

Red-D-Arc
Welderentals
reddarc.com

+44(0)-800-917-1149
rda.uk.hire@airgas.com



OUR HISTORY

Red-D-Arc was started back in 1955, with one pickup truck and two Lincoln gas-driven welders. Our first rental customers were companies involved in the construction of blast furnaces, refineries, and automobile manufacturers. In 1995, Red-D-Arc was purchased by Airgas Inc., which was subsequently acquired by Air Liquide S.A. in 2016. Between 1995 and 2015 our fleet grew in size from 4,000 units to over 72,000 units.

Red-D-Arc's philosophy of providing great customer service along with reliable welding equipment that's most suited to the job requirements hasn't changed over the years. Today, Red-D-Arc is the largest provider of welding-related rental products and services in North America. Our fleet of welders, welding positioners, generators, and specialty equipment are available through over 70 service centers, strategically located throughout the United States, Canada, and Europe, as well as through an authorized dealer network.



RENTAL

Rent your welding equipment from the largest provider of welding and welding-related rental products and services in North America. Rent additional equipment as required for peak-need periods or far-away jobs, get the right equipment and maximize your fleet utilization.

- Reduce your equipment costs
- Increase business opportunities
- Try before you buy

LEASE

Red-D-Arc's WelderLogistics operating lease program provides you with all the benefits of equipment ownership while delivering additional cost and operational advantages. A cost effective option to acquire your core fleet of welding equipment.

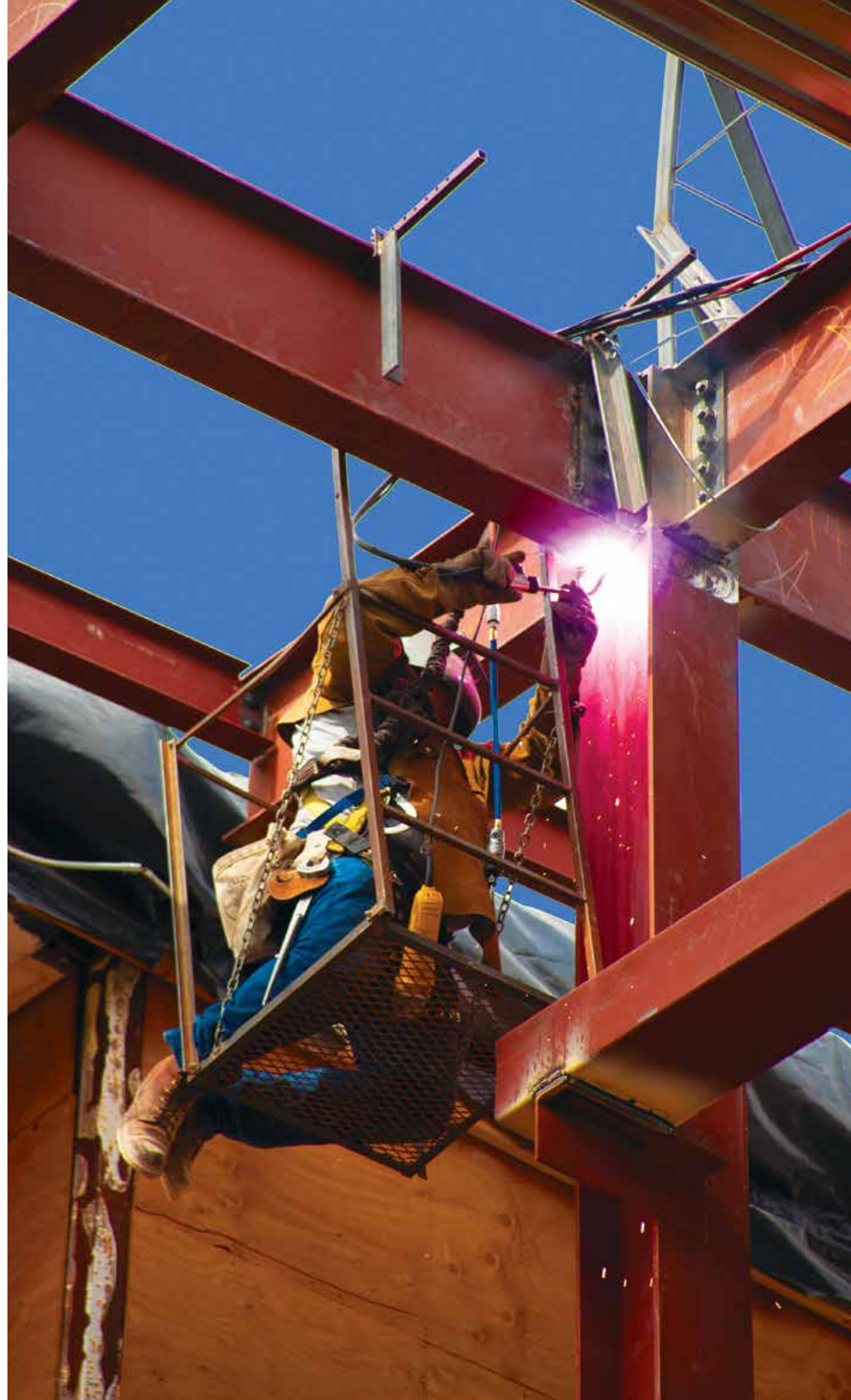
Advantages of the WelderLogistics Operating Lease Program:

- Low cost, quick and simple alternative to purchasing or capital lease programs
- Conserve your capital and avoid investing in depreciating assets
- Keep pace with new technologies
- Full factory warranty, with no charge replacement equipment during repairs
- Trade in your existing fleet for new equipment

USED EQUIPMENT SALES

Red-D-Arc sells professionally maintained used welding and cutting equipment, weld automation systems, generators and distribution panels, and blast cleaning equipment at a discount.

