



WELDING MARKETPLACE

Products, Services, and Technology for the Welding and Metal Fabricating Industries

January 2021





COR-MET QWP Flux Coated TIG Wire

Eliminate the need for gas purging and backing for TIG pipe welding. The QWP Flux Coated TIG rod forms a slag on the backside of the pipe protecting the weld from oxidation (sugaring)

Grades available

308H, 308L, 309L, 316L, 347, 2209,
16-8-2, B2, B6, B8, B91, 82, and 625.

Available in 3/32" and
1/8" diameters.

Call for special
chemistry and diameter requests.



**Providing The Highest Quality in Specialty Cored Wire
Coated Welding Electrodes • Tool Steel MIG & TIG**

COR-MET.COM • 800.848.2719

SPEED UP YOUR PRODUCTION LINE!

with the

TCS-FP

TORCH CLEANING STATION

A full package robotic torch maintenance station with a single-point connector system for true plug-and-play.



Learn more about the TCS - FP:
www.binzel-abicor.com



**AMERICAN WELDEQUIP BREATH-CLEAN
PAPR POWERED AIR PURIFYING RESPIRATORS**

- Light Weight and Comfortable.
- Adjustable 3 Level Air Flow Control.
- Continuous Filtered Purified Air Flow.
- Warning for Low Battery, Low Air Flow.
- Large 3.25" x 4" ADF Auto Darkening Lens.
- Weld Shade Adjustable from #3 to #13.
- Grind Function.
- Padded Belt and Shoulder Straps.
- CE, NIOSH Certified.
- Supplied With Two Lithium-Ion Batteries.
- 8 Hours Life From Each Battery.



Providing Welding Professionals
SERVICE · QUALITY · SOLUTIONS Since 1987

For more information - see us at www.weldquip.com or contact your local American Weldquip distributor



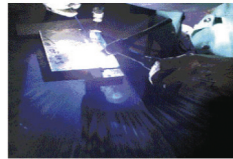
1. Mix



2. Apply



3. Weld



**Weld Stainless
Without Purging**

It's as simple as 1, 2, 3
when you weld with.....



Factory:
North Carolina: (252) 808-3511
Fax: (252) 808-3711
Office:
California: (424) 645-8845
Email: eaw.solarflux@gmail.com
Website: www.solarflux.com

Golden Empire Corporation
P.O. Box 9145 • Calabasas, CA 91372
Technical Assistance Hot Line Available Monday thru Friday 9:00 AM - 5:00 PM EST

2% Thoriated Has Not Been Discontinued

2% Thoriated has been the standard in the welding industry for decades due to its low work function and high load and amperage capability. Lately, some tungsten suppliers will have you believe it won't be around much longer. That simply isn't true. The Tungsten Electrode Experts at DGP have 2% Thoriated in stock and ready to ship same day, with no end in sight. Looking for alternatives? We have many, including our new DGP Tri-Mix tungsten blend that offers better performance and significant savings over OEM Tri-Mix electrodes. Call today for a free sample or for any tungsten-related questions.



Diamond Ground Products, Inc.
(805) 498-3837
diamondground.com

Arc Saber Storage Protects Your Tungsten

The Arc Saber is a quality storage container designed to protect your tungsten welding electrodes. Great for your tool box or work table, it holds up to 19 1/8-in. (3.2-mm) tungsten electrodes. The Arc Saber tungsten storage container features:

- High-impact polyethylene and HDPLA plus plastic
 - 12.5 lbs pull rated Neodymium (rare-earth) magnet located in the base
 - Threaded on cap with o-ring seal
 - Wood strip to minimize atmosphere and moisture contamination.
 - Quick reference stickers for taper and size
- Our entire selection is available to ship same day at DiamondGround.com or call us to learn more.



Diamond Ground Products, Inc.
(805) 498-3837
diamondground.com

Get DGP Tri-Mix at Up To 70% Off OEM Pricing

DGP has carried nonradioactive Tri-Mix as an alternative to 2% Thoriated for over 20 years. The three-oxide blend offers many benefits including extended life, excellent arc starting and quality arc. With these advantages, Tri-Mix also came at a premium price...until now. DGP now offers our own brand of Tri-Mix that has all the benefits of the OEM brand with up to 60% savings off the price. Don't take our word for it though, call 805-498-3837 for a free sample you can test today!



