

The background of the entire page is a stylized American flag. The stars and stripes are rendered in a dark, almost black color, giving it a high-contrast, industrial appearance. The stripes are vertical, and the stars are arranged in a grid pattern.

DYNAFLUX

QUALITY PRODUCTS

PRODUCT CATALOG

Dynaflux is a global supplier of welding equipment. A leader in chemical manufacturing since 1972, Dynaflux offers a complete line of anti-spatter products, visible liquid dye penetrant testing, cutting fluids, and galvanizing sprays. Dedicated to the welding industry, we supply replacement lenses and face shields, water cooling systems, and heat tint removal solutions. Through comprehensive manufacturing and industry leading product performance we are dedicated to providing solutions to meet the demands of the metal workings industry.



For more information about our products or services, including product samples, please contact us at 800-334-4420 or visit us online at www.dynaflux.com

2-12 CHEMICALS

Water Based Anti-Spatters	2
Anti-Spatters / Nozzle Gels	3
Specialty Anti-Spatters	4
Metal Coatings	5
Cleaners / Degreasers / Removers	6-7
Cutting Fluids	8
Tungsten Sharpener	9
Additional Products	10-11

12-13 NON-DESTRUCTIVE TESTING

14-17 LENSES, FACESHIELDS AND HEAD GEAR

Tufcote / Safety / Cover Lenses	14
Head Gear	14
Auto Darkening Replacement Lenses	15
Filter Lenses / Magnifiers	16
Faceshields	17

18 DEFENSE ANTI-FREEZES

19-26 WATER COOLING SYSTEMS

27 HEAT TINT REMOVAL SYSTEMS

28 PORTABLE ROD OVENS

CHEMICALS

WATER BASED ANTI-SPATTERS

390 – Non-Toxic Anti-Spatter Original Formula



A non-solvent anti-spatter designed to prevent weld spatter from adhering to M.I.G. gun nozzles, contact tips and related accessories as well as metals to be joined. Lethicin additive makes this the preferred water based anti-spatter when using oil based paints.

Biodegradable.
Non-Flammable.
Non-Toxic.
Silicone Free.

390		
Product No	Description	Unit
390-16	Aerosol	1 Dozen
390-4X1	4x1 Gallon	Case
390-5	2x2.5 Gallon	Case
390-55	55 Gallon	Drum



395- Heavy Duty Anti-Spatter Mineral Emulsion Anti-Spatter and Release Agent



Provides a safe and effective anti-spatter coating that prevents adhesion of welding spatters on nozzles, contact tips, jigs, fixtures, work pieces and robotics. Creates a thick film for heavy industrial welding. Oil paint compatible. Water and/or solvent removable. Excellent for use on all materials – especially stainless steel.

Non-Flammable.
Silicone Free.

395		
Product No	Description	Unit
395-16	Aerosol	1 Dozen
395-4X1	4x1 Gallon	Case
395-5	2x2.5 Gallon	Case
395-55	55 Gallon	Drum



400- Non-Toxic Anti-Spatter Superior Water Based Anti-Spatter



A safe and environmentally friendly alternative to the solvent base anti-spatters. Prevents weld spatter from adhering to MIG gun nozzles, contact tips and related accessories. Allows for pre-heat and higher temperature applications, Oversized nozzle allows for product use without glove removal. Paint compatible. Recommended for water based paints. Easily removed with water rinse. Contains no chlorinated solvent, fluorocarbons, silicones, or hydrocarbon compounds.

Non-Flammable. Non-Toxic.
Biodegradable. Silicon Free.

400		
Product No	Description	Unit
400-16	Aerosol	1 Dozen
400-4X1	4x1 Gallon	Case
400-5	2x2.5 Gallon	Case
400-55	55 Gallon	Drum



402 – Non-Toxic Anti-Spatter Premium High Temperature Formula



Non-Toxic Anti-Spatter is specifically developed for high temperature applications up to 400°. This revolutionary formula contains a heavier molecular weight than most water based anti-spatters for a thicker, higher viscosity material. The proprietary anti-corrosion additive will also protect against rusting. 402 can be sprayed or brushed on and can be welded through while wet or after drying. 402 is paint compatible and easily wipes away with water or a damp cloth and leaves no residue.

402 does not contain any chlorinated solvents, will not carbonize and is odor free.

Non-Flammable. Non-Toxic.
Biodegradable. Silicone Free.

402		
Product No	Description	Unit
402-12x16	12x16floz.	Case
402-16	Aerosol	1 Dozen
402-4X1	4x1 Gallon	Case
402-5	2x2.5 Gallon	Case
402-55	55 Gallon	Drum



CHEMICALS

ANTI-SPATTERS AND NOZZLE GELS



200- Heavy Duty Anti-Spatter Solvent Based Formula

Provides protection to M.I.G. gun nozzles, contact tips, accessories and all weld zones during single and multi-pass welding. Provides weld prep protection on parts to be stored. Requires little cleaning prior to painting when applied properly. Liquid may be applied by brush or roller.

Non-Flammable. Silicon Free.

200		
Product No	Description	Unit
200-16	Aerosol	1 Dozen
200-20	Aerosol	1 Dozen
200-4X1	4x1 Gallon	Case
200-5	5 Gallon	Pail
200-55	55 Gallon	Drum

731- Nozzle Gel Petroleum Formula

Provides excellent protection against weld spatter build-up on M.I.G. gun nozzles, contact tips, positioners, stud welding chucks & electrode holders on all automatic and semi-automatic welding apparatus. Will not cause porosity. Blue in color.

Non-Flammable. Non-Toxic.
Silicon Free.

731		
Product No	Description	Unit
731-16	12x16 fl oz Jars	Case



733- Non-Toxic Nozzle Gel Biodegradable Formula



A safe and environmentally friendly alternative to traditional petroleum based nozzle gels. Provides protection against weld spatter on M.I.G. gun nozzles, contact tips, positioners, stud welding chucks and electrode holders on all automatic and semi-automatic welding apparatus. Consistency similar to hand lotion.

Non-Flammable. Non-Toxic.
Silicon Free.

733		
Product No	Description	Unit
733-16	12x16 fl oz Jars	Case

CHEMICALS

SPECIALTY ANTI-SPATTERS



396 – Specialty Anti-Spatter Solvent Based Robotic Anti-Spatter/Protectant

Protects robotic nozzles and contact tips from spatter build-up during welding operations. For use in automatic injection systems. Will not damage most gaskets, seals or reservoirs. Use in accordance with robotic torch manufacturer's recommendations. Ready to use.

396		
Product No	Description	Unit
396-4x1	4x1 Gallon	Case
396-5	5 Gallon	Pail
396-55	55 Gallon	Drum

397 – Specialty Anti-Spatter Pine Resin Formula

An excellent non-solvent anti-spatter developed from a derivative of pine resin. Water based heavy duty formula provides maximum spatter protection on steel and steel alloys. One gallon covers approximately 300 square feet.

Non-Flammable.

397		
Product No	Description	Unit
397-4x1	4x1 Gallon	Case
397-5	2x2.5 Gallon	Case
397-55	55 Gallon	Drum



398 – Specialty Anti-Spatter Water Based Robotic Anti-Spatter – Protectant



A safe and environmentally friendly alternative to solvent based robotic anti-spatter for use in automatic injection systems. Formulated to protect robotic nozzles and contact tips from spatter build-up during welding operations. Will not damage most gaskets, seals or reservoirs. Use in accordance with robotic torch manufacturer's recommendations. Ready to use.

Biodegradable. Non-Flammable.
Non-Toxic. Silicone Free.