Our professionally maintained equipment is regularly serviced by our factory-trained technicians so you can rest assured that our used equipment is safe to operate and in good working order. With Red-D-Arc, you are getting quality equipment, backed by a company you can trust.



EXPERTISE AND EQUIPMENT

Red-D-Arc is a service-focused rental business, built on practical welding experience. Our goal is to establish long-term, sustainable relationships with our customers. We provide expert product and process selection advice, can diagnose and correct welding procedures and practices, analyze your welding operations and find innovative ways to reduce costs.

The three main advantages of renting or leasing welding equipment are cost savings, flexibility, and availability. For contractors, fabricators and other industry segments that require welding services, it's more viable than ever to consider equipment outsourcing as a means of fulfilling existing orders and contracts, not to mention the ability to quote on new business opportunities. Additional equipment can be rented as required for peak-need periods or far-away jobs.

When you're ready to weld, we're ready to supply you with the equipment you need, when you need it, where you need it.

QUALITY

Our rental welders, positioners and specialty products have been engineered and built to provide Extreme-Duty™ performance and reliability in even the harshest environments.

INDUSTRIES SERVED

- Mechanical Contractors
- Structural Steel Erectors
- Metal Fabrication
- Petro-Chemical
- Shipbuilding
- Offshore
- Pipeline
- Manufacturing
- Vehicle Repair

SAFETY CULTURE

Safety is at the forefront of everything we do at Red-D-Arc. Our safety program is designed to provide a safe workplace with ongoing safety training, state-of-the-art equipment and knowledgeable personnel.

SERVICES

We not only supply a wide-range of quality welding equipment; we also provide service that your company can depend on. Our product specialists and factory-trained technicians support you with discovery, use, optimization, and troubleshooting. Many of our weld process specialists are, CWB, CWS, CWI, CWE or CWS certified.



STICK WELDERS

Shielded metal arc welding (SMAW), also known as stick welding, is a widely used, inexpensive and versatile welding method. Commonly used on materials such as mild steel, low alloy, stainless, cast iron, and hardfacing for repair, maintenance, and fabrication. It is a good option when welding outdoors, since no shielding gases are needed, or when welding objects that are rusty or dirty. SMAW can be done in any position with no upper limit on material thickness, but is not recommended for welding anything thinner than 1/16".

Red-D-Arc stick welders are designed for optimal performance and dependability in even the harshest environments. They are suitable for welding a range of materials and thicknesses in the shop or field and can also be used for DC TIG welding. Our fleet includes compact inverters, as well as larger conventional three-phase rectifiers and portable engine-driven welders which provide enough amperage for air carbon arc gouging. For AC aluminum welding applications we also offer a range of AC/DC inverters, as well as AC/DC portable diesel-engine welders for in-field aluminum welding.

Fleet Range

Amperage Range : 50 Amps to 1,000 Amps
Compact Inverters, Conventional Rectifiers
Stand-Alone and Multi-Operator Paks
Portable Engine-Driven - Gas, LPG, and Diesel



Featured Products

The ES276i is ideal for both indoor and outdoor construction applications with outstanding E6010 and E7018 performance using up to 7/32" diameter electrodes. Standard features include digital meters, Touch-Start DC TIG, selectable Hot Start, variable Arc Force, and Remote Control capability with 50' and 100' cable extensions via a 6-pin MS receptacle. Also available in 4Pak and 8Pak multi-operator configurations.



MIG WELDERS

The MIG (GMAW) welding process can be used for welding carbon steel, stainless steel, aluminum, magnesium, copper, nickel, and silicon bronze. Generally, MIG welding requires less operator skill than other processes such as TIG and stick welding. Advantages of MIG welding include high welding speeds, better control on thinner metals and cleaner welds with no slag. We also offer MIG welders that can be used for Flux-Cored, Pulsed MIG, Stick, DC-TIG and Air Carbon Arc Gouging.

All-in-one MIG welding machines with built-in wire feeders are available, as well as combination MIG welding packages that come with a separate power source, wire feeder, drive roll kit, torch, flow-meter, regulator, ground cables, and gas hoses. Not sure exactly which MIG machine is right for the job? One of our equipment experts will be happy to make a recommendation.

Fleet Range

Amperage Range: Up to 750 Amps
All-in-One Power Source/Wire Feeder and
Power Source/Wire Feeder Packages



FX360XL/LN25X MIG Package

Millermatic 255

Featured Products

The Red-D-Arc FX360XL and LN25X MIG welding package is a rugged, easy to setup and easy to operate MIG package featuring CrossLinc remote control technology without the need for remote control cables.

The Millermatic 255 is an all-in-one MIG welding machine offering the highest output in its class. Active Arc Stabilizer technology provides excellent starts and line voltage compensation provides constant output with fluctuations in input power.





ALUMINUM MIG WELDING

Aluminum MIG welding is an excellent option when welds with high travel speeds need to be made on aluminum structures or components. Since aluminum MIG wire is softer than steel MIG wire, spool guns are often used to ensure proper wire feeding, primarily with projects that do not require high amounts of weld deposition. For applications that require higher deposition rates, a push-pull gun should be used. Push-Pull guns, available in both air-cooled and water-cooled versions, can weld for longer periods of time and on thicker metals.

Red-D-Arc carries complete aluminum MIG welding systems including aluminum wire feeders and advanced pulse inverter power supplies. We offer spoolguns and push-pull guns with synergic technology - dial in your wire feed speed directly from the wire feeder and avoid the need to travel back to the power source. Ask your Red-D-Arc representative for more details.

Fleet Range

Amperage Range: Up to 425 Amps
Power Sources, Spoolguns, Push-Pull Guns
and Air-Cooled and Water-Cooled Torches



Millermatic 350P Aluminum,
XR-Aluma-Pro Push-Pull Gun

Featured Products

The Millermatic 350P Aluminum MIG welder provides a direct connection for XR-Aluma-Pro and XR Pistol Grip air-cooled push-pull guns.