Diamond Ground Products, Inc.
(805) 498-3837
diamondground.com

Pre-Ground Welding Electrodes

DGP has been known as "The Tungsten Electrode Experts" since 1992, when we first started manufacturing pre-ground tungsten electrodes with a goal to increase weld quality and productivity with electrodes precision ground or polished to the strictest tolerances. The benefits of DGP pre-ground electrodes include

- Reduced arc wander
 - Consistent arc shape
 - Superior arc starting
 - Longer electrode life
 - Elimination of tungsten inclusions
- We offer FREE samples of pre-ground tungsten electrodes and a FREE tungsten preparation guide.



Diamond Ground Products, Inc.
(805) 498-3837
diamondground.com

Is the Piranha III The Best Tungsten Grinder on the Market

The short answer is yes. The Piranha III tungsten electrode grinder is the best selling grinder on the market and offers:

- Longitudinal diamond grinding, flattening and notch cutting for tungsten electrode diameters .040" to 3/16"
- Included angle range from 10° to 60°
- Enclosed grinding area
- Integrated receptacle area for ease of handling electrodes
- Sliding dust shield for 100% dust containment

If you're in the market for a tungsten grinder or are interested in finding out the benefits of having a dedicated tungsten grinder, contact DGP today.



Diamond Ground Products, Inc.
(805) 498-3837
diamondground.com

Top Quality Tungsten. Lowest Prices. Same Day Shipping from Stock!

The Tungsten Electrode Experts at DGP have been on the cutting edge of tungsten technology since 1992. We offer the largest selection of tungsten electrodes in the welding industry from stock and ready to ship same day. We pride ourselves on offering top-quality products and exceptional customer service. We're so confident in our quality, we also offer free samples. Call today!





Diamond Ground Products, Inc.
(805) 498-3837
diamondground.com

WONDER GEL

Stainless Steel Pickling Gel



Achieve maximum corrosion resistance to stainless steel. Surface contamination may drastically reduce the life of stainless steel. Bradford Derustit Pickling Product removes (**pickles**) stubborn impurities, cleans the toughest slag, scale and heat discoloration and restores (**passivates**) the protective oxide layer.  nsfwhitebook.org





PO Box 1194 | Yorba Linda, CA 92885-1194
Int'l ph: 714.695.0899 • Int'l fax: 714.695.0840
sales@derustit.com • www.derustit.com

Measure ferrite content of weld seams with the FERITSCOPE® FMP 30!

- Measurement range 0.1 to 80% Fe or 0.1 to 110 FN
- Supplied with full range ferrite standard set
- Austenitic and duplex steel

Contact us today!
Fischer Technology Inc.
860.683.0781
www.fischer-technology.com
info@fischer-technology.com





FLEXOVIT®

ABRASIVE PRODUCTS FOR THE PROFESSIONAL

ABRASIVES FOR CORDLESS TOOLS



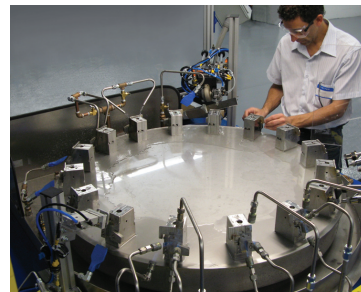


CUT THE CORD

1-800-689-3539
flexovitabrasives.com

Turnkey Brazing Machines

Automate your brazing application with Fusion Machines. Rotary Indexing and fixed station "Braze Mate" styles matched to your production. Machines are complemented by a complete line of paste braze filler metals and dispensers. Feasibility testing also available. Fusion Brazing Machines: All you need from One Source!





Fusion Inc.
(800) 626-9501
(440) 946-3300
fusion-inc.com

NEW Purge Monitor

Accurate and portable measurements are obtained through the Pro²-Mini. This unit displays in parts per million, which is necessary as precision welding is done at levels below 50 parts per million. These units are in stock and available online.