398		
Product No	Description	Unit
398-4x1	4x1 Gallon	Case
398-5	2x2.5 Gallon	Case
398-55	55 Gallon	Drum

404 Specialty Anti-Spatter Cold Climate Anti-Spatter



404 is formulated to be used in colder climates. A special blend of anti-spatter which will remain liquid when normal anti-spatter products freeze. This product can be sprayed, brushed, dipped or applied with a cloth on the area to be protected. No dilution required. Contains no chlorinated solvents.

Biodegradable. Non-Flammable.
Non-Toxic. Silicone Free.

404		
Product No	Description	Unit
404-4x1	4x1 Gallon	Case
404-5	2x2.5 Gallon	Case
404-55	55 Gallon	Drum



CHEMICALS

METAL COATINGS



305- SprayGalv Bright Finish Aluminized Metallic Zinc Coating

A safe and environmentally friendly alternative to the solvent base anti-spatters. Produces sacrificial protection that stops rust and corrosion on all metal surfaces. Any deterioration leads to rust and/or corrosion of the coating rather than the metal surface. Equivalent to hot dip galvanizing in cathodic protection and film durability and protects against caustic action salt spray. Resists peeling, blistering, rust, weather, gasoline and oil. Compounded from metallic zinc and aluminum dust. Leaves a bright finish.

305		
Product No	Description	Unit
305-16	Aerosol	1 Dozen
305-2X1	2x1 Gallon	Case
305-6X1	6X1 Quart	Case

306- Cold Galv Liquid Zinc Galvanizing Coating

Zinc rich coating produces sacrificial protection to stop rust and corrosion on all metal surfaces. Any deterioration leads to rust and/or corrosion of the coating rather than the metal surface. Equivalent to hot dip galvanizing in cathodic protection and film durability and protects against caustic action salt spray. Resists peeling, blistering, rust, weather, gasoline and oil. Compounded from metallic zinc dust. Apply with brush or roller or dilute for spray application.



306		
Product No	Description	Unit
306-2X1	2x1 Gallon	Case
306-6X1	6X1 Quart	Case



309 – SprayGalv Matte Finish Zinc Galvanizing Spray

Zinc rich coating produces sacrificial protection to stop rust and corrosion on all metal surfaces. Any deterioration leads to rust and/or corrosion of the coating rather than the metal surface. Equivalent to hot dip galvanizing in cathodic protection and film durability and protects against caustic action salt spray. Resists peeling, blistering, rust, weather, gasoline and oil. Compounded from metallic zinc dust. Leaves a matte finish.

309		
Product No	Description	Unit
309-16	Aerosol	1 Dozen

380 – Metal Protector Protective Coating for All Metals

Provides a high degree of protection from weather exposure and corrosive fumes with a firm, waxy and transparent coating. When used as directed, provides approximately one year outdoor protection and two years indoor protection.



380		
Product No	Description	Unit
380-16	Aerosol	1 Dozen
306-4X1	4X1 Gallon	Case



387 – Aluminized Weldable Primer

Long lasting primer qualities provide protection against rust and corrosion on machined or cleaned joints prior to welding and reduce the need for pre-weld cleaning. Deoxidizing properties allow for reduced porosity and pinholes and provide a finer and flatter weld. Improves weld quality and lowers fabricating costs.

387		
Product No	Description	Unit
387-2X1	2x1 Gallon	Case
387-6X1	6x1 Quart	Case

CHEMICALS

CLEANERS, DEGREASERS, AND REMOVERS



365 – Safety Solvent

Highly Concentrated Cleaner and Degreaser

Non-flammable solvent cleaner rapidly removes dirt, grease, oil, and grime from metallic and glass surfaces. Excellent for use on regulators, including oxygen regulators. Dries residue-free. Non-conductive to 30,000 volts.

365		
Product No	Description	Unit
365-16	Aerosol	1 Dozen

366 – Solvent Degreaser

Multi-Purpose Solvent Cleaner and Degreaser

Removes a wide variety of contaminants such as grease, oil, gum, tar, inks, sludge, asphalt and wax from metal surfaces. Ideal for use in machine shops, garages, factories, industrial repair shops and automotive facilities. May be used on most painted surfaces if contact time is controlled. Inconspicuous areas should be tested for stability prior to use.

366		
Product No	Description	Unit
366-20	Aerosol	1 Dozen



392 – Ready -to-Use All Purpose Non-Toxic Cleaner



393 – Concentrated Non-toxic Industrial Cleaner

392-Excellent cleaners for gas cylinders, trucks, machinery and equipment. Rinses easily without leaving a soapy film residue. Water dilution ratios and applications: 1:10 for gas cylinders, gas and diesel engines and concrete floors; 1:20 for stainless steel and aluminum. May be diluted to a ratio of 1:30 for milder applications. Biodegradable. Non-Flammable.

393-Industrial Grade All Purpose Cleaner is our original concentrated formula excellent for gas cylinders, trucks, machinery and equipment. Water dilution ratios and applications: 1:10 for gas cylinders, gas and diesel engines and concrete floors; 1:20 for stainless steel and aluminum. Can be diluted to a ratio up to 1:30 water for milder applications. Industrial Grade All Purpose Cleaner rinses easily without leaving a soapy film residue, is non-flammable and biodegradable.



392		
Product No	Description	Unit
392-6x1	6x1 Quart	Case
392-4x1	4x1 Gallon	Case
392-5	2x2.5 Gallon	Case
392-55	55 Gallon	Drum

393		
Product No	Description	Unit
393-6x1	6x1 Quart	Case
393-4x1	4x1 Gallon	Case
393-5	2x2.5 Gallon	Case
393-55	55 Gallon	Drum

394 – Stainless Steel Cleaner

Neutralizes HTR 120 Solution. Unlike common oil based cleaners or polishes developed for stainless steel, this water based formula contains heavy duty cleaning agents and solvents to both clean and polish. Removes water marks, smudges, oil and grease stains with minimal agitation resulting in a non-greasy, streak-free finish that resists further soiling.

394		
Product No	Description	Unit
394-20	Aerosol	1 Dozen





735 – Brake and Parts Cleaner

Solvent based product designed to clean brake parts without damaging rubber or plastic parts. Removes grease, oil, brake fluid and other contaminants from disc and drum components without residue. Brake components can be cleaned without disassembly. Suitable for all brake liners, shoes, pads, drums, cylinders, caliper units, tools and related parts.

735		
Product No	Description	Unit
735-20	Aerosol	1 Dozen

399 – Gelled Degreaser

Thickened Multi-Purpose Cleaner and Degreaser

Water based formula utilizes non-hazardous cleaning agents to remove carbon, grease, oil, dirt and other organic deposits. Clings to horizontal and vertical non-porous surfaces without runoff. Removes stubborn stains such as spray paint, road tar, stencil inks and other oil based stains. Easily removed by pressure rinsing, wet vac, scraping or wiping.



399		
Product No	Description	Unit
399-6X1	6X1 Quart	Case

781 – Aluminum and Steel Cleaner

Water Based Acid Cleaner

Provides rapid and effortless cleaning and removal of grease, oil, dirt and white, chalky aluminum oxides before welding. Removes weld residue and discoloration after welding for a clean, even finish. Rinse agents provide a sheeting action for film-free rinsing. Ready to use.



Biodegradable
Non-Flammable

781		
Product No	Description	Unit
781-12X1	12x1 Quart	Case
781-4X1	4x1 Gallon	Case
781-55	55 Gallon	Drum

790 – HTR-30 Solution

Chemical Heat Tint Remover

Strong acid formula effective in the removal of heat tint and metal discoloration caused by temperatures within the weld zone on stainless steel. High percentage hydrofluoric acid formula requires strict adherence to label directions for safe use and disposal. Contains hydrofluoric acid.