Spoolmatic spool guns are available with various length cables. The well-balanced industrial spool gun features a built-in gas valve, rotatable canister, and all-wire dual-groove drive rolls.



TIG WELDERS

Gas tungsten arc welding (GTAW), also known as tungsten inert gas (TIG) welding is an excellent option for welding non-ferrous metals such as stainless steel, magnesium, aluminum and copper. Other more exotic metals like titanium and Inconel can also be welded using the TIG process. The use of a shielding gas is required (typically argon). The TIG welding process is slower than MIG welding but provides the operator with a higher degree of precision, so it's best suited for welding applications where high quality and accuracy are required.

Our professional-grade TIG welders range in amperage from 200 amps to 750 amps with features including pulsed TIG, high-frequency arc starting, lift-arc starting without high frequency, balance control and auto-line power management which allows for automatic input voltage hookup. We also offer portable diesel-engine welders with AC welding output for in-field aluminum TIG welding with optional high-frequency when electric power is not available.

Fleet Range

Amperage Range: Up to 750 Amps
Electric and Engine-Driven Power Sources, Air-Cooled and Water-Cooled Torches, Water Coolers,
Hi-Frequency Generators, Remote Hand and Foot Controls



Dynasty 210 DX Dynasty 400 TIGRunner

Featured Products

The Miller Dynasty 400 TIGRunner is a powerful, compact AC/DC inverter that delivers superior arc performance with total AC arc-shaping capabilities. Auto-Line allows connection to any voltage or frequency while using half the power of a conventional machine.

The Miller Dynasty 210 DX combines advanced inverter technology with Auto-Line technology, offering a very flexible AC/DC TIG/Stick power supply with 0.1 to 500 pps pulse control, AC waveshape balance and frequency control, HF impulse and Lift-Arc starting.

“Red-D-Arc is knowledgeable of not only the science behind the welding but also the equipment to get the job done.”



MULTI-PROCESS WELDERS

Red-D-Arc's EX-series and FX-series inverters and DC-series SCR rectifiers include 300 amp to 600 amp models which can perform a variety of welding processes including Stick, Gas-Shielded MIG, Self-Shielded MIG, Pulsed MIG, Submerged Arc, Flux-Cored, Gas-Shielded Flux-Cored, Self-Shielded Flux-Cored, DC-TIG, as well as Air Carbon Arc Gouging.

This versatility makes multi-process welders extremely useful for those who perform many different types of welding projects involving different base metals, varying workpiece thicknesses, and specialized welding joints. Red-D-Arc multi-process welders offer premium versatility, are easy to set up and operate, yet rugged enough to stand up to heavy-duty indoor and outdoor applications.

Fleet Range

Amperage Range: Up to 680 Amps
Stand-Alone and Multi-Operator Paks



Featured Products

Red-D-Arc FX-series welders with CrossLink technology give you the flexibility to control output from hundreds of feet away without a control cable. Compatible with CrossLink wire feeders (LN25X, Activ8X), and voltage-sensing wire feeders (LN25, Activ8).

All models (except the FX360XL) are compatible with analog wire feeders (LF-72, LF-74). The FX500XL and FX650XL also connect to ArcLink digital wire feeders (Power Feed 84, Power Feed 25M) while the FX500XL features multiple synergic pulse modes including steel, stainless steel, metalcore and aluminum.



ADVANCED PROCESS WELDERS

Advanced process welders automatically adjust power and improve functionality, performance and quality by employing proprietary waveform technology that helps to eliminate spatter, reduce heat input, and increase travel speeds. Many operators find it is easier to weld with pulsed compared to other transfer methods, which can result in less training, better quality welds, as well as higher deposition rates.

Our advanced process welders provide outstanding puddle control for critical sheet metal or pipe root-pass welding. When bonding materials that are difficult to join, advanced process welders may be the right solution. Weld processes include Pulsed TIG, STT MIG, AC-STT MIG, Pulsed MIG, Pulse-on-Pulse, RapidArc, Rapid X, Rapid Z, Power Mode, and RMD MIG.

Fleet Range

Amperage Range: Up to 1,000 Amps
Advanced Process Power Sources and Wire Feeders



Featured Products

The multi-process Power Wave S350 is packed with Lincoln Electric performance technology and features advanced welding waveforms optimized for nearly any application. Patented PowerConnect Technology automatically adjusts to input power from 200-600V, 50 or 60 Hz, single phase or three phase.



MULTI-OPERATOR WELDING PAKS

Multiple operator welders were developed to allow several welding machines to be powered by a single common power supply. Red-D-Arc carries multi-operator welding systems in 4Pak, 6Pak and 8Pak configurations which are housed in rugged, weather-resistant enclosures.

These multi-operator welders provide increased safety, reduce equipment damage and offer enhanced portability on the work site since they can be easily repositioned depending on the job requirements. Stick welding versions are available as well as multi-process versions for welding with semi-automatic wire feeders. They can also be custom configured to include power distribution panels to provide power to operate tools and accessories on the jobsite.

Advantages of multi-operator welders include:

- Improved safety as a result of reduced cable clutter and fewer primary power leads
- Better environmental protection
- Easier to transport and move around the jobsite
- Enhanced serviceability as a result of fewer components
- Quicker, easier on-site setup



ENGINE-DRIVEN WELDERS

Red-D-Arc diesel, gas and LPG powered portable engine-drives are built to provide Extreme-Duty performance on construction projects or other applications where line power is not readily available. They can also provide auxiliary power for operating worksite equipment such as wire feeders, grinders and other hand tools.

These machines are capable of performing a wide variety of welding processes including Stick, TIG, MIG, Submerged Arc, and Flux-Cored welding, as well as Air Carbon Arc Gouging with models providing up to 750 amps output and 20,000 watts of 3 phase, 240 VAC auxiliary power.

