Welding and Metal Repair Solutions
Welding Maintenance

Requires Superior Supplies for Solid Repairs

Lawson’s Cronatron™ branded products are the premier maintenance welding consumables on the market. They are designed and formulated to provide the superior fluxing and mechanical properties required to stand up to the rigors of various maintenance welding situations.

Unlike production welding, maintenance welding typically encounters many uncontrolled variables including:

• Unknown base metal conditions
• Dirty, rusty and grease-soaked workpieces
• Joining dissimilar materials
• Hard-to-reach and out-of-position repair sites
• Time constraints

Engineering and Technical Expertise at Your Fingertips

Our in-house engineering and technical team has the experience and expertise to understand your welding maintenance challenges. The team is available by phone when you need assistance with product selection for an application, or to suggest the best welding procedures to solve your problem.

Smarter Maintenance™ Solutions

In addition to problem solving, your Lawson Sales Representative can help you manage your inventory:

• Improve organization by designing a complete, customized storage and inventory system for all your maintenance supply needs
• Save you time by regularly checking and managing your inventory
• Reduce costs and downtime by making sure you have the right amount of product on hand when you need it

Superior Products

Lawson’s Cronatron™ and Certanium® products meet or exceed all AWS requirements. They are formulated to provide superior fluxing to reduce inclusions and porosity. They also have better mechanical properties for greater elongation and tensile strength. All of this gives you an advantage when you make welding maintenance repairs.

Access the Highest Level of Technical Expertise in the Industry!

All our products come Tech Team supported!

866.529.7664
lawsonproducts.com

• For critical maintenance applications and harsh environments
• Performs flawlessly on dirty, grimy or unknown metals
• Resists moisture – cleans as it welds
• Weld in any position; no equipment disassembly required

Maintenance Welding

Superior Weld-Ability In Any Application

General Welding

Solid Performance at a Great Price

• Best for clean environments and most welding applications
• More than 90 new products to choose from
• Organized under AWS classifications
## Welding Alloys

### Top Cronatron™ Alloys

**Carbon Steel**
- **338** – Easy to use in all positions
- **311, 315, 375** – Top performance in low hydrogen applications

**Stainless Steel**
- **3881** – For use on most 300 Series stainless steels in all positions

**Aluminum**
- **510** – Used for most aluminum alloys. Available in Stick, MIG and TIG

**Cast Iron**
- **211** – Highly crack-resistant for tough cast iron repairs

**Dissimilar**
- **333** – Joins all steels with high strength and excellent crack resistance

### Top Certanium® Alloys

**Carbon Steel**
- **AWS Alloys: E6010, E6011, E6013, E7018, E70S-6, E71T-11**

**Stainless Steel**
- **AWS Alloys: E/ER308L, E/ER309L**

**Aluminum**
- **889SP** – Stick electrode will not overheat during repairs

**Cast Iron**
- **707** – Joins all steels with high strength and excellent crack resistance
Welding Related Chemicals and Spray Powders

Our specialty welding-related chemicals cover a variety of uses like cleaning and protecting base metal prior to welding.

- Non-chlorinated metal cleaners
- Heat sink compounds
- Metallic surface protectors: rust converter, zinc compound and stainless steel coating
- Anti-spatter and nozzle dip gel for MIG welding
- Full complement of hot and cold spray metallizing powders

Flashback Arrestors, Regulators and Torches

Flashback arrestors are designed to protect people and equipment from flashbacks and reverse-flow-related explosions.

- Check valves
- Various torch sets
- Two-stage regulators for oxygen and acetylene
- Flowmeters
- Replacement tips

Process Products and Related Equipment

Broad selection of process products that include the Cronatron™ Oxy-Therm™ cutting system. Cuts, gouges and pierces virtually any material including all metals and thin concrete. It is excellent for frozen pin and bushing removal.

- MIG and TIG consumables and replacement parts
- Portable welders
- Protective shields and blankets

Welding Accessories

We carry a variety of welding accessories including a line of 4-in-1 clamps.

- Maximum versatility clamps and jigs
- Wide variety of welding tools
- Ground clamps including spring loaded, magnetic and swivel
- Electro-Flex™ welding cable and oxy-acetylene hoses and fittings

Protective Outerwear and Accessories

Our welding protective outerwear line provides necessary safety protection.

- Solar powered auto-darkening welding helmets and related accessories
- Full line of safety eyewear, shaded safety glasses and flip-down faceshields
- Leather and flame-resistant jackets, aprons, blankets and screens
- Complete glove selection for all welding processes including ARC, MIG, TIG, oxy-acetylene and plasma
A Complete Line of
Welding and Metal Repair Solutions

WELDING ALLOYS
Alloy Steels
– Nickel Chrome-Moly
– Chrome-Moly Steel
– 300 Series Stainless Steels and Dissimilar Steels
Aluminum
Carbon Steel
– Low, Medium and High
– Cutting and Gouging
Cast Iron
Copper, Brass and Bronze
– Pure Coppers
– Bronze
– Aluminum Bronze
– Dissimilars
Dissimilar Steels
– Broken Stud Removal Assortment
Stainless Steels and Nickel Alloys
– Austenitic
– Martensitic
– Dissimilar Steels
– Nickel
– Duplex
– Specialty Alloys
Titanium
Tool Steels

BRAZING
Aluminum
Cast Iron
Copper and Brass
Fluxes for Brazing and Soldering
Silver Soldering Alloys and Accessories

SPRAY POWDERS AND SYSTEMS
Hot Spray
Cold Spray
Torch Tips
Assortments

PROCESS PRODUCTS
Welding Helmets and Accessories
Face Shields and Hand Shields
Protective Clothing
– Gloves
Welding Screens, Blankets and Sheets
Welding-Related Chemicals
Heat Sink Compound
MIG Welding Process Products
Portable Welders
MIG Consumable Replacement
Parts and Accessories
TIG Torches and Accessories
Welding Cable and Accessories
– Oxy-Fuel Equipment
– Flashback Arrestors
– Flowmeters and Regulators
– Oxy-Therm™ Cutting Systems and Rods
– Air Carbon Electrodes
– Welding Hose and Connectors
– Tungsten Electrodes

ABRASIVES

CLAMPS
Ground
4-in-1 Utility Sliding Arm
2-Axis and 3-Axis Welders Angle
C-Clamps

RESPIRATORS

STORAGE EQUIPMENT

HARDFACING
Build up
High Abrasion, Low Impact
High Abrasion, Moderate Impact
High Impact, Low Abrasion
Moderate Abrasion, Moderate Impact
Specialty Wear

WEARPLATE
Discs and Tiles
Plate, Pipe and Elbows
Custom Fabrication and Assemblies

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