790		
Product No	Description	Unit
790-06	6x55g bottle	Case

CHEMICALS

CUTTING FLUIDS



370 – All Metal Cutting Fluid Cutting Fluid/Coolant

Cools the tool and the cutting surface and minimizes heat distortion. Reduces abrasive wear prolonging tool life and yielding quality finishes. Will not gum or clog coolant lines. Nitrate-free formula prevents freezing of chucks and collets. Liquid product requires no dilution.

370		
Product No	Description	Unit
370-16	Aerosol	Case
370-4X1	4x1 Gallon	Case
370-5	5 Gallon	Pail
370-55	55 Gallon	Drum

371 – All Metal Water Dilutable Cutting Fluid Oil Based, Water Emulsifiable Cutting Fluid

Resulting oily film inhibits rust on processed parts. Cools the tool and cutting surface and minimizes heat distortion. Reduces abrasive wear prolonging tool life and yielding quality finishes. Will not gum or clog coolant lines. Nitrate-free formula prevents freezing of chucks and collets. Water dilution ratios: Heavy Duty-1:10; Medium Duty -1:20; Light Duty-1:30.

371		
Product No	Description	Unit
371-4x1	4x1 Gallon	Case
371-5	5 Gallon	Pail
371-55	55 Gallon	Drum



372 – Synthetic Cutting Fluid Water Dilutable Cutting Fluid

Oil-free synthetic formula maintains integrity under high pressures for better and longer lasting lubrication and cooling without smoking. For use on ferrous and non-ferrous metals. Cools the tool and cutting surface and minimizes heat distortion. Reduces abrasive wear prolonging tool life and yielding quality finishes. Will not gum or clog coolant lines. Nitrate-free formula prevents freezing of chucks and collets. Water dilution ratios and applications: Heavy Duty: 1:10 for broaching, tapping, threading, and gear shaving; Medium Duty: 1:20 for cutting, drilling, reaming, milling, boring, turning, planning, shaping and sawing; Light Duty: 1:30 for form and surface grinding.



372		
Product No	Description	Unit
372-4x1	4x1 Gallon	Case
372-5	2x2.5 Gallon	Case
372-55	55 Gallon	Drum

CHEMICALS TUNGSTEN SHARPENERS

600-Chem Sharp™ Tungsten Sharpener

A safe alternative to tungsten grinding.

Chemically mills a perfect point on pure, thoriated, ceriated, and lanthanated tungsten. Average time to re-point tungsten is approximately one minute at the work station. Compared to traditional sharpening methods, chemical re-pointing extends tungsten life by 400%.

Non-Flammable. Non-Toxic.



601-Chem Sharp™ Tungsten Holder

Holds tungsten rods 0.06" – 0.18" for sharpening/pointing. Holder is 4.5" in length and 0.5" in diameter. Made in USA. Six Tungsten Holders / Case

602-Chem Sharp™ Tungsten Sharpener/Holder Kit

Each kit contains 1 jar Chem Sharp™ and 1 Tungsten holder



600

Product No	Description	Unit
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600-6	6x4.5oz. Jars	Case
601-6	6 Holders	Case
602-4	4 Kits	Case



Visit our website DYN AFLUX.COM for a demonstration of chemical tungsten sharpening

CHEMICALS

ADDITIONAL PRODUCTS



100 De-ionized Water

Chemically processed and purified to achieve a lower conductivity value, making it the optimal choice for the water recirculation process. Recommended for use during operation of all Dynaflux water cooling machines to achieve maximum pump and machine life.

100		
Product No	Description	Unit
100-4x1	4x1 Gallon	Case
100-55	55 Gallon	Drum



303 – Layout Fluid Remover

Highly concentrated Cleaner and Degreaser

Designed to remove layout fluids quickly and efficiently. May be used to remove light oils, grease, lacquer materials and other markings on metal and glass. Leaves no residue.

303		
Product No	Description	Unit
303-16	Aerosol	1/2 Dozen

304 – Blue Layout Fluid

Deep Blue Color for Sharp Contrast

Fast drying, non-flaking, non-etching and will not peel. Deep blue color provides sharp contrasts of scribed lines against a clean surface. Adheres to glass and all metals, including aluminum.

304		
Product No	Description	Unit
304-16	Aerosol	1/2 Dozen



321- Dyna-Shield

Heat Shield and Cool Down Gel

Dyna-Shield is designed to create a barrier against the transfer of heat by conduction and convection during welding and soldering. Dyna-Shield will absorb the heat as it travels along the metal surface which leaves the rest of the metal surface cool. Can be sprayed, brushed or squeezed along the metal surfaces.

321		
Product No	Description	Unit
321-12x6	16 oz. Trigger	1 Dozen

360 Water Table Treatment

Concentrated Granular Additive

Chemically engineered for use as a corrosion inhibitor in plasma water tables. Can be used to inhibit corrosion on all ferrous metals and aluminum. Initial treatment and subsequent maintenance adjustments are quickly and easily performed. For initial water table treatment, dissolve 5 lbs. granular additive per 100 gallons of water.

360		
Product No	Description	Unit
360-100	100lb.	Fiber Drum





385 – Rust Remover

Delays Rust and Phosphatizes

Contains a concentrated blend of inorganic acids, wetting agents, detergents and water softeners designed for the rapid removal of rust. Phosphatizing agent delays future rust, creates a conducive surface for paint adhesion, and reduces amount of paint required. For greater economical use, product may be diluted with water at a ratio up to 1:3.

385

Product No	Description	Unit
385-4X1	4X1 Gallon	Case
385-5	2x2.5 Gallon	Case



500

Product No	Description	Unit
550-6x10	10x6 packs	Case

500 – Wire Feed Pads – Treated

For use on M.I.G. wire feeders to remove dust and dirt from wire prior to wire entry into the liner conduit. Use of Wire Feed Pads can decrease the coefficient of friction in the liner as much as 50%. Reduces erratic feed and burn back. For use on steel, stainless steel, hard facing silicon bronze, solid and flux core wire. Treated pads may be re-treated with Wire Feed Pad Lubricant (Product No. 502).

501 – Wire Feed Pads – Untreated

For use on M.I.G. wire feeders to remove dust and dirt from wire prior to wire entry into the liner conduit. Use of Wire Feed Pads can decrease the coefficient of friction in the liner as much as 50%. Reduces erratic feed and burn back. For use on aluminum wire when welding on aluminum.



501

Product No	Description	Unit
550-6x10	10x6 packs	Case



502 – Wire Feed Pad Lubricant

Used to re-treat 500-Wire Feed Pads on steel, stainless steel, hard-facing silicon bronze, solid and flux core wire. Also provides non-gumming lubrication to prolong the life of pneumatic too.

502

Product No	Description	Unit
502-12x4	12x4oz	1 Dozen bottles

800 – Gas Leak Detector

Safe for All Gases including Oxygen



Forms a readily visible and stable foam for easy and efficient leak detection. Safe for all gases, including oxygen. Non-corrosive. Functional at temperatures above 15 °F.