Fleet Range

Amperage Range: Up to 750 Amps
Auxiliary Power: Up to 20 kW



Featured Equipment

The modern design and advanced features of the GX330XL welder/generator streamline welding operations and improve efficiency at the job site. This CrossLinc enabled, low-decibel machine includes welding modes for Stick, MIG, Self-Shielded Flux-Cored, TIG, Pipe, Spool Gun, and Arc Gouging.

Other features include TIG and spool gun pulse welding, as well as Hot Start, Arc Force, and Pinch Controls. 10,000 watts of continuous, clean 120/240VAC power are available for keeping tools and other equipment running without interruptions.



WIRE FEEDERS

Red-D-Arc offers both semi-automatic and fully-automatic wire feeders to handle a wide variety of welding processes and applications including bench wire feeders, boom wire feeders, advanced process wire feeders, portable wire feeders, and submerged arc wire feeders and tractors for both manual and fully-automated welding.

Stationary wire feeders are typically used for in-shop welding and manufacturing environments, while portable wire feeders are ideally suited for in-field applications such as construction, pipe welding, ship building, offshore welding, and maintenance and repair.

Fleet Range

Bench Style, Portable
Semi-Automatic, Fully-Automatic
Wire Feed Speed: 50 to 500 IPM



Featured Equipment

The LN25X portable and light weight field construction wire feeder helps you get the job done with fewer trips to the power source to make procedure adjustments by using CrossLinc Technology. CrossLinc allows you to set both wire feed speed and voltage at a distance, without control cables, which also results in better weld control as well as faster equipment setup.

The LN25X wire feeder is compatible with any Red-D-Arc or Lincoln inverter or engine-driven power source that has an X in their name and will also work with any CV power source as a simple, voltage-sensing feeder, but without CrossLinc capability.



STUD WELDERS

Stud welding is a great process to use when many different fasteners or posts need to be rapidly welded onto another material. Whereas the time to make a circumferential weld around a 1/2 inch bolt may take 30 to 60 seconds, a stud welder can easily make the weld in half that time. Because of how quickly these welds can be completed, it enables them to bond with little oxidation and with no need for heat concentration. It also permits for small-diameter studs to be welded to thin, lightweight materials.

With stud welding, the entire cross section of the fastener or post is fused as opposed to fusion welding, where on large fasteners, only a fillet weld is created. Red-D-Arc offers a range of fully regulated, user-friendly stud welders, stud welding machines and equipment, available in single or dual-gun versions and varying duty-cycles.

Fleet Range

Amperage Range: Up to 3,000 Amps
Stud Welding Capacity: 1/4" to 1-1/4" diameter
Weld Rate: 24 - 60 Studs Per Minute



Featured Equipment

The TW6900 is a fully integrated 3,000 amp single-gun stud welding system designed for production environments with enhanced duty cycle. The intuitive user interface includes factory and customizable presets.





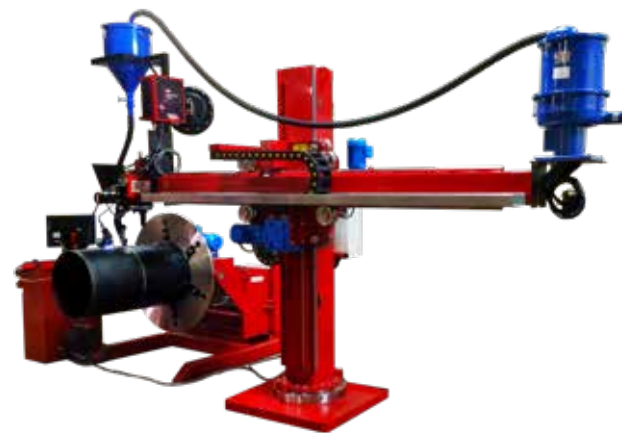
SUBMERGED ARC WELDING

Submerged Arc Welding (SAW) is a process where the weld and arc zone are submerged beneath a blanket of flux. The flux material becomes conductive when it is molten, creating a path for the current to pass between the electrode and the workpiece. It also generates a protective gas shield and a slag, which protects the weld zone. The primary advantages of submerged arc welding are efficiency and quality. When large amounts of filler material are required, the sub arc process provides high deposition rates with deep weld penetration.

We offer AC and/or DC power sources ranging from 400 amp to 1,500 amp. We have single and tandem sub-arc welding heads, wire feeders, control systems, flux management systems and weld monitoring cameras along with sub-arc tractors and weld positioning equipment. Our submerged arc power sources feature the latest in digital process control technology for increased weld speeds, higher quality welds and improved efficiencies in a single or multi-arc environment.

Fleet Range

Amperage Range: Up to 1,500 Amps
Travel Speed: Up to 400 IPM
Wire Size: 1/16" to 7/32" diameter



We have the equipment, expertise and experience to provide you with the most suitable sub arc welding system regardless of size or complexity.



MECHANIZED & AUTOMATIC EQUIPMENT

Mechanized welding involves the use of a mechanical device to hold the gun, torch or electrode. Parameters can be adjusted during welding in response to changing welding conditions. With automatic welding, weld parameters are set prior to welding and not changed during the weld. When weld quality and high travel speeds are of concern, mechanized and automatic welding equipment are often looked to for solutions. Red-D-Arc has a wide array of tools, systems and accessories available.

The Bug-O Modular Drive System is a mechanized welding system that rides the welding torch along the weld joint. Gas metal arc welding, flux cored arc welding, and gas tungsten arc welding are a few processes compatible with the Bug-O Modular Drive System.