Intercon Enterprises Inc.
(800) 665-6655
FAX: (604) 946-5340
sales@intercon1978.com
intercon1978.com/interpurge-products/purge-monitors/purge-monitors

Purge in 2 Minutes!

InterPurge pipe purging equipment guarantees quick 2-3 minute purge times of any size pipe to levels below 50 ppm (parts per million rest oxygen). 3 kits as well as individual units are available for most pipe and tubing applications from 1/2 to 72 in. +. In stock and available online.



Intercon Enterprises Inc.
(800) 665-6655
FAX: (604) 946-5340
sales@intercon1978.com
intercon1978.com/interpurge-products/complete-purging-units/purge-kits



**MICHIGAN
PNEUMATIC TOOL**
Industrial Air Tools

Your Pneumatic Tool Source

G-Series – Die Grinders and Belt Sanders

11 Models Available

- Lightweight and durable metal construction
- 12,000 to 25,000 rpm

**.3 to .9
HP**



9500 Series – Angle, Straight, Die, Cone and Belt Grinders

Over 100 Models Available

- Heavy-duty steel construction
- Interchangeable consumable parts for minimal downtime
- 11,500 to 25,000 rpm

**.95
HP**



1500 Series – Die, Wheel and Cone Grinders

21 Models Available

- Heavy-duty steel construction
- Governed motors for continuous productivity
- 9000 to 18,000 rpm

**1.5
HP**



2300 Series – Angle Grinders and Sanders

36 Models Available

- Heavy-duty with ergonomic features
- Governed motors for continuous productivity
- 4" to 6" Type 27 capacity grinders and 5" sanders
- 7500 to 13,500 rpm

**2.3
HP**



Heavy-Duty Vertical, Horizontal and Cup Grinders

12 Models Available

- Governed motors for continuous productivity
- 6" and 8" Type 1, 7" and 9" Type 27 threaded hub and 6" cup wheels
- 4500 and 6000 rpm

**3&4
HP**



Needle Scalers and Weld Flux Chippers

33 Models Available

- Heavy-duty steel construction
- Powerful pistol and straight needle scalars



1-800-521-8104

www.michiganpneumatic.com

Cleaner, Smoother, Faster Plasma Cutting
brought to you by **Motor Guard**

Improved Plasma Cutting

Contaminants in your compressed air system — dust, scale, condensed moisture and oil mist — seriously affect the quality of your plasma cuts. Installation of a MotorGuard sub-micronic air filter on your plasma machine will effectively remove these contaminants; eliminating arc-spatter and producing cleaner, faster, smoother cuts. Motor Guard filters virtually pay for themselves by reducing wear and prolonging the life of expensive tips and electrodes. Ask your welding equipment supplier for a Motor Guard Filter today.



Motor Guard Corporation
(800) 227-2822
FAX: (800) 237-7581
info@motorguard.com
motorguardplasma.com



TRIANGLE ENGINEERING, INC.
Services for the Welding Industry

Super Savings with the Monster Coupon

Our 2-3/4" O.D. x 5/8" wall A106B Welder Qualification coupon can save 80% labor and materials utilizing the ASME Section IX Code. The Monster Coupon will qualify for unlimited thickness and diameters as small as 1" O.D. using two weld processes.

12 Piece boxes available to ship same day on orders received by 12PM EST.

Visit our online store at www.trieng.com

6 Industrial Way
Hanover, MA 02339
(781)878-1500
info@trieng.com



1. Mix



2. Apply



3. Weld

Weld Stainless Without Purging

It's as simple as 1, 2, 3 when you weld with.....