800

Product No	Description	Unit
800-12x4	12x4oz. bottle	Case
800-4x1	4x1 Gallon	Case
800-5	2x2.5 Gallon	Case
800-55	55 Gallon	Drum



CHEMICALS
 ADDITIONAL PRODUCTS

CRACK CHECK™

Visible liquid dye penetrant testing is a 3 step process for detecting faults in welds, casting and alloys. Cleaners and Developers are available in a flammable Nuclear Grade without chlorinated solvents and a Non-Flammable Grade. PHF Penetrant is flammable



Standard Non-Flammable Cleaner

C-NF		
Product No	Description	Unit
CNF315-16	Aerosol	Case
CNF315-4X1	4x1 Gallon	Case
CNF315-5	5 Gallon	Pail
CNF315-55	55 Gallon	Drum

Nuclear Grade Cleaner

C-F		
Product No	Description	Unit
CF315-16	Aerosol	Case
CF315-4X1	4x1 Gallon	Case
CF315-5	5 Gallon	Pail
CF315-55	55 Gallon	Drum



Standard Non-Flammable Developer

D-NF		
Product No	Description	Unit
DNF315-16	Aerosol	Case
DNF315-4X1	4x1 Gallon	Case
DNF315-5	5 Gallon	Pail
DNF315-55	55 Gallon	Drum

Nuclear Grade Developer

D-F		
Product No	Description	Unit
DF315-16	Aerosol	Case
DF315-4X1	4x1 Gallon	Case
DF315-5	5 Gallon	Pail
DF315-55	55 Gallon	Drum



CRACK CHECK™

Visible liquid dye penetrant testing is a 3 step process for detecting faults in welds, casting and alloys. Cleaners and Developers are available in a flammable Nuclear Grade without chlorinated solvents and a Non-Flammable Grade. PHF Penetrant is flammable



Penetrant

PHF		
Product No	Description	Unit
PHF315-16	Aerosol	Case
PHF315-4X1	4x1 Gallon	Case
PHF315-5	5 Gallon	Pail
PHF315-55	55 Gallon	Drum

Crack Check™ Kits

Kits contain 2 cans Cleaner and 1 can each of Developer and Penetrant. 4 cans / kit

CF315KIT		
Product No	Description	Unit
CF315KIT-S	Non-Flammable	4 cans/kits
CF315KIT-N	Nuclear	4 cans/kits



NON-DESTRUCTIVE TESTING
CRACK CHECK™

LENSES, FACESHIELDS & HEAD GEAR



TUFCOTE™ Dual Purpose Safety / Cover Lens

100% Polycarbonate Hard Coated Lens
 Tufcote™ hard coated lens offer unmatched functionality. A replacement to the traditional CR-39 Monomer lens, Tufcote™ can be used as both a safety and cover lens. The hard coating provides superior scratch resistance, while maintaining the safe, shatterproof quality of polycarbonate.

Meets or exceeds ANSI Z87.1+ standards

UVT			
Product No	Lens Size	Inner Pack	Master Pack
UVT01	2"x4 ¹ / ₄ "	100	500
UVT02	4 ¹ / ₂ "x5 ¹ / ₄ "	50	250

Safety Lens

100% Polycarbonate. Safety Lens with ANSI Stamp. Shatterproof

Meets or exceeds ANSI Z87.1+ standards

UV			
Product No	Lens Size	Inner Pack	Master Pack
UV24SL	2"x4 ¹ / ₄ "	100	500
UV45SL	4 ¹ / ₂ "x5 ¹ / ₄ "	50	250

Cover Lens

100% Polycarbonate or CR-39® Monomer
 UV24CL, UV45CL, and 50MM are 100% Polycarbonate.
 UV24CR and UV45CR contain CR-39 Monomer.

CR-39			
Product No	Lens Size	Inner Pack	Master Pack
UV24CL	2"x4 ¹ / ₄ "	100	500
UV45CL	4 ¹ / ₂ "x5 ¹ / ₄ "	50	250
UV50CL	50mm	Pair	N/A
UV24CR	2"x4 ¹ / ₄ "	100	500
UV45CR	4 ¹ / ₂ "x5 ¹ / ₄ "	50	250



Hard Hat Adapter
Product No. UVH750
 For Use With: Miller Welding Helmets, Function: Adapts Welding Helmet To Hard Hat.



Head Gear
Product No. UVH700
 This welding helmet adapter from Jackson Safety is essential in environments where head injuries are a potential hazard. It is made of plastic/metal material.

Head Gear (fits all Dynaflux Universal Replacement Visors)

Auto Darkening Replacement Lenses

Fits Jackson Helmets

Helmet Series	Product No	Type of lens Cover	Unit
Executive	UV2740J	Inside	1/Bag
NextGen	UV2739J	Outside	1/Bag
Nitro	UV169J	Inside	5/Bag
Nitro	UV038J	Outside	5/Bag

Auto Darkening Replacement Lenses

Fits Miller Helmets

Helmet Series	Product No	Type of lens Cover	Unit
FS	UV237M	Inside	5/Bag
FS	UV237M	Outside	5/Bag
XL	UV237M	Inside	5/Bag
XL	UV240M	Outside	5/Bag
XLi	UV237M	Inside	5/Bag
XLi	UV240M	Outside	5/Bag
Xlix	UV237M	Inside	5/Bag
Xlix	UV241M	Outside	5/Bag
Elite	UV327M	Inside	5/Bag
Elite	UV326M	Outside	5/Bag
Pro-Hobby	UV410M	Inside	5/Bag
Pro-Hobby	UV411M	Outside	5/Bag
Performance	UV237M	Inside	5/Bag
Performance	UV921M	Outside	5/Bag

Auto Darkening Replacement Lenses

Suitable for Speedglas™ (Speedglas is a registered trademark of 3M)

Helmet Series	Product No	Type of lens Cover	Unit
APC	UV228H	Inside	5/Bag
APC	UV227H	Outside	5/Bag
XL	UV328H	Inside	5/Bag
XL	UV327H	Outside	5/Bag
9000X	UV428H	Inside	5/Bag
9000XF	UV427H	Outside	10/Bag
9000F	UV429H	Inside	5/Bag
9000V	UV427H	Outside	10/Bag

Filter Lens-Glass & 100% Polycarbonate

Heat Treated Glass

Shaded Filter Lens

Heat Treated Glass

Shaded Filter Lens-GOLD

Size: 2" x 4¼"		Size: 4½" x 5¼"		Size: 2" x 4¼"		Size: 4½" x 5¼"	
Package Quantity: 50 each		Package Quantity: 25 each		Package Quantity: 50 each		Package Quantity: 25 each	
Shade	Part No.	Shade	Part No.	Shade	Part No.	Shade	Part No.
4	UV2404GF	4	UV4504GF	9	UVGO2409GF	9	UVGO4509GF
5	UV2405GF	5	UV4505GF	10	UVGO2410GF	10	UVGO4510GF
6	UV2406GF	6	UV4506GF	11	UVGO2411GF	11	UVGO4511GF
7	UV2407GF	7	UV4507GF	12	UVGO2412GF	12	UVGO4512GF
8	UV2408GF	8	UV4508GF				
9	UV2409GF	9	UV4509GF				
10	UV2410GF	10	UV4510GF				
11	UV2411GF	11	UV4511GF				
12	UV2412GF	12	UV4512GF				
13	UV2413GF	13	UV4513GF				
14	UV2414GF	14	UV4514GF				

Heat Treated Glass Shaded Filter Lens

50mm	
Package Quantity: 2 each	
Shade	Part No.
4	UV5004GF
5	UV5005GF
6	UV5006GF

Polycarbonate Shaded Filter Lens

Polycarbonate Shaded Filter Lens- GOLD

Size: 2" x 4¼"		Size: 4½" x 5¼"		Size: 2" x 4¼"		Size: 4½" x 5¼"	
Package Quantity: 50 each		Package Quantity: 25 each		Package Quantity: 50 each		Package Quantity: 25 each	
Shade	Part No.	Shade	Part No.	Shade	Part No.	Shade	Part No.
9	UV2409PF	9	UV4509PF	9	UVGO2409PF	9	UVGO4509PF
10	UV2410PF	10	UV4510PF	10	UVGO2410PF	10	UVGO4510PF
11	UV2411PF	11	UV4511PF	11	UVGO2411PF	11	UVGO4511PF
12	UV2412PF	12	UV4512PF	12	UVGO2412PF	12	UVGO4512PF