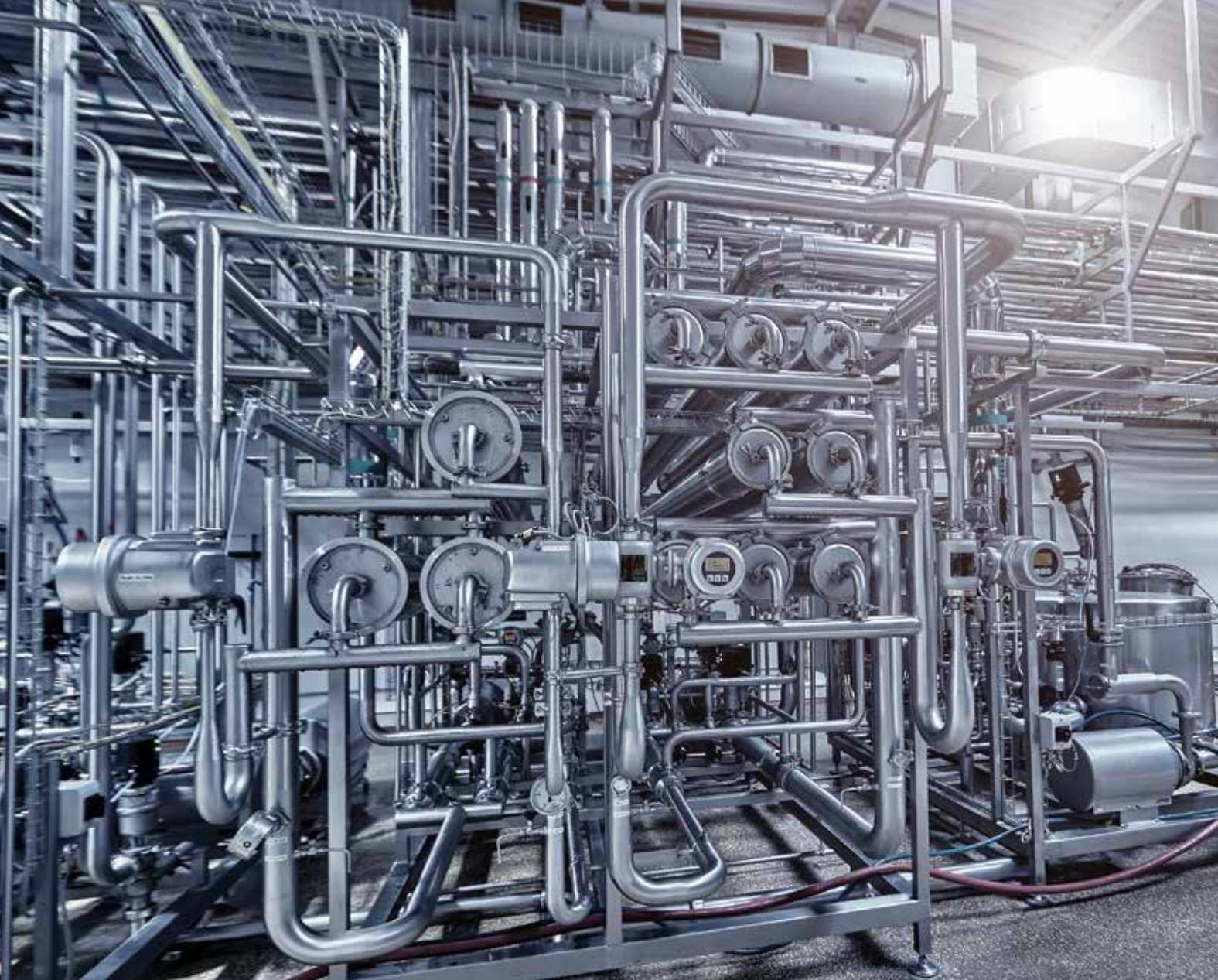
The LT-7 self-propelled mechanized wire feeder, orbital welding systems, oscillating pipe welders, submerged arc systems and a full line of hard automation equipment are available to help improve the quality and efficiency of your welding operations.



Featured Equipment

The NA3 and NA5 are ideal for heavy duty fabrication and assembly line production, depositing more metal at faster travel speeds to help increase production and cut costs.





ORBITAL WELDING & CUTTING

Orbital welding systems are mechanical devices that are used to move the torch around the pipe during welding. The welding quality and welding travel speed that orbital welding offers on both small diameter and large diameter pipe makes it an excellent choice for many pipe welding applications.

Uniform welds around pipes and tubes can be difficult to achieve with manual welding processes. Orbital welding systems simplify otherwise complex welds as well as create high quality, clean joins that are smooth, reliable and repeatable.

Orbital Cutting and beveling saws are extremely precise and won't deform the tube thanks to concentric clamping jaws. These tools are ideal for thin-wall stainless-steel tube and pipe providing an excellent, burr-free surface.

Our expert technicians are ready to help you leverage the latest technology to improve the efficiency and quality of your next tube or pipe welding project.

Featured Equipment

Axxair Orbital Fusion Closed Welding Heads are designed for closed-chamber weld head orbital TIG welding. This range of machines automatically welds end-to-end pipe, elbow joints, pipe ferrules, T-joints and SMS connectors in a fully sealed inert environment.

Axxair Orbital Cutting Saws feature stainless steel jaws, and have a cutting precision of less than 0.010" (for perpendicular cuts). They can be transformed into a facing, beveling or orbital welding machine for added versatility. The Axxair range of equipment is designed to work together to help the operator produce repeatable, clean, sanitary welds.



PIPE WELDING & CUTTING

Fabricating pipe requires the flexibility to work with multiple material types and thicknesses while always producing excellent results. Successfully making critical pipe welds that pass rigorous codes is a make-or-break situation where cost overruns must be avoided. Anywhere you weld pipe, versatility and consistent performance are essential.