Factory:
North Carolina: (252) 808-3511
Fax: (252) 808-3711
Office:
California: (424) 645-8845
Email: eaw.solarflux@gmail.com
Website: www.solarflux.com

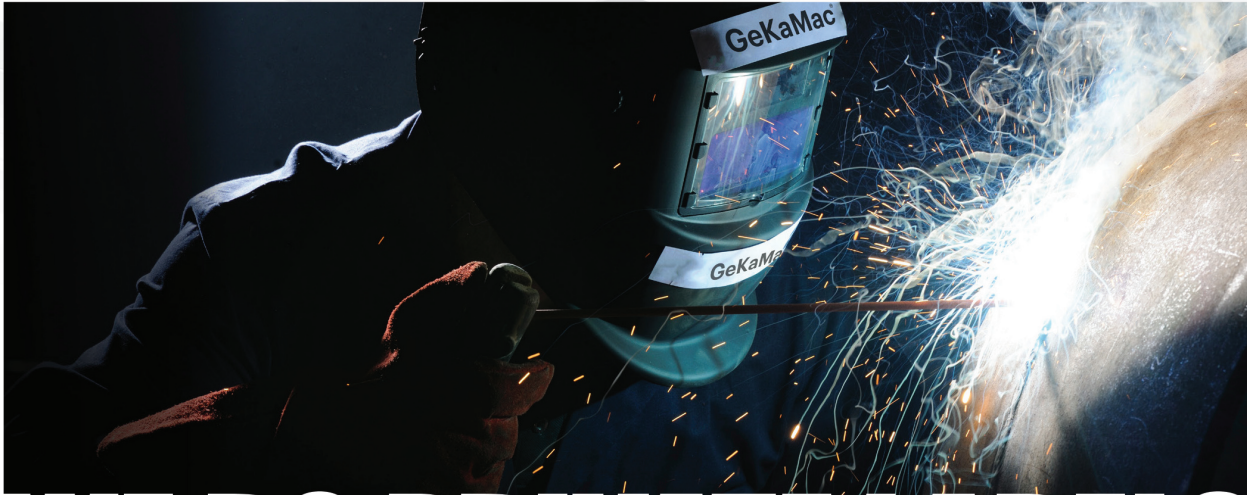
Golden Empire Corporation
P.O. Box 9145 • Calabasas, CA 91372
Technical Assistance Hot Line Available Monday thru Friday 9:00 AM - 5:00 PM EST



Gedik Welding

Since 1963...

Joining For Life

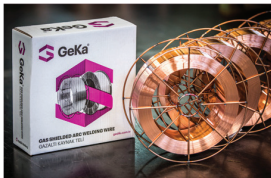


WE DO PRIVATE LABELS



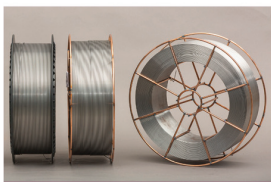
WELDING ELECTRODES

- Rutile • Cellulosic • Low Hydrogen • Low Alloyed & High Strength • Heat Resisting
- Stainless Steel • Hardfacing • Cast Iron • Nickel Based • Cutting & Gouging



GAS SHIELDED ARC WELDING WIRES & RODS

- Unalloyed • Heat Resistant • High Strength • Weather Resistant • Stainless Steel
- Aluminium Alloyed • Copper Based • Gas Welding



FLUX CORED WELDING WIRES

- Unalloyed & Low Alloyed • Low Alloyed High Strength
- Weather Resistant • Heat Resistant • Stainless Steel • SAW



SUBMERGED ARC WELDING WIRES & FLUXES

- Unalloyed SAW Wires • Low Alloyed & High Strength SAW Wires
- Stainless Steel SAW Wires • SAW Fluxes For Joining
- SAW Fluxes For Hardfacing • SAW Fluxes For Stainless Steel



WELDING MACHINES

- MMA • TIG • MIG/MAG • Plasma Cutting • SAW Welding Machine



"CUSTOMER BUILT. CUSTOMER FOCUSED"

ACS is a COMPLETE solutions provider for the Thermal Spray Industry. Representing some of the best manufacture brands in the industry.

We are a one stop shop offering the highest quality products, from new spray systems through diamond abrasives to final NDT Materials.

HVOF SPRAY GUNS AND SPARE PARTS

XPOJET 5000

MJP-8000

XPOJET 6000

HIPOJET 2700 SERIES

Complete Thermal Spray Coating SYSTEMS for all applications. HVOF (Gas & Liquid Fueled) SPRAY GUNS and SPARE PARTS for most popular brands.