Magnifying Lens

Glass and Plastic

Size: 2" x 4¼"		
Package Quantity: 6 each		
Magnification	Part No. (Glass)	Part No. (Plastic)
0.75	UVMAG075GM	UVMAG075PM
1.00	UVMAG100GM	UVMAG100PM
1.25	UVMAG125GM	UVMAG125PM
1.50	UVMAG150GM	UVMAG150PM
1.75	UVMAG175GM	UVMAG175PM
2.00	UVMAG200GM	UVMAG200PM
2.25	UVMAG225GM	UVMAG225PM
2.50	UVMAG250GM	UVMAG250PM
3.00	UVMAG300GM	UVMAG300PM

Universal Replacement Visors

Fits Jackson and Huntsman

Product No.	Jackson Part No.	Description	Size	Inner Package	Master Package
UV804UCL	8040	Clear Unbound	8" X 12"	20	100
UV804BCL	8040	Clear with Aluminum Band	8" X 12"	10	50
UV814ULG	8041	Light Green Unbound	8" X 12"	20	100
UV814BLG	8041	Light Green with Aluminum Band	8" X 12"	10	50
UV824UDG	8042	Dark Green Unbound	8" X 12"	20	100
UV824BDG	8042	Dark Green with Aluminum Band	8" X 12"	10	50
UV344UCL	3440	Clear Unbound	9" X 15.5"	20	100
UV344BCL	3440	Clear with Aluminum Band	9" X 15.5"	10	50
UV354ULG	3441	Light Green Unbound	9" X 15.5"	20	100
UV354BLG	3441	Light Green with Aluminum Band	9" X 15.5"	10	50
UV364UDG	3442	Dark Green Unbound	9" X 15.5"	20	100
UV364BDG	3442	Dark Green with Aluminum Band	9" X 15.5"	10	50
UV365U05	3465	Shade 5 Unbound	9" X 15.5"	20	100
UV365B05	3465	Shade 5 with Aluminum Band	9" X 15.5"	10	50



LENSES, FACESHIELDS & HEAD GEAR

DEFENSE ANTI-FREEZES



927 – Ready to Use Defense with Ethylene Glycol

Provides year-round pump protection for water recirculators and closed loop cooling systems. By reducing water evaporation, 927 reduces water fill maintenance on machines. This ready to use formula protects from freezing to 10°F with no dilution necessary.



929 – Concentrated Defense with Ethylene Glycol

Provides year-round pump protection for water recirculators and closed loop cooling systems. By reducing water evaporation, 929 reduces water fill maintenance on machines. The concentrated formula protects from freezing to -30°F undiluted. A dilution of two parts 929 and one part water will protect to -10°F.



947 – Green Line Defense with Propylene Glycol

Provides year-round pump protection for water recirculators and other closed loop cooling systems. By reducing water evaporation, 947 reduces water fill maintenance on machines. The 947 formulation protects to 10°F with no dilution necessary. The formulation is made with propylene glycol for a more environmentally friendlier version.

DEFENSE		
Product No	Description	Unit
927-4x1	4x1 Gallon	Case
927-5	2x2.5Gallon	Case
929-4x1	4x1 Gallon	Case
929-5	2x2.5Gallon	Case
947-4x1	4x1 Gallon	Case
947-5	2x2.5Gallon	Case



928 – Lubricist

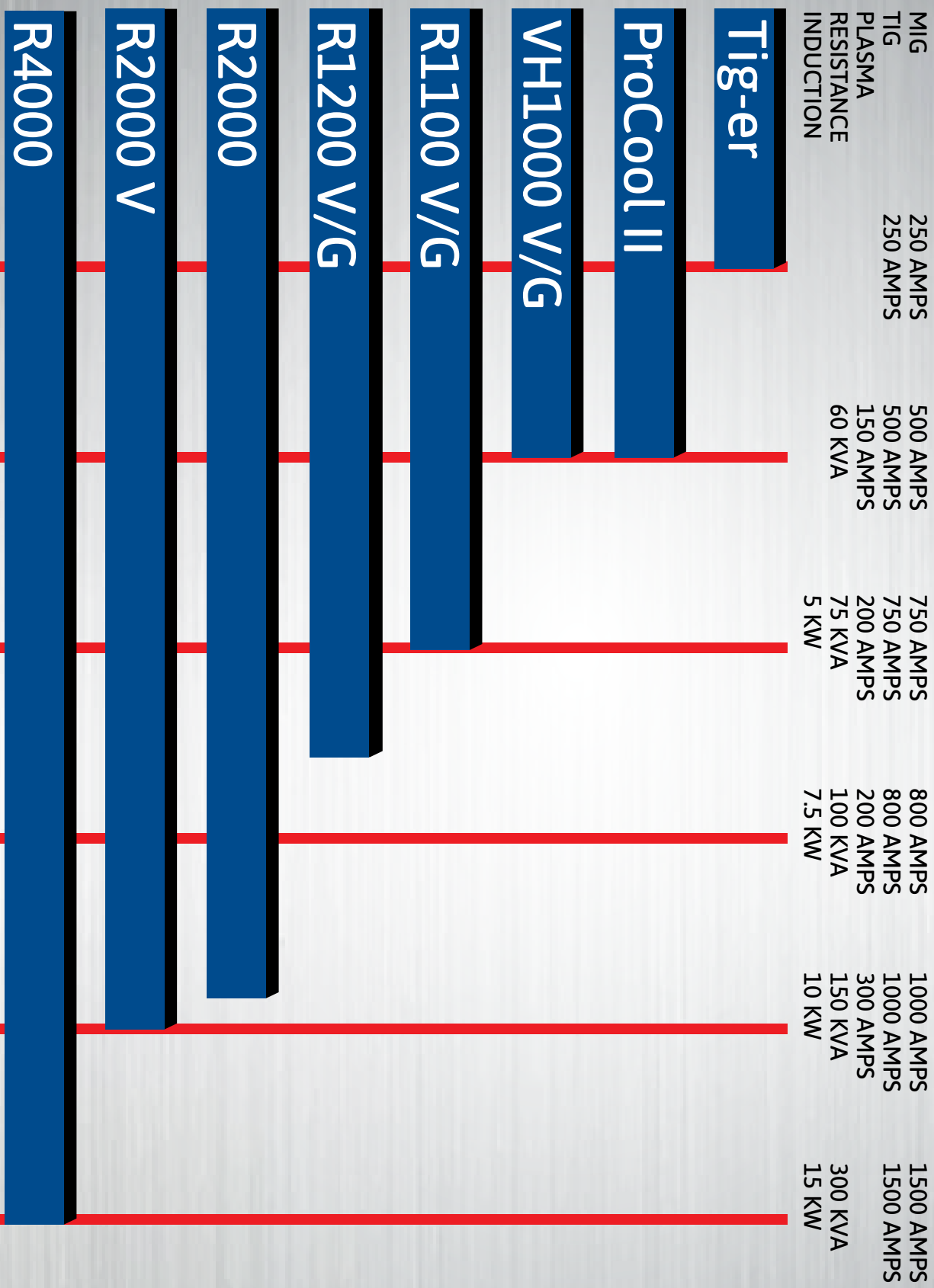
Provides lubrication and algae control. One bottle treats 3 gallons of water.