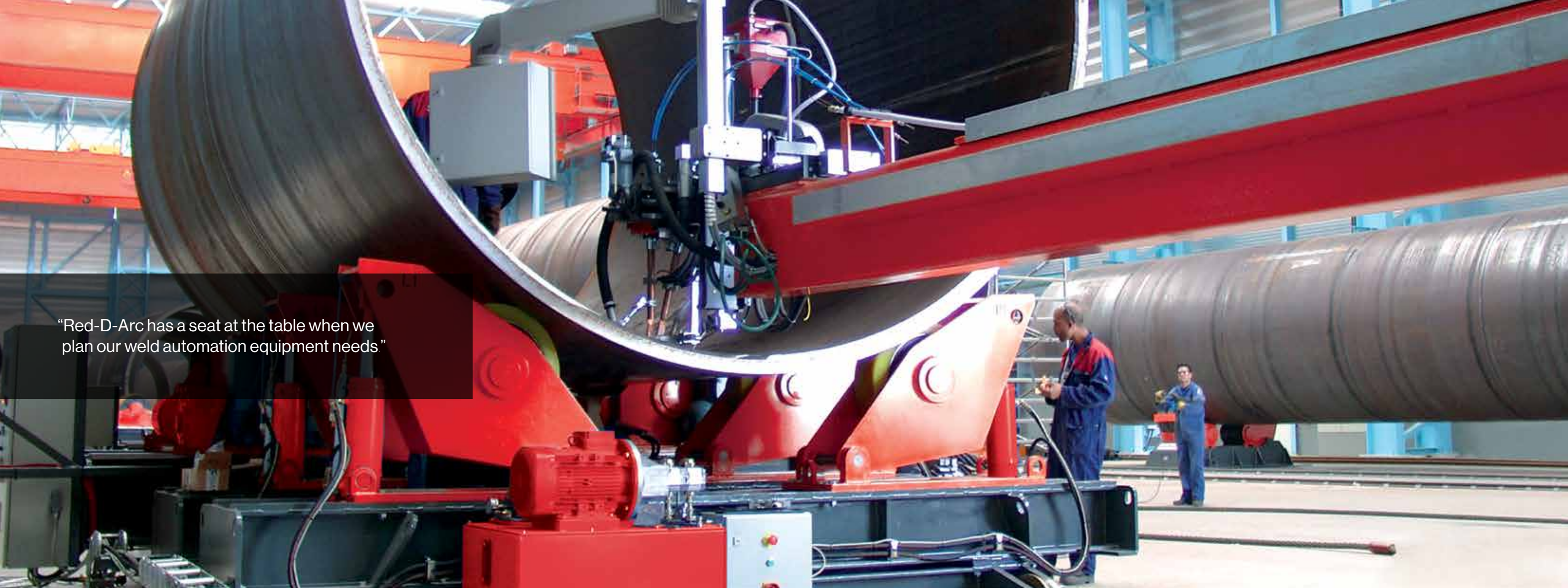
A successful pipe fabrication shop handles a wide variety of projects and processes to produce excellent welds every time — but outdated welding equipment and less-productive welding processes can keep you from achieving productivity goals and completing quality work. Pipe fabrication solutions from Red-D-Arc can maximize your shop's productivity and weld quality to give you a competitive edge.



Featured Equipment

Simplified and optimized for pipe fabrication shop welding, the PipeWorx systems streamlined set-up with one touch welding, quick process changeover, and Pulsed and Modified Short-Arc MIG processes, makes training and turn-around times faster than ever before.





“Red-D-Arc has a seat at the table when we plan our weld automation equipment needs”

WELD AUTOMATION

Weld positioning equipment is designed to safely manipulate the position of a workpiece to assist the welder. This helps to maximize the quality, consistency and productivity of welding tasks as well as reduce operator fatigue. Automatic and semi-automatic weld automation systems provide faster deposition rate, repeatable quality and fewer welding start-stops. These hard automation systems are commonly used to automate the welding of pipes, pressure vessels and tanks of varying diameters and weights safely.

Red-D-Arc welding positioners, manipulators, turning rolls and other weld automation products are available for sale, lease and rent through Red-D-Arc's global distribution network. Our weld automation equipment comes with UL/CSA and/or CE certification for electrical controls and operational capacities - a first in the weld automation industry.

- Fleet Range**
Positioners, Manipulators, Turning Rolls, Cobots
Fit Up Bed Tank Turning Rolls, Grow Line Systems
Headstock and Tailstock, TIG Pipe Cladding Systems
Seam Welders, Sub Arc Systems, Flux Recovery Systems
Xiris Welding Monitoring Packages, Storage Tank Fabrication



TURNKEY PACKAGES

Red-D-Arc designs and builds complete turnkey weld automation packages which can include integrated controls - such as digital touch-screen interfaces and camera systems - for your complete project requirements. Our team of engineers will provide you with weld process recommendations and set up all your equipment for optimized reliability, functionality and productivity.

The Red-D-Arc Weld Automation team has extensive industry experience which includes hundreds of special and turnkey installations provided to diverse sectors of industry such as Oil Exploration and Refining, Nuclear Industries, Aerospace, Defense, Steel Mills, Mining and Wind Tower Manufacture.

Our engineers and designers develop specialized solutions alongside our customers to address their unique challenges. From small positioners for integration with welding robots to 500 ton capacity positioners with unique HMI controls complete with onsite training, services and support.



BOTX[™]

Welder



THE BOTX WELDING COBOT

BotX addresses the skilled labor shortage by enabling companies to acquire easy-to-use automated welding through short or long-term rental, lease or purchase programs. The innovative on-demand model allows customers to quickly scale up - or down - their production capacity to align with current business needs, with no capital investment.

- Zero up-front investment
- Pay a flat weekly-rate
- Delivery, set-up, and training are included
- No long-term commitment with our rental program
- Full implementation support
- Ongoing virtual support through the included app



COMPLETE PACKAGE

The BotX Welding Cobot includes a UR10e collaborative robotic arm, 350 or 450 amp pulse GMAW welding power source and a wire feeder with robotic GMAW torch, all integrated on a 4' x 4' or 4' x 8' welding table. A 4' x 2'-6" mobile table is also available. All of which is controlled via the simple to use Beacon app, which is compatible with iOS and Android devices.

