to cover any job. Whether you are tackling repair projects, structural steel welding, heavy pipe welding, or rig welding, our electrodes have been trusted in the industry for decades at a price that can't be beat.

Scan the QR code below for more info on specific welding electrodes

*Products listed are most common grades. Other grades are available, please contact us to learn more.



AVAILABLE PRODUCTS

MILD STEEL

E6010
E6011
E6012
E6013
E6022
E6027
E7010-A1
E7014
E7016
E7018
E7018 H4R
E7018-1
E7018-A1
E7018-AC
E7024
E7028
E7048

STAINLESS STEEL

E2209-16
E2594-16
E307-15 / E307-16
E308/308H-16
E308L-15 / E308L-17
E308L-16
E309/309H-16
E309L-15 / E309L-17
E309L-16
E309LMo-16
E310-16
E312-16
E316/316H-16
E316L-15 / E316L-17
E316L-16
E317L-16
E320LR-16
E330-16
E347-16
E385-16 (904L)
E410-16
E410NiMo-16
E430-16
E630-16 (17-4 PH)

ALUMINUM

E4043

LOW ALLOY / HIGH STRENGTH

E11018M
E12018M
E8016-C1
E8018-B2
E8018-B6
E8018-B8
E8018-C1
E8018-C3

LOW ALLOY (CONTINUED)

E9018M
E9015-B9
E9018-B3
E9018-B9

NICKEL ALLOY

Ni-112 (ENiCrMo-3)
Ni-117 (ENiCrCoMo-1)
Ni-132 (ENiCrFe-1)
Ni-141 (ENi-1)
Ni-182 (ENiCrFe-3)
Ni-187 (ECuNi)
Ni-190 (ENiCu-7)
Ni-A (ENiCrFe-2)

CAST IRON

Ni-55 (ENiFe-CI)
Ni-99 (ENi-CI)
EST

SPECIAL PURPOSE

Chamfer Rod
Cut Rod
Tensileweld

GOUGING CARBONS

Pointed Copper Coated Carbons
Flat Copper Coated Carbons
Hollow Copper-Coated Carbons
Jointed Copper-Coated Carbons

COPPER ALLOY

Phos-Bronze A (ECuSn-A)
Phos-Bronze C (ECuSn-C)
Rainier 3A
Rainier 40 (ECuMnNiAl)
Rainier 46 (ECuNiAl)
Rainier 4A (ECu)
Rainier 5A (ECuAl-A2)
Rainier 6A (ECuSi)

HARDFACE

Buildup 300
Hardface 700
Everwear 800
Manganese 900
Ni-Mang 14
Cr-Carb 60
Cobalt-1
Cobalt-6
Cobalt-12
Cobalt-21