Product No.928-04

Description: 2 x 4oz. bottles

Unit: Case

WATER COOLING SYSTEMS





Tig-er TIG Torch Cooling System

FEATURES

- Plastic water tank eliminates coolant contamination due to electrolysis or chemical reactions
- All units are plumbed with copper tubing and reinforced hose
- Extended life pump features a direct drive power system reducing maintenance and vibration
- No external plumbing is required because of closed loop water system
- Self priming pump
- Easy change pump
- Strong rigid construction designed to support power unit
- Compact design

EQUIPMENT

TIG torches

MIG guns

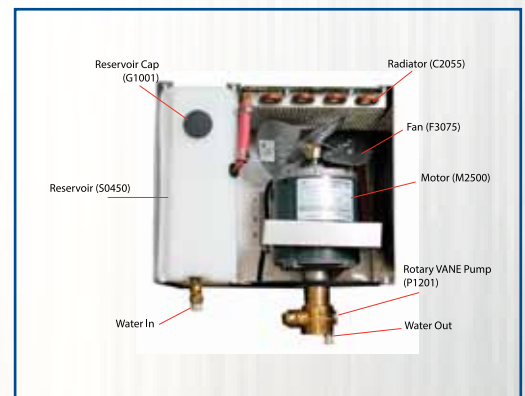
UP TO

250 amps

250 amps

SPECIFICATIONS

- Factory set at 50 psi
- 2 gallon reservoir
- 115 or 240 vac / single phase - 50/60 Hz
- 3.2/1.5 amp: 60 Hz
- 10,000 BTU
- ¼" Female pipe fitting (water in/out) with 5/8" LH Std Inert gas fitting
- 8 Foot power cord
- Visible water level
- Thermal overload
- Net weight: 30 lb/ 13.6 kg
- Dimensions: 12"L x 14"W x 9"H
- Foam packed for UPS shipment





Pro-Cool II V/G Cooling System

FEATURES

- Plastic water tank eliminates coolant contamination due to electrolysis or chemical reactions
- All units are plumbed with copper tubing and reinforced hose
- Extended life pump features a direct drive power system reducing maintenance and vibration
- No external plumbing is required because of closed loop water system
- Self priming pump
- Easy change pump
- Strong rigid construction designed to support power unit
- Compact design

EQUIPMENT

UP TO

TIG torches

250 amps

MIG guns

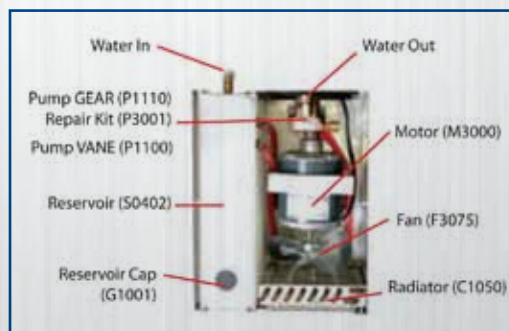
250 amps

Resistance welders

60 KVA

SPECIFICATIONS

- Factory set at 50 psi adjustable to 80 psi
- 3 gallon reservoir
- 115 or 230 vac / single phase - 50/60 Hz
- 5.6/2.8 amp: 60 Hz
- 12,000 BTU
- Net weight: 37 lb/ 17 kg
- Dimensions: 18"L x 14"W x 9"H
- Foam packed for UPS shipment



PCIIG: Rotary GEAR Pump

- 1.8 gpm at 50 psi
- Built in by-pass to tank
- Rebuildable pump (Product No: P3001)

PCIIV: Rotary VANE Pump

- 1.7 gpm at 50 psi

WATER COOLING SYSTEMS

VH1000 V/G Cooling System



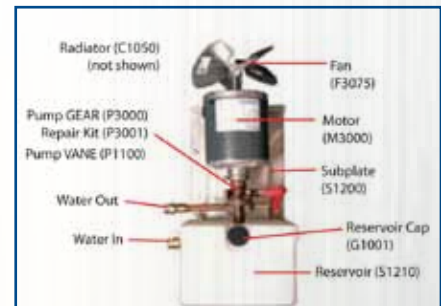
FEATURES

- Plastic construction contributes to quiet operation of unit
- Operates in a vertical position for welding carts or space saving purposes and also in horizontal position for conventional applications
- Extended life pump features a direct drive power system reducing maintenance and increasing performance
- High strength seamless plastic design provides greater impact and compression strength, rust and dent resistance, weight reduction and greater aesthetics
- Rugged polyethylene non-dent construction
- Visible water level through tank
- Thermal overload
- 8 foot power cord

EQUIPMENT	UP TO
TIG torches	500 amps
MIG guns	500 amps
Plasma welders/cutters	500 amps
Resistance welders	60KVA

SPECIFICATIONS

- Factory set at 50 psi adjustable to 80 psi
- 2 gallon reservoir
- 115 or 230 vac / single phase - 50/60 Hz
- 5.6/2.8 amp: 60 Hz
- 12,000 BTU
- Net weight: 33 lb/ 15 kg
- Dimensions: 9"L x 9"W x 26"H
- 1/4" female pipe fitting (water in/out) with 5/8" standard inert gas fitting
- Foam packed for UPS shipment



PCIIG: Rotary GEAR Pump

- 1.8 gpm at 50 psi
- Built in by-pass to tank
- Rebuildable pump (Product No: P3001)

PCIIV: Rotary VANE Pump

- 1.7 gpm at 50 psi

WATER COOLING SYSTEMS



FEATURES

- Stainless steel construction eliminates coolant contamination due to electrolysis or chemical reactions
- All units are plumbed with copper tubing and reinforced hose
- No external plumbing is required because of closed loop water system
- A water level float gauge and filler cap are combined in a single unit multi-purpose sight glass which enables operator to observe return water at a distance
- Water filter on pump inlet protects pump and extends pump life
- Visible water level and flow sight glass
- Thermal overload
- 8 foot power cord

R1100 V/G Cooling System

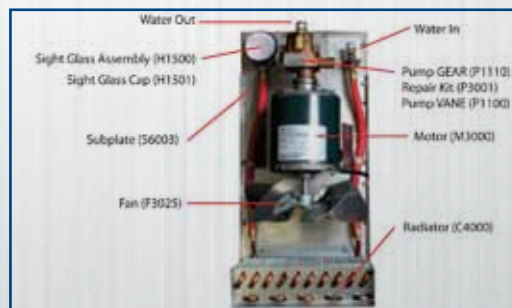
EQUIPMENT	UP TO
TIG torches	500 amps
MIG guns	500 amps
Plasma welders/cutters	500 amps
Resistance welders	60KVA
Induction welders	5 KW

R1200 V/G Cooling System

EQUIPMENT	UP TO
TIG torches	800 amps
MIG guns	800 amps
Plasma welders/cutters	200 amps
Resistance welders	75KVA
Induction welders	5 KW

SPECIFICATIONS

- Factory set at 50 psi adjustable to 80 psi
- R1100 V/G: 3 gallon reservoir
- R1200 V/G: 10 gallon reservoir
- 115 or 230 vac / single phase - 50/60 Hz
- 5.6/2.8 amp: 60 Hz
- 15,000 BTU
- Net weight: R1100: 42 lb/ 19 kg
R1200: 48 lb/22 kg
- Dimensions: R1100: 23"L x 11"W x 14.75"H
R1200: 23"L x 11"W x 20"H
- 1/4" FPT (water in/out) with 5/8" LH standard inert gas fitting