BotX is the easiest to use robotic welding system on the market. The Beacon app offers a searchable weld library to get you welding faster. Simply teach the arm, as you would to manually weld your part, and press play.



DOLLARS AND SENSE

With our "try before you commit" rental and lease options, the BotX can increase profitability by eliminating your capital costs while maximizing your welding productivity, unlike traditional purchase-only acquisition models.

Since the BotX enables you to scale up your weld production capacity on-demand, you can bid on jobs that were previously beyond your reach. The ability to quickly scale-up your production capacity can help you compete for larger projects, with confidence that you can deliver on time.

Installation and training are performed by Red-D-Arc Weld Automation Specialists and takes hours, not days. We'll be with you every step of the way and help you address the challenges of your specific application.



HEATING

Red-D-Arc carries heating equipment available for rent, lease or sale. Our experts will help you select pre and post-weld heat treating equipment for any application including steel erection, bridge building, pressure vessels, ASME code work, mining and power generation.

RESISTANCE HEATING

Resistance heating is the most versatile option for a wide range of heat treatment applications. Direct contact heating with the high temperature flexible ceramic pads provides a stable, uniform heating process required for code work and critical applications.

Cooperheat resistance heating equipment design is based on over 50 years experience by Stork, a market leader in the field of heat treatment. Durable power sources, with a data recorder/controller capable of remote control/viewing of the heating process, this equipment has been developed to meet the real needs of the heat treatment engineering industry.



INDUCTION HEATING

Induction heating offers fast time-to-temperature, includes accurate temperature measurements and records, and is an excellent option for pre-heat treatment applications.

Customers looking for a highly portable, field construction induction heating system may want to consider the Miller ArcReach Induction Heater. Its ultra portable size allows it to get close to the work and makes it ideal for field applications. With an 8 kW output powered off a Miller welding power source, it can preheat up to 600°F depending on material size and thickness.



The Miller ProHeat 35 is the industry standard for larger induction heating applications. It's also the workhorse for preheating large columns and bridge girders. This system features the ability to accurately monitor, control and record temperatures. With a 35 kW heating capacity and the flexibility of liquid or air-cooled cables, it can easily be used by contractors to preheat large assemblies.





STORAGE TANK FABRICATION

Red-D-Arc supplies specialized automatic storage tank welding equipment to companies in the tank fabrication industry for projects all over the world.

We carry the Koike Aronson Ransome line of tank welding equipment, designed to meet the demands of the most rigorous applications. Fabricators gain a significant advantage in the highly competitive storage tank construction industry by utilizing Red-D-Arc's fleet of automatic tank welding equipment. These systems allow tank builders to increase their production speed and efficiency, along with the addition of our expert technicians for product training and support.

The Automatic Girth Welder (AGW) performs x-ray quality horizontal welds up to 20 times faster than standard manual techniques, cutting in-field welding time for storage tanks by up to 40%. With our tank welding equipment, your company will be able to produce more efficient welds while also reducing weld defects.

Bid on projects knowing that you have a reliable, knowledgeable, Tier 1 supplier capable of meeting your storage tank welding equipment requirements.



Fleet Range

Travel Speed: Up to 105 IPM
Plate Capacity: 6 ft to 10 ft high, up to 2" thick
Tank Diameter: 12 ft and up

SPECIALTY EQUIPMENT

Our specialty equipment rental products include welding-related equipment such as plasma cutters, welding fume extractors, air compressors, oxy-fuel cutting machines, mobile weld test trailers, compressed gas cylinder cages, electrode ovens, and flux ovens to help you get the job done.

We have several models of fully insulated electrode ovens designed to remove excess moisture from welding electrodes as well as flux holding ovens to keep flux in its dry state or to dry out flux that has picked up moisture.

Our mobile welder certification trailer comes equipped for on-site welder testing and procedure certification. It includes eight welding stations, a weldment test area, and an administrative office so you can train, test, and certify your welders on site.

Compressed gas cylinder cages can provide on-site storage of up to twenty compressed-gas cylinders. The cage is all-steel tube and plate construction with expanded metal screen sides.



FUME EXTRACTORS

Fumes generated by welding can contain a variety of toxic materials which can pose a serious hazard to anyone exposed to them. Proper workspace ventilation is essential for worker safety and weld fume extractors can reduce the risk of exposure to such materials.

Fume extractors extract a higher percentage of the fumes than respirator masks and protect everyone in the work area, not just the welders. They can be moved around the job site, but can also be set up at permanent work stations.

Red-D-Arc's SE1400 welding fume extractor captures fumes up to 20" from the welding source within a 20" diameter area. Our SE1602W welding fume extractor is lightweight, compact and portable and includes two suction levels.

Both models provide a high volume and high degree of filtration - up to 99.9% efficiency. Washable and reusable or disposable filters are available. These machines can help make sure that your work space is a place where people can get their work done safely.



PLASMA CUTTERS

Plasma cutting is a metal cutting process in which an accelerated stream of hot plasma is used to cut through electrically conductive materials. An air compressor is used to provide the high-pressure, high-velocity air required for plasma cutting.

Fast cut speeds, superior cut quality, little or no secondary operations and no pre-heating help you to do more in less time. From the shop to the field, cutting or gouging stainless, mild steel or aluminum, you can leverage a plasma cutter for hand cutting metal with thicknesses up to 2 inch.

Red-D-Arc's comprehensive line up of rental plasma cutters include the highly portable Viper 30 Air, with internal air compressor, all the way up to the MAXPRO200 with superior cut capabilities, engineered for the most demanding production environments.