POWDERS

A wide range of POWDERS to include Tungsten, Nickel, Cobalt, and Iron bases

MASKING MATERIALS

High Performance MASKING MATERIALS

SUPER-ABRASIVES

Diamond & CBN. Flap Wheels, Discs, Spiral Bands, Belts, Hand Pads, Flap Discs, Grinding Wheels

NDT PRODUCTS

Liquid Dye Penetrants, Magnetic Particle and Related INSPECTION MATERIALS

AlloyCoatingSupply.com
(281) 528-0980



STOP STOPPAGE — STEP UP SAFETY

Industry has long been aware of the dangers of unguarded rotating assemblies yet has allowed thousands of them to operate on plant floors posing risks to employees, equipment, and work in progress. Caster Master now offers the solution to the common everyday issues caused by wheels rolling or, more accurately, stopping suddenly on facility floors with their patented Path Pro® Wheel Guards.

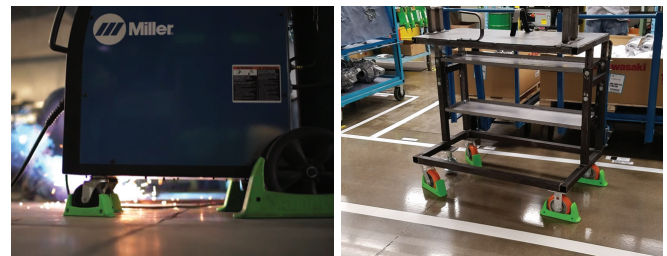
Every business, no matter how organized, has or will experience these issues with varying degrees of frequency.

FOD

Whether as a byproduct of the process itself, a simple slip of the hand, or any other unintended source, foreign objects commonly find their way into the wheels' path. The costs associated with this sudden stop can range from the waste of time removing the object and redirecting the cart to the cart tipping and losing its payload, and even personal injury should the cart or load strike the operator or bystanders.

CORDS / HOSES

From welders to lab equipment, many appliances require cords and/or hoses to perform their intended operation. Without wheel guarding, it takes painstaking time to manage these lines running to and from the equipment to avoid the sudden stoppage previously mentioned as well as damage to the cord or hose itself.



FEET

The scenario of a wheel / foot collision may be the one instance where you hope for sudden wheel stoppage — unless of course you're on the receiving end of the displaced cargo. No one wants to see the results of a 10-in. wheel carrying its share of a 2-ton load rolling over a human foot, not to mention the costs associated with such an injury.

Path Pro® Wheel Guards safely and economically clear the wheels' path of cords and other obstructions resulting in safer, smoother processes for your business.

*Made in the USA

*100% Satisfaction Guaranteed



(308) 550-0151
thecastermaster.com



MACHINE PRODUCTS CORPORATION
Supplier of Fluid Flow Monitoring Equipment



“THE EYES HAVE IT”

Machine Product Corporation
5660 Webster Street
Dayton, Ohio 45414
(937) 890-6600
Fax: (937) 890-1916
sales@mpcdayton.com

The ideal way to monitor flow.



Visual Flow Indicator

Heavy Duty • Long Life • Inline mount

Stock Delivery
Low Cost
High Visibility
Panel Mount Ready
Five Sizes 1/4" - 1" NPT

Solid Brass Body
Rating: Maximum 150 PSI / 120o F
Self Cleaning
Lexan® Lens / Buna-N Seals