R1100G/R1200G: Rotary GEAR Pump

- 1.8 gpm at 50 psi
- Built in by-pass to tank

R1100V/R1200V: Rotary Vane Pump

- 1.7 gpm at 50 psi

WATER COOLING SYSTEMS



R2000G Cooling System

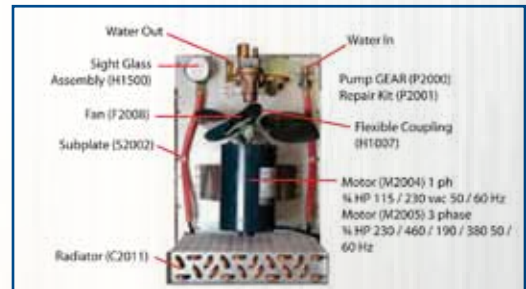
- FEATURES**
- Stainless steel construction eliminates coolant contamination due to electrolysis or chemical reactions
 - All units are plumbed with copper tubing and reinforced hose
 - No external plumbing is required because of closed loop water system
 - A water level float gauge and filler cap are combined in a single unit multi-purpose sight glass which enables operator to observe return water at a distance
 - Water filter on pump inlet protects pump and extends pump life
 - Visible water level and flow sight glass
 - Thermal Overload
 - 8 foot power cord (single phase only)

EQUIPMENT	UP TO
TIG torches	1000 amps
MIG guns	1000 amps
Plasma welders/cutters	300 amps
Resistance welders	150 KVA
Induction welders	10KW

30,000 BTU/HR @ 75 degrees differential between ambient and return water temperature.

SPECIFICATIONS

- Factory set at 50 psi adjustable to 100 psi
- 6 gallon reservoir (15 gallon also available)
- 115 or 230 vac / single phase - 50/60 Hz
- 13.4/6.7 amp: 60 Hz
- 230 or 190 vac / three phase - 50/60 Hz
- 2.6/1.3 amp: 60 Hz 3 ph
- 30,000 BTU
- ¼" FPT (water in/out) with 5/8" LH standard inert gas fitting
- Net weight: 68 lb/ 31 kg
- Dimensions: 23"L x 16"W x 19.5"H
- Foam packed for UPS shipment



- R2000: Rotary GEAR Pump (Only)**
- 3.5 gpm at 50 psi
 - Built in by-pass tank
 - Rebuildable pump (Product No: P2001)



R2200V Cooling System

FEATURES

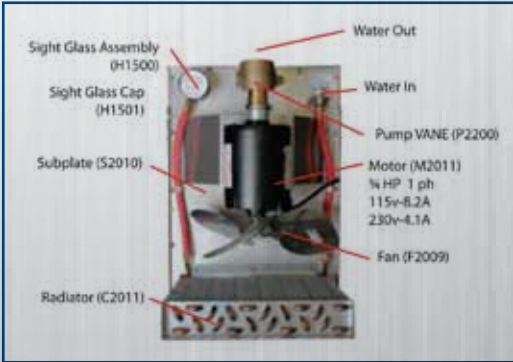
- Stainless steel construction eliminates coolant contamination due to electrolysis or chemical reactions
- All units are plumbed with copper tubing and reinforced hose
- Air flows into patented radiator first for maximum efficiency
- No external plumbing is required because of closed loop water system
- A water level float gauge and filler cap are combined in a single unit multi-purpose sight glass which enables operator to observe return water at a distance
- Water filter on pump inlet protects pump and extends pump life
- Visible water level and flow sight glass
- Thermal Overload
- 8 foot power cord

EQUIPMENT	UP TO
TIG torches	1000 amps
MIG guns	1000 amps
Plasma welders/cutters	300 amps
Resistance welders	150 KVA
Induction welders	10KW

30,000 BTU/HR @ 75 degrees differential between ambient and return water temperature.

SPECIFICATIONS

- Factory set at 50 psi adjustable to 100 psi
- 15 gallon reservoir (6 gallon also available)
- 115 or 230 vac / single phase - 50/60 Hz
8.2/4.1 amp: 60 Hz
- 30,000 BTU
- 1/2" FPT fittings
- Net weight: 70 lb / 32 kg
- Dimensions: 23"L x 16"W x 25.5"H



R2000: Rotary VANE Pump
• 4.0 gpm at 50 psi

WATER COOLING SYSTEMS



R4000 Cooling System

- Stainless steel construction eliminates coolant contamination due to electrolysis or chemical reactions
- All units are plumbed with copper tubing and reinforced hose
- No external plumbing is required because of closed loop water system
- A water level float gauge and filler cap are combined in a single unit multi-purpose sight glass which enables operator to observe return water at a distance
- Visible water level and flow sight glass

EQUIPMENT	UP TO
TIG torches	1500 amps
MIG guns	1500 amps
Resistance welders	300 KVA
Induction welders	15 KW

55,000 BTU/HR @ 75 degrees differential between ambient and return water temperature.

SPECIFICATIONS

- Factory set at 50 psi adjustable to 100 psi
- 25 gallon reservoir
- 115 or 230 vac / single phase - 50/60 Hz
14.6 / 7.3 amp: 60 Hz
- 230 or 190 vac / three phase - 50/60 Hz
- 460 or 380 vac / three phase – 50/60 Hz
5.4 / 2.7 amp: 60 Hz 3 ph
- 55,000 BTU
- ½ " FPT SS pipe (water in/out)
- Net weight: 170 lb/ 77 kg
- Dimensions: 36"L x 19.5"W x 35"H

R4000: Rotary GEAR Pump (Only)

- 10.0 gpm at 50 psi
- Built in by-pass to tank
- Rebuildable pump (Product No: P4018)



HEAT TINT REMOVAL SYSTEM



The Heat Tint Removal System is a revolutionary and economical way to remove heat-tint and discoloration from heat-affected weld zones on stainless steel after TIG or MIG welding applications. This safe, operator friendly process eliminates the need for grinding, sanding, polishing and dangerous chemicals.

MACHINE FEATURES:

- 115 vac power supply
- Power indicator light
- Protected with Circuit Breaker Relay
- Powerful transformer
- Cooling fan for heavy duty applications and extended machine life
- Dinse connectors
- Heavy duty ground clamp
- Light-weight and portable
- No surface preparation needed
- Cleans and passivates in one easy step

MACHINES

HTR500B Complete Machine with Brush Applicator 115 vac

HTR500S Complete Machine with Spoon Applicator 115 vac

ACCESSORIES

Two application systems are available for the HTR500. The spoon applicator is an all-purpose applicator that can be used in all areas and uses a replacement boot. The brush applicator is specifically designed to fit into corners or other difficult to reach areas, and uses a replaceable brush.

HTR500-1 Spoon Applicator and Lead

HTR500-2 Ground Clamp and Lead

HTR500-5 Brush Applicator and Lead

HTR120-3 Spoon Applicator Replacement Boots (1 case of 5 bags/6 boots per bag)

HTR120-3A Spoon Applicator Replacement Boots (1 bag of 6 boots)

HTR120-6 Brush Applicator Replacement Brushes (1 bag of 5 brushes)

HTR120-6A Brush Applicator Replacement Brushes (1 bag of 2 brushes)

HTR500-1A 8 ft. Extension Cable for Spoon/Brush Applicator

HTR SOLUTION

Mild solution specifically designed for use with the Heat Tint Removal System. The solution is very effective in the removal of discolorations and will passivate. For use with the HTR500 Machine only.

