The welded seams of a WING are the strongest part of the boat. We have never had a seam fail.

- Wing Inflatables

You won't find better quality, service or support

- Economy Tent

Beginning with the first moment you speak with Miller, you realize you are dealing with a company dedicated to supplying you with a great machine and thorough service. The expertise as well as the kindness that flows from this company is second to none. I'm proud to own their machines.

- Berges Trenton Awning
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WWW.WELDMASTER.COM
Available in the following languages:
Simple Beginnings to a Global Presence

An innovative device. A simple garage. Over 45 years ago our first machine was developed in a garage in rural Ohio. Today Miller Weldmaster is a truly global company, with operations and distributors in over 100 countries.

Miller Weldmaster manufactures and services innovative and custom-made rotary hot air, rotary hot wedge, impulse welding and many other technologies for the needs of the industrial fabric and thermoplastic industries.

We partner with our customers throughout the world to pioneer new industrial fabric welding solutions, including handling research, pioneering design, and building equipment to meet their exact specifications. Our standard and automated heat-seaming equipment is used to create white water rafts, truck tarpaulins, flexible air ducting, awnings, and more.
To understand us today, look to our roots. Our founder, Al Miller served his country, built a business, and kept an emphasis on family. He once said, “Customers are always the driving force.” Although he is no longer here, his sentiments lives on today in everything we do. Every day, we build lasting relationships with our customers and with each other while continuing to build a legacy of global innovation.

Scott Miller carries his father’s legacy into everything that the Miller Weldmaster family does. He leads from the belief that, “Our customers are the reason for our existence. Our people are the reason for our success.” He and his team work hard to build a reputation for being a place where people are passionate about going to work and where customers look forward to visiting. Miller people are valued assets who are trained, empowered and supported to be excellent in their jobs. The Miller culture is a balanced blend of innovation, hard work, family values and fun. Diverse strengths are recognized and united to make seemingly impossible challenges possible. This people-first approach is the foundation of MW’s “Customer First” way of doing business. Miller Weldmaster is able to adapt to a changing marketplace because its people are committed to listen and serve their customers through a “First Choice” customer experience.
A Nationally Recognized Leader in Global Business with 22 International Distributor Partners

From Japan to India, from Asia to Europe, from the USA to South America, Miller Weldmaster is focused on the success of each customer while building global relationships.

The President’s “E” Award for Exports
The “E” Awards are the highest recognition any U.S. entity may receive for making a significant contribution to the expansion of U.S. Exports. Explosive global growth and an innovative international marketing plan earned Miller Weldmaster this prestigious award. It is a true testament to what can be achieved through excellent teamwork. “Exceptional people working together are what continues to lead us to our vision of being the First Choice Globally.”

TiE International Global Entrepreneur Award
This highly regarded award was given to President Scott Miller as recognition of his business success and leadership in creating a company with a global impact.
Serving Our Customers Is a Belief, a Commitment, and a Daily Activity

Our Application Specialists are reminded daily of the following: “If we don’t take care of our customers, someone else will.” Our founder, Al Miller emphasized the importance of serving our customers. You expect quality service and it is our responsibility to deliver it. We are confident that you will hear only positive comments about our service and support.

We design our machines to be easy to operate with limited maintenance needed. Should you have a problem, in most cases it can be taken care of over the phone, email or chat. Specially trained technicians are also available for in-field service if necessary. To ensure that repairs are quickly made, all standard replacement parts are shipped out within 48 hours of the order.

Customer Training

One factor that has played a key role in the satisfaction of our customers and the success of our business is the management team we have assembled here at Miller Weldmaster. What sets us apart from other companies in our industry is the technical knowledge and pride our team exhibits on every training and install appointment.

We believe that proper machine installation is the key to achieving maximum performance capability. A Weldmaster Application Specialist, an expert on your machine, will travel to your facility to train your employees, ensuring that you understand the complete operation of your machine. Our goal is to make sure that you are taking advantage of all of the equipment’s capabilities.
**PRESSURE:** Compressing the heated thermoplastic materials together during the seaming process to complete the molecular bond between two or more surfaces.

**SPEED:** Amount of time the heat is applied to the thermoplastic material; controlled by the time the material is exposed in the system.