www.VisualFlowIndicator.com

INDEX

Abicor Binzel3 abicorusa.com(301) 846-4196	Intercon Enterprises, Inc.6 intercon1978.com.....(800) 665-6655
Alloy Coating9 alloycoatingsupply.com(281) 528-0980	Machine Product Corporation10 visualflowindicator.com(937) 890-6600
American Weldquip4 weldquip.com(800) 949-9353	Michigan Pneumatic Tool7 michiganpneumatic.com.....(800) 521-8104
Bradford Derustit Corp.6 derustit.com(714) 695-0899	Motor Guard Corp.7 motorguardplasma.com.....(800) 227-2822
Bug-O Systems4 bugo.com.....(800) 245-3186	Select Arc, Inc.IBC select-arc.com.....(800) 341-5215
Cor-Met4, IFC cor-met.com(800) 848-2719	Solar Flux4, 7 solarflux.com(424) 645-8845
Diamond Ground Products, Inc.5 diamondground.com(805) 498-3837	The Caster Master.....9 info@thecastermaster.com(308) 550-0151
Fischer Technology6 fischer-technology.com(860) 683-0781	Triangle Engineering, Inc.....7 trieng.com(781) 878-1500
Flexovit Abrasives6 flexovitabrasives.com(800) 689-3539	Voestalpine Bohler Welding USA, Inc.4 voestalpine.com/welding(800) 527-0791
Fusion, Inc.6 fusion-inc.com(800) 626-9501	Weld EngineeringOBC weldengineering.com(508) 842-2224
Gedik Welding.....8 gedikwelding.com(800) 536-0790	

BUY THE BEST



SelectAlloy 308L – Horizontal

BUY AMERICAN

PROUDLY MADE IN
AMERICA 

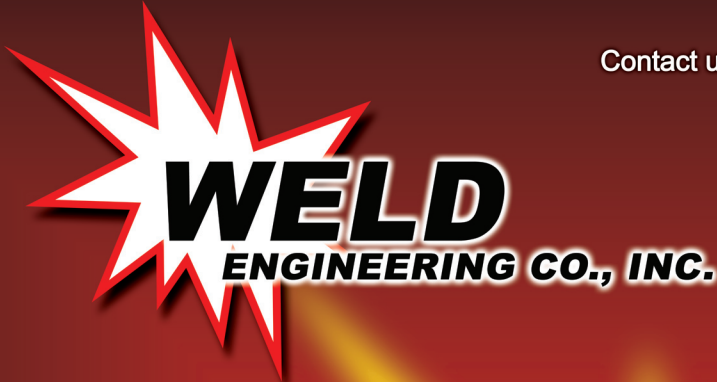
SelectAlloy 308L-AP – Vertical Up



Ask your local distributor for
SelectAlloy flux cored stainless products.

800-341-5215 | www.select-arc.com

"WORLD LEADERS IN SUBMERGED ARC FLUX HANDLING EQUIPMENT"



Contact us for your Submerged Arc Flux Handling solutions.

Phone: (508) 842-2224

Fax: (508) 842-3893

Email: sales@weldengineering.com

To View All Our Equipment Go To:

www.WeldEngineering.com

AIR POWERED
STANDARD
DUTY FLUX
RECOVERY
EQUIPMENT



AP-1

ELECTRIC AND
AIR TRACTOR
FLUX RECOVERY
EQUIPMENT



ALT-2



HTS-700-850° OVEN



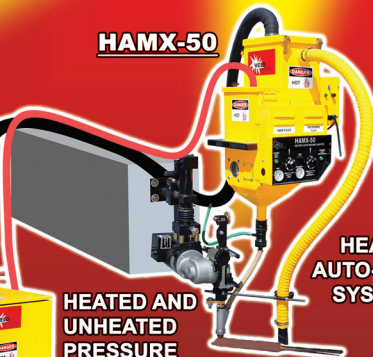
FULL LINE
OF FLUX
REBAKE
OVENS

AS-4



ELECTRIC
STANDARD
DUTY FLUX
RECOVERY
EQUIPMENT

HAMX-50



HEATED
AUTO-MIXING
SYSTEMS

MM-3000X



HPT-100



HEATED AND
UNHEATED
PRESSURE
FEED SYSTEMS

MM-5000X



HEATED AND
UNHEATED PRESSURE
FEED AND RECOVERY
SYSTEMS

EXTREME
HEAVY DUTY
VACUUMS

COMPLETE PIPE MILL
FLUX HANDLING
SYSTEMS

HPFR-3000-H100/H200

SAVE FLUX, SAVE MONEY, SAVE THE EARTH.