HTR120-06 6 x 16 ounce bottles (case of 6)

HTR120-4x1 4 x 1 gallons (case of 4)

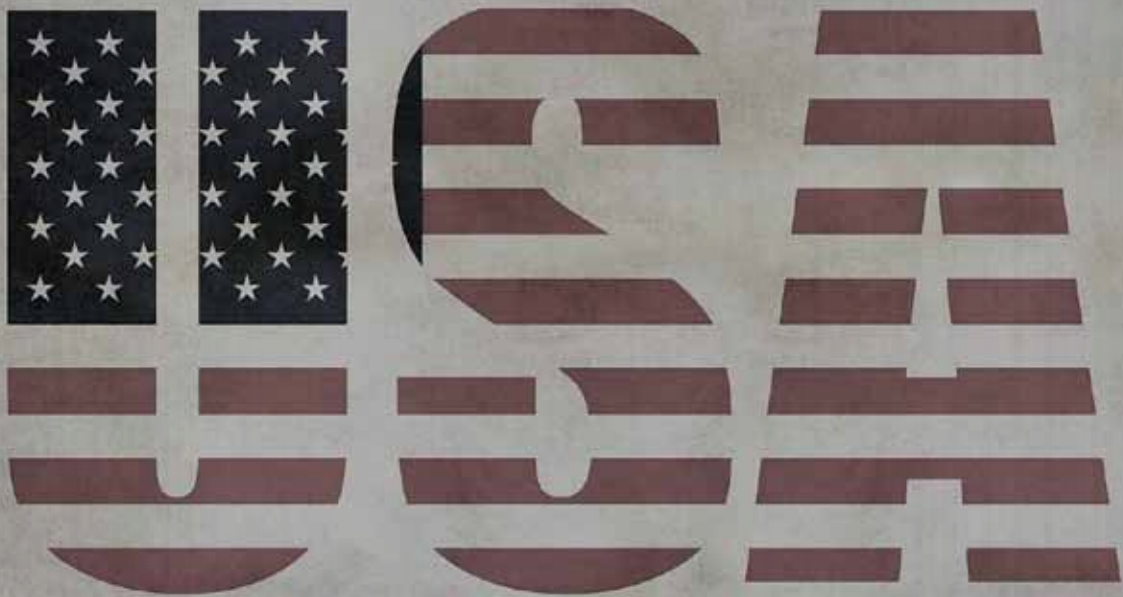
PORTABLE ROD OVENS

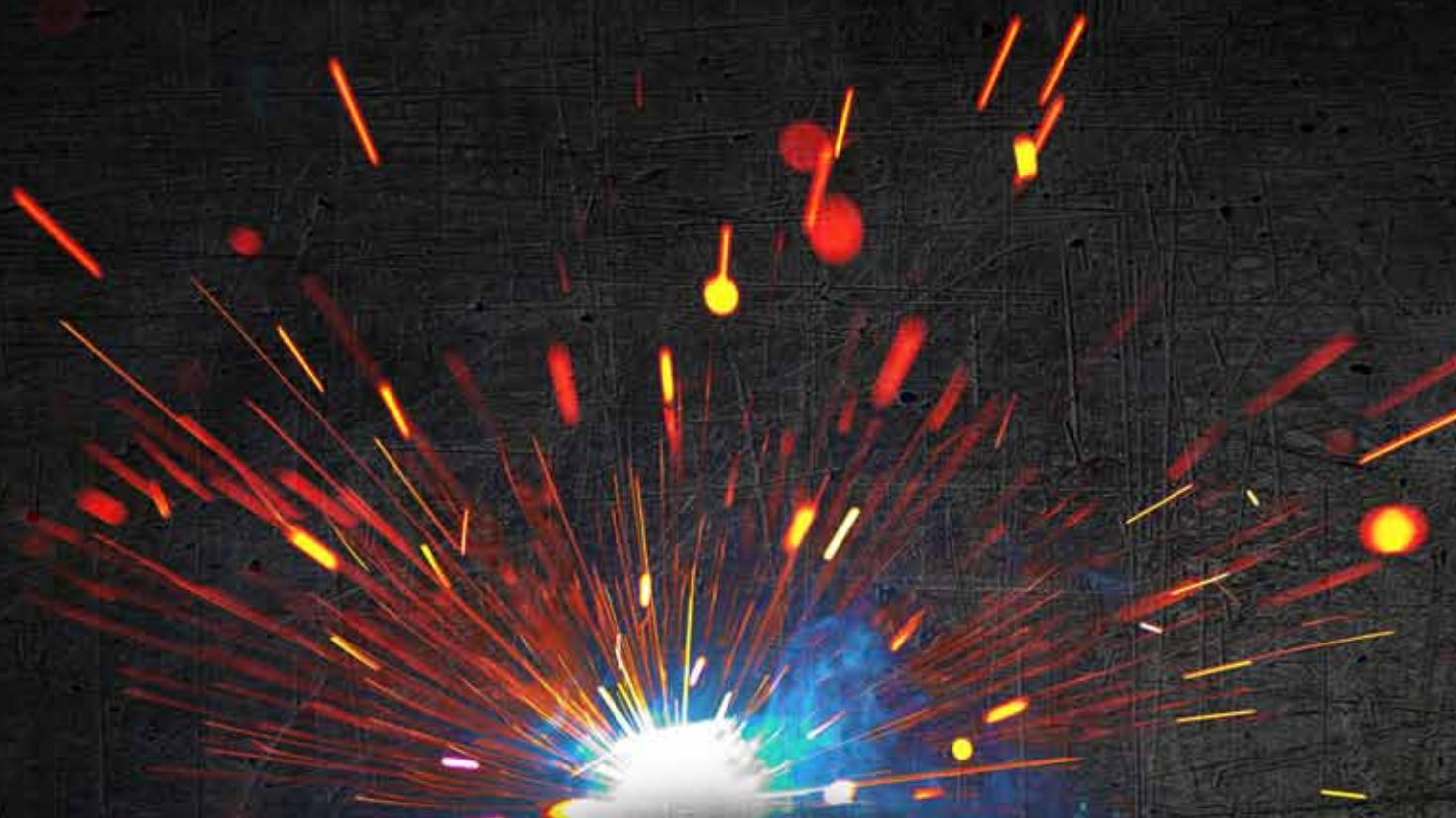


These energy efficient horizontal rod ovens are housed in durable stainless steel. The high R value ceramic insulation holds heat longer, extending field use. Placement of the heating element below the rods creates even heat distribution, increasing energy efficiency. Gasket sealed lid ensures an air tight seal to keep moisture out and heat in. Hinged cover allow for single handed retrieval of welding rods with glove removal. Replacement of heating element is quick and easy by simply removing six accesible screws. Rod Ovens are available in 15 lb (6.8 kg) and 50 lb (22.7 kg) capacities.

Product	OV15	OV50
Electrode Capacity	15 lb (6.8 kg) 18" (45.7 cm) max rod length	50 lb (22.7 kg) 18" (45.7 cm)
Temperature Range	100°F - 300°F 38°C - 150°C	100°F - 300°F 38°C - 150°C
Thermostat	Adjustable	Adjustable
Illuminated Power Indicator Light	Yes	Yes
Exterior Cabinet	Stainless Steel	Stainless Steel
Interior Construction	Stainless Steel	Stainless Steel
Insulation	1" (2.54cm) thermal ceramic	1" (2.54cm) thermal ceramic
Interior Dimensions	19"L X 5 ¹ / ₂ "W X 3"H	19"L X 6 ¹ / ₂ "W X 6 ¹ / ₂ "H
Exterior Dimensions	23"L X 7 ³ / ₄ "W X 7 ³ / ₄ "H	23"L X 8 ⁷ / ₈ "W X 11 ¹ / ₈ "H
Shipping Weight	20 lb (9kg)	30 lb (13.6 kg)

MADE IN THE





DYNAFLUX

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