**HEAT:** Electronically produced high-temperature air, heated wedge, or current impulse precisely controlled and applied between two or more layers of thermoplastic material.
Materials / Fabrics / Films We Can Weld and Bond

- Vinyl (PVC) laminated fabrics
- Vinyl-coated fabrics
- Polyurethane films
- Acrylics for awnings and marine covers
- Polypropylene-coated fabrics
- Thermoplastic rubber fabrics
- Woven polypropylene
- Non-woven polypropylene
- Rigid extruded products
- Various fusing tapes
- Non-woven polyester
- Vinyl films
- Woven polyethylene
- Polyethylene (PE)
- Weldable velcro
- Weldable Webbings
- Dissimilar materials

If you don’t see your fabric listed, please contact Miller Weldmaster for a product test.

Seam Configurations Guides & Accessories

Available for:

- Overlap Seal
- Webbing Reinforcement
- Butt Seal with Tape on Two Sides
- Hem (Hot Air)
- Hem (Hot Wedge)
- Hem with Rope
- Hem with Pocket
- Hem (Hot Wedge)
- Keder (Single Flap)
- Truckside Beading
- Keder (Double Flap)
- Butt Seal with Tape on One Side
- Lap Seal with Coverstrip on Two Sides
- Fin Seal

Our seam configurations are known to provide you with the strength, security, and appearance that your application requires. If you do not see your seam type listed, contact Miller Weldmaster for guide availability.
Extreme Seam® Machines
IDEAL FOR YOUR CHALLENGING APPLICATION

Our most VERSATILE welder
The T300 Extreme hot air and hot wedge welding machines combine versatility and accurately controlled operating parameters for product consistency. The T300 Extreme is available in 4 different models and is specifically tailored to your application(s). They are built for easy operation with a functional, easy-to-use operator interface and can be equipped with a variety of seam configurations to meet your specific production demands.

For the TOUGHEST production demands
No matter what your product is or how complicated your seam may be, the T600 Extreme can handle any size job. With an outboard fabric puller, you are able to reduce your material handling allowing your operators to focus on the welded seam.

The versatile T600 extreme is available in 5 different models and is specially tailored to your application(s).

From banners or awnings to tents or inflatables, the T300 Extreme and T600 Extreme are the most versatile welders for any application.
EFFICIENCY you care about. Performance you crave!

The 112 Extreme high performance welder is our fastest and most precise welder for long straight seams. It has a large range of production capabilities and is easy for the operator to use. With precision-controlled welding parameters, easy recall settings, and an ergonomic design, the 112 Extreme is built to take production and efficiency to the next level.

Available in configurations from 3m to 30m long!

- Eliminate multiple finishing stations
- Reduce time and labor
- Easy one-person operation
- Drastically reduce material handling

Weld a DYNAMIC range of technical textiles

The Impulse Extreme 3.0 machine incorporates an effective thermo impulse seaming technology with precision-controlled welding parameters that will create the best looking and strongest seams. Precise, accurate and easy to use with a single operator, the Impulse Extreme is designed with upper and lower welding bars for consistent heat and flat seams.

SEAM, CUT AND NOW GROMMET ALL ON THE SAME MACHINE - NO MATERIAL MOVING IS REQUIRED!

THE IMPULSE EXTREME IS AVAILABLE IN MULTIPLE LENGTHS. FOLD OPTION AVAILABLE.
SPECIFIC welder for your specific needs

Standardize your process with a portable workhorse dedicated to weld the perfect seam every time. The Spec Extreme Wedge Welder has been designed as a "specific", single purpose welding machine to accomplish a particular weld style.

SMALL portable welder designed for the production of multiple products

 Comes fully assembled and ready to weld stationary or can be equipped to travel on a table top track. The Triad Extreme Universal is packaged to meet a variety of industrial fabric welding demands with easy to use controls for consistent welding.

The World’s ONLY dual-directional hot air welder for tents, tarps and covers!

The Seamrover DD’s dual direction and patent pending hammerhead nozzle makes this new hot air welder the industry’s fastest and easiest to use. It is a reliable hot air welder built for welding overlaps, pockets and webbing with high speeds for long straight seams. By welding either forwards or backwards you are able to reduce welding time and increase seam visibility.
A ROBUST sign seamer for your banners and signs!
The T2 Extreme is a table mounted welder for any small job. It’s designed to be heavy-duty for long use with a driven top and bottom weld roller for consistent pressure and reduced wrinkles.

A PERFECT fit for any size SIGN business
The T3 Extreme hot wedge welding machine was designed with the smaller business in mind. It will produce all the seam configurations required for the banner and sign maker. It is efficient and has simple controls for consistent product construction.