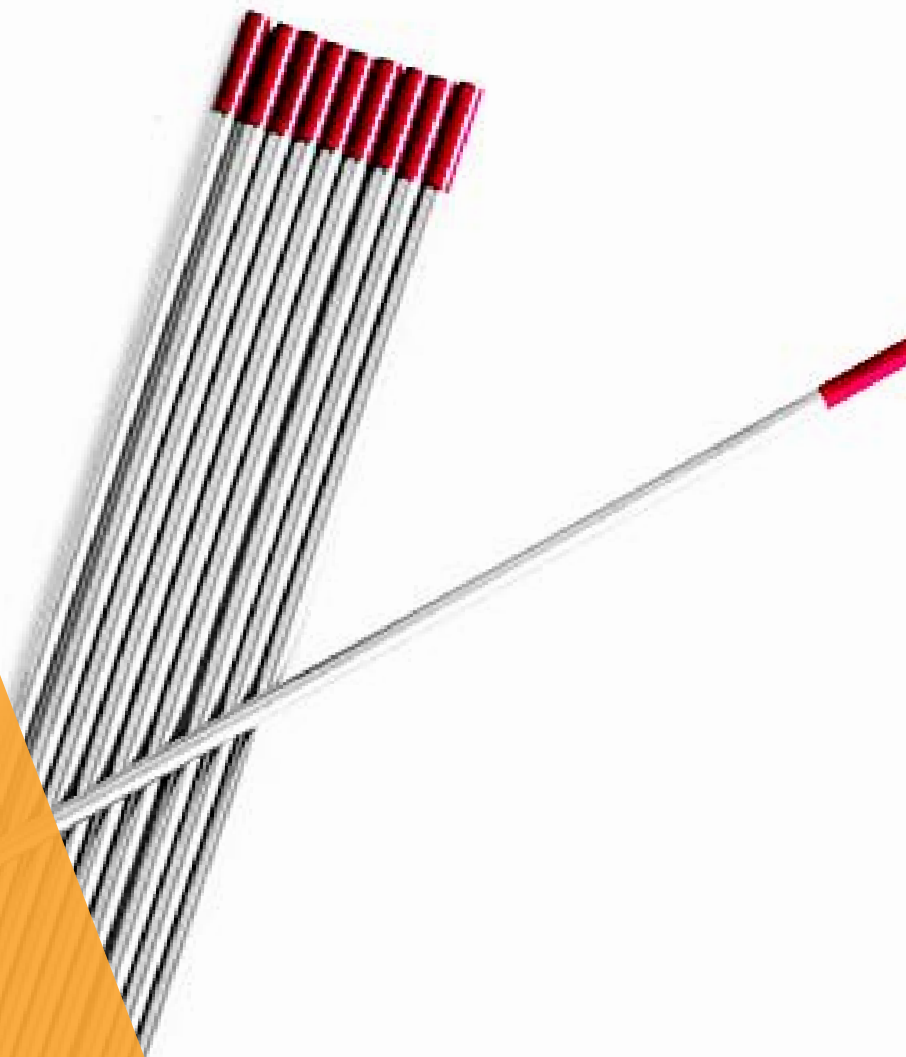


TUNGSTEN ELECTRODES

Offering better control and stability, Washington Alloy Tungsten Electrodes are methodically manufactured with application in mind. This line gives the fabricator full control knowing they have access to the perfect product for their project(s).

Scan QR below to learn more about our line of tungsten

*Products listed are most common grades. Other grades are available, please contact us to learn more.



AVAILABLE PRODUCTS TUNGSTEN

- 2% Thoriated (EWTH-1)
- Rare Earth (EWG)
- 2% Ceriated (EWCE-2)
- 1.5% Lanthanum (EWLA-1.5)
- 2% Lanthanum (EWLA-2)
- Pure (EWP)
- 0.3% Zirconated (EWZR-1)
- 0.8% Zirconated (EWZR-8)





AVAILABLE PRODUCTS

Pointed Copper Coated Carbons
Flat Copper Coated Carbons
Hollow Copper-Coated Carbons
Jointed Copper-Coated Carbons

GOUGING CARBONS

Washington Alloy Copper-Coated Arc Gouging Carbons have a special balance of carbon and graphite covered with a thin high-purity copper coating. High density, uniform properties and dimensions produce excellent arc stability and slag-free gouges. Copper-Coated Arc Gouging Carbons are designed for cutting and gouging metals such as carbon steel, stainless steel, copper, aluminum, and some high temperature alloys.

Scan QR below to learn more about our line of Gouging Carbons



*Products listed are most common grades. Other grades are available, please contact us to learn more.



HELMETS

Packed with leading-edge features such as “True Color” for clearer perception of the weld zone, user-friendly controls, fully adjustable headgear, and a sleek light-weight shell, all add up to a line of helmets even the best of fabricators can depend on

Scan QR below for more info on accessories and parts



H800D-TC XL True Color Helmet



H800D-TC Helmet (digital/analog)



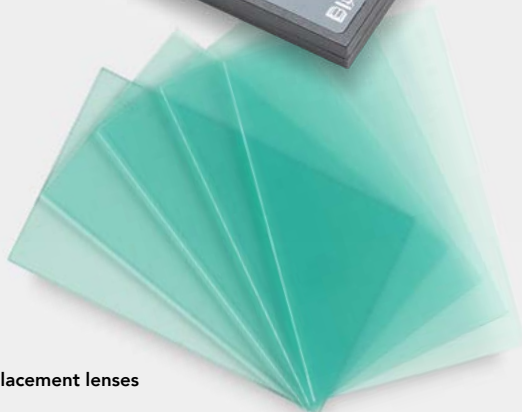


H700 Helmet

Replacement cartridge - digital



Replacement lenses



AVAILABLE PRODUCTS

SAFETY EQUIPMENT AND PARTS

- Replacement Headgear
- Hardhat Adapter
- Outer Cover Lens
- Inner Cover Lens
- Replacement Batteries
- Retainer Kit



ACCESSORIES

It's no secret that great products can help fabricators increase the production and quality of their work. Protective gear and accessories are no exception. That's why we verify the quality of each and every accessory in our product line to ensure they offer the protection and performance needed for even the most seasoned fabricators.

From carts to clamps, wire brushes, rod ovens and chemicals let Washington Alloy help you with your customer's needs.

Scan QR below for more info on accessories and parts



*Products listed are most common grades.
Other grades are available, please contact us to learn more.





AVAILABLE PRODUCTS

CHEMICALS

- Aerosol Anti-Spatter 16oz
- Cooling Fluid 1 gal.
- Premium Tip Dip - Nozzle Dip

SOAP STONE & HOLDERS

- Soap Stone Crayon (Flat, round, square)
- Soap Stone Holder – round
- Soap Stone Holder – Flat

TOOLS AND CONNECTORS

- 1000 Amp Arc Gouging Torch
- Argon Hose
- EHT SERIES Electrode Holders
- EHL SERIES Electrode Holders
- EHJ SERIES Electrode Holders
- CGT SERIES Ground Clamp
- GCJ SERIES Ground Clamp
- GL SERIES Ground Clamp
- C CLAMP Brass Ground Clamp
- Twist Lock Cable Connectors
- Cable Lugs – hammer on
- Cable Lugs – Crimp on
- Panel Lugs – Twist Lock
- Chipping hammers
- Ground clamps
- Gauges
- Twin Welding Hose
- Angle Magnet
- Magnetic Ground Clamp
- Spark Stick
- Electronic Spark Lighter
- Pliers
- Single Flint Striker
- Triple Flint Striker
- Tank Wrench
- Tip Cleaners
- Wire Brushes

CARTS

- MIG/ Plasma Carts
- Cylinder Carts





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