Red-D-Arc offers the new state-of-the-art SYNC systems which are incorporated into the next generation of the Viper 65, Python 85 and Python 105 systems. This revolutionary technology allows for the consolidation of consumable parts into a single-piece cartridge, allowing not only the proper alignment of components, but also eliminating the potential mixing of new parts with used parts. The SYNC series also features built-in intelligence when used with compatible SmartSYNC torches. The result is revolutionary optimization of the plasma process, delivering improved and consistent cut quality outcomes.

Red-D-Arc also carries Big Blue Air Pak/Plasma cutter packages for plasma cutting up to 1" thick material in the field. Rental air compressors are also available.

Hypertherm®





POWER GENERATORS

Towable diesel generators are commonly used to power welders and other tools when electrical power is not available on a jobsite. Critical infrastructure, emergency services, industrial and communication, as well as events such as outdoor concerts, need a fully-functional and dependable power source together with backup generators to mitigate the risk of electrical power outages.

Generator power is measured in kilowatts (kW) and it's important to determine the total kW needed to power your facility or tools. Some equipment can require up to three times its running power to start. The generator's maximum power output needs to be capable of meeting the potential demand. We're here to help you choose the right generator for any size project, and keep you operational day or night.

Red-D-Arc offers towable diesel engine-driven power generators for rent and sale. Our extensive inventory of generators and knowledgeable technicians can support your jobsite with dependable, uninterrupted power.

Model Range
25 kVA to 400 kVA



POWER DISTRIBUTION

Portable power distribution panels are designed to distribute electrical power safely and conveniently on the jobsite to power welders, hand tools, electrode ovens, lights and other electrical equipment.

We offer a variety of power distribution panels that can provide ample, reliable and safe options for your requirements and can also power custom configurations for specialized or unique applications, including dolly-style for enhanced portability. Our enclosures are NEMA 3R rated for additional to provide extreme-duty performance and safety in the toughest environments.

Red-D-Arc's team of qualified technicians can ensure that you have a safely distributed, dependable, and efficient power distribution system for your next job or project.



Featured Equipment
The Red-D-Arc DP50DST is a 15 kVA step-down, dolly-style distribution panel mounted in a heavy duty industrial tilt and roll cage with forklift pockets and lifting eyes. We offer a 480V to 208/120V model and a 480/600V to 208/120V model.

BLAST CLEANING EQUIPMENT

DRY ICE BLAST CLEANING

Dry ice blasting utilizes a unique combination of forces to powerfully lift surface contaminants without causing damage or creating harmful secondary waste.

Instead of employing abrasive media to grind surfaces that could potentially damage them, dry ice blasting systems from Red-D-Arc offer the ideal solution for commercial and industrial environments where cleaning efficiencies, effectiveness, and sustainability are paramount. Dry ice blasting incorporates the use of environmentally responsible dry ice pellets (produced from recycled CO₂) that are accelerated at supersonic speeds, sublimating upon impact and lifting surface contaminants from substrates. Favorable operating characteristics include:

- Non-abrasive cleaning properties
- Dry clean (no water, no moisture!)
- Precision cleaning capabilities
- No secondary waste from the media
- No chemical residues
- Environmentally sustainable



Featured Equipment

High Performance Dry Ice Blasting! The Nu Ice Age Commando 55 features a large 55 lb capacity, BlitzFeed freezeless dry ice delivery system with high flow rates, integrated moisture separator, high pressure (250 psi) capabilities and enhanced air flow capacity delivering maximum velocity.

Nu Ice Age Commando 2XP is specifically engineered for precision applications, parts cleaning, plastics and composites, tooling, and small finishing applications. Industrial grade, ultra portable, and low CFM requirements coupled with high pressure performance and capabilities.



“Their knowledge and expertise is unmatched in the industry, they have been key to our success in larger dry ice blasting projects.”



Industrial workhorse and industry recognized Cold Jet Aero 40FP and 80FP series dry ice blasters deliver high pressure performance, reliability, and versatility.

WET ABRASIVE BLASTING

Wet abrasive/slurry blasting systems are a great option for coatings removal and finishing applications requiring abrasive preparation. These systems can effectively remove tough industrial coatings as well as gently clean sensitive substrates. The incorporation of water provides dustless blasting properties (90-95%) minimizing airborne particles and delivering superior advantages relating to media consumption and containment costs.

The revolutionary Clearblast 150 Series is unlike any other wet-abrasive/slurry system on the market today by offering unmatched portability, and fully automated, operator-friendly controls. All the capabilities of larger systems in a portable, easy to use package.



Low CFM Requirements: 100 CFM to 400 CFM (Can operate off a 185 CFM portable compressor)
Media Capacities: 100 pound pot capacity provides between 1 to 1.5 hours blasting time depending on abrasive dose and pressure settings.
Water: Integrated 25 gallon water tank and direct-connect supply fitting allows for continuous water feed. Consumes less than 1 pint per minute.



NATIONAL ACCOUNTS

As the largest provider of welding and welding-related rental products and services in North America and Europe, Red-D-Arc is the only company capable of meeting the rental welding equipment needs of the largest companies in North America and Europe.

Our National Accounts program is designed to support companies doing business across various geographic areas throughout the United States, Canada, UK and Ireland.

The care, custody and control of our national account customers are the responsibility of a dedicated team of Red-D-Arc National Account Specialists. Our National Account hotline provides a single-point-of-contact to manage all equipment procurement and servicing needs, including:

- Requests for quotes (RFQs) for rental and lease equipment
- RFQs for used equipment purchases
- Rental order call-offs
- Accounts payable and receivable questions
- Service call coordination
- Process and product recommendations
- Equipment reports and other inquiries

The Red-D-Arc National Accounts team is here to meet all of your business requirements.





Red-D-Arc
Welderentals
redarc.com

 **Air Liquide**
creative oxygen