Complete automated sewing solution for a variety of applications!
The digitran is a complete sewing solution that does not require any seamstress skills! With the robust Dürrkopf Alder sewing machine, easily sew digital textiles, tents, tarps, awnings and more. Easily finish all your long runs and take your production to the next level!
Packaging Systems, an industrial sector of Miller Weldmaster, is the technological leader in the development and manufacturing of welding machines for the polywoven polypropylene bag industry. With over 40 years of experience, we design and build robust, dependable packaging industry hot air welders. Our machines are recognized for their quality, durability, innovation, and value.

ANY BAG...ANY SEAL!

• The Most Versatile Bag Sealers
• Agricultural, Animal Food, Chemicals, Pet Food, Minerals, Medical, and More…
• Easily integrates with a new or existing bag line
• Controlled line speeds enable synchronization
• Pinch, Double-Fold, and Backseam Seals available
• NO glue, NO hot melt, NO adhesives

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Dual Directional Welding for dramatically reduced welding time

The Seamrover DD’s dual direction and hammerhead nozzle makes this new hot air roofing welder the industry’s fastest and easiest to use. Use the Seamrover DD to weld long, straight consistent seams, utilizing the industry’s first innovation in welding either forward or backwards for reduced welding time and increased seam visibility.

High-Powered Hot Air Hand Tools for Touch Up Work and Repairs

The ELITEAIR is a high-powered hot air hand tool for increased membrane adhesion. With accelerated warm up times to get you started almost immediately and a light weight, balanced design, the ELITEAIR will deliver solid performance all day long.
The Seamvision System is designed to provide another level of seam measurement integrity. It is a continuous, visual analysis solution for standard and automated systems. Its built-in logic provides the capability to document all welding seams and monitor every production process. Using high-speed thermal imaging technology, the Seamvision System is able to continuously and consistently monitor your seams. The Seamvision technology is used in the military and aerospace industry for structural inspection. It has now been adapted for the industrial fabrics and technical textile industries by Miller Weldmaster.

Seamvision will provide your customers with an extra level of comfort, provided by the knowledge that their product was manufactured under strict system controls.

Visual and audible seam monitoring alarms to alert operator
Simple, easy to use touch screen for setting welding parameters
Inspection of seams using hot air or hot wedge to meet any product demand
Consistent data output into CSV file thru USB for quality reporting and records-keeping

Comprehensive Seam Inspection System
Real Metrics in Real Time
New cutting-edge technology that allows you to easily monitor all your production OUTPUT instantly in real time throughout the day. MillerCONNECT monitors your equipment to provide accurate and timely information on your machine performance.

The fastest way to reduce costs for manufacturers is to become more efficient by reducing downtime, achieving optimal machine performance and increasing product quality.

In fact, research shows that manufacturers using an IoT solution saw an average of 28.5% increase in revenue.

- Increased output
- Decreased manufacturing costs
- Reduced downtime
- Gain mobility access from anywhere
- Receive reports and alerts via email or text for quick action and review
Miller Weldmaster’s automated systems are designed for productivity enhancement and labor inputs reduction. We can design and manufacture industry-specific equipment from custom tarpaulin fabrication, swimming pool manufacturing, cured-in-place pipeline making, filter tube production, geo liner welding and more. Our engineering staff will help create a machine that is tailored to your unique demands!

Enjoy More Productivity and Profitability with a Custom, Automated Solution

A complete line of fabric handling equipment (rewinding, folding, slitting, and cutting) is also available to meet your production requirements.
We design machines specifically built for your needs, with production and payback concerns in mind. Over 45 years of industry knowledge enables us to perfectly pair your application with a properly designed Miller Weldmaster Automated Solution. This pairing can produce three to four times your original output. Let us help you automate your business and accelerate your profits!
A Mission that Guides Us Today and Tomorrow

The Miller Weldmaster family is made up of quality people. We are proudly dedicated to the efficient and profitable delivery of manufacturing and making solutions available to our customers. We will responsibly grow into new markets as well as maintain existing markets. As a company, we agree to commit our efforts and resources to innovation and the best possible customer service. We will custom-tailor our equipment to our customers’ needs while developing practical, affordable, quality products. We have a passion for continued improvement and excellence in serving our industry and employees.

The First Choice
Globally of All Industrial Fabric Welding Solutions!

www.weldmaster.com
Visit our website to watch a video or learn more on our full range of products.

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