MILLER WELDMASTER®

The First Choice Globally

RELIABLE
INNOVATIVE
VERSATILE

WHO WE ARE

OUR HISTORY / OUR VALUES & PRINCIPLES

Simple Beginnings to a Global Presence

An innovative device. A simple garage. Over 50 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. 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.

MILLER WELDMASTER®
The First Choice Globally
PROUDLY SERVING OVER 125 NATIONS

The President's "E" Award for Exports

A SENSE OF HISTORY
+ A VISION OF THE FUTURE

A Creative Mind
An Inspiring Mentor

Al Miller
Founder

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 live on today in everything we do.

Our Vision
A Commitment to Place People First

Scott Miller
CEO

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 worked hard to build a reputation for being a place where people are passionate about going to work and where customers look forward to visiting. The Miller team are valued assets who are trained, empowered and supported to be excellent in their jobs.

A Continuing
Legacy

Brent Nussbaum
President

With over 25 years of experience, Brent Nussbaum serves as our current President. He's had the unique opportunity to work with all three generations of Millers. When he started, he was able to work side by side with Al Miller. He is now mentoring the Miller grandchildren coming up through the business today and continuing to instill the Miller work ethic, vision, and culture. Every day we build lasting relationships with our customers and with each other while continuing to build a legacy of global innovation.

WE BELIEVE IN THE CUSTOMER + A COMMITMENT TO GLOBAL ACHIEVEMENT

Serving Our Customers Is a Belief, a Commitment, and a Daily Activity

Our Service Technicians 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 Support

With over 15 Miller certified technicians, we are dedicated to maintaining customer relationships and assisting in keeping your machine running at its optimal performance. **Our Resolution Center** is staffed by team members who each have 20+ years experience building, installing, and servicing our machines. Our in-house center allows us to quickly respond to your technical service support needs.

SEAMING TECHNOLOGIES
FOR MULTIPLE APPLICATIONS

HEAT:
Electronically produced high-temperature air, heated wedge, impulse heat or radio frequency energy precisely controlled and applied between two or more layers of thermoplastic material.

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

PRESSURE:
Compressing the heated thermoplastic materials together during the seaming process to complete the molecular bond between two or more surfaces.

POSITION:
The mechanically or digitaly postioned heat source into the welding area for the maximized application of heat.

WELDABLE MATERIALS + SEAM CONFIGURATIONS

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 hook and loop
- Weldable webbings
- Dissimilar materials
- SEG (Sew)

If you don't see your fabric or seam type listed, please contact Miller Weldmaster for a free product test.

Seam Configurations Guides & Accessories

Available for:

Overlap Seal

Webbing Reinforcement

Hem with Rope

Keder

Truckside Beading

Butt Seam

Lap Seal

Hem (Hot Air)

Hem with Pocket

Hem (Hot Wedge)

Fin Seal

Sewn Seam

Dropstitch

Custom RF Shape

Our seam configurations are known to provide you with the strength, security, and appearance that your application requires.

EXTREME SEAM® MACHINES
IDEAL FOR YOUR CHALLENGING APPLICATION

T300

Our most VERSATILE welder

The T300 hot air and hot wedge welding machines combine versatility and accurately controlled operating parameters for product consistency. The T300 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.

FOUR ARMS BUILT INTO ONE MACHINE!

DOUBLE **ROLLER**

SWING **ARM UP**

SWING **ARM DOWN**

SINGLE **ROLLER**

MONITOR YOUR
SEAM STRENGTH

T600™

For the TOUGHEST production demands

No matter what your product is or how complicated your seam may be, the T600 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 has a wide throat and is available in 5 different models and is specifically tailored to your application(s).

SEAMVISION™

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

Comprehensive Seam Inspection System

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.

FOR YOUR LONG STRAIGHT SEAMS.
WELD, CUT, AND GROMMET

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

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

PORTABLE WELDERS

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 is packaged to meet a variety of industrial fabric welding demands with easy to use controls for consistent welding.

The FASTEST portable welder

This hot wedge welder comes fully assembled and ready to weld stationary or traveling on a track. The Triad Extreme HS is designed to weld fast overlap applications.

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 time to get you started almost immediately and a light weight, balanced design, the ELITEAIR will deliver a solid performance all day long.

MOST EFFICIENT SOLUTIONS
FOR THE SIGN INDUSTRY

Complete automated sewing solution for a variety of applications

The digitran is a complete sewing solution that does not require any sewing skills! With the robust Dürkopp Alder sewing machine, you can easily sew digital textiles, tents, tarps, awnings and more. Easily finish all your long runs and take your production to the next level!

A TABLE TOP WELDER 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. The T3 Extreme is efficient and has simple controls for consistent product construction.

THE MOST VERSATILE
RADIO FREQUENCY MACHINE

The RFlex stationary welder is the industry's most versatile radio frequency welder.

- Universal usage for PVC, PU, TPU, and reinforced technical textiles.
- Large, foldable worktable with deep trough creating ample space behind the electrode for easy material handling.
- Ultrafast monitoring of arcs and overloads for protecting the integrity of the electrodes and the welded material.
- New generation stable and efficient RF power generator.
- Easily change dies with QuickGRIP release system of the electrodes.

The RFlex Press welder is the industry's leading multi-purpose radio frequency welder.

- Universal usage for PVC, PU, TPU, and reinforced technical textiles.
- Small footprint and great work ergonomics.
- Goose Neck or Table working area.
- 7" Touch screen for operator ease.
- Precision line, spot, and curve welds.

AWNING TARP TENT ROLLER DOOR

Radio Frequency creates consistent clean looking seams without any mess of adhesives or solvent.

AUTOMATED TRAVELING
RADIO FREQUENCY WELDER

RFLEX TRAVEL

The RFlex Travel is a radio frequency welding machine with a traveling head for the production of large format PVC and PU products.

- Universal usage for PVC, PU, TPU, reinforced technical textiles, or film.
- Easy material handling with work table length up to 100m.
- Easily change dies with QuickGRIP release system of the electrodes.
- Manual, semi-automatic, and automatic operation.
- Fully automated weld cycles with 100 weld cycle recipe memory.

POOL TARP TENT

RF welding technology also allows you to hit the same area of the weld more than once, where other technologies do not.

AUTOMATE YOUR BUSINESS...
ACCELERATE YOUR PROFITS!

autobond
AUTOMATION SERIES

Enjoy More Productivity and Profitability with a Custom, Automated Solution

Miller Weldmaster's automated systems are designed for productivity enhancement and labor input 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!

A complete line of fabric handling equipment (rewinding, folding, slitting, and cutting) is also available to meet your production requirements.

OUR AUTOMATED SOLUTIONS
+ CUSTOM SYSTEMS

We design machines specifically built for your needs, with production and payback concerns in mind.

Nearly 50 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!

Concept. Design. Build.

MILLER WELDMASTER
PACKAGING SYSTEMS

www.weldmaste.com/packaging

Top Bag Closing System

built for speed, efficiency, and precision

The PS150 is designed and built to weld and seal poly-woven, thermoplastic, and paper bags. It can be easily integrated into new or existing bag lines.

PS150

Features, Functions & Benefits:

- Digitally controlled for quick production start up
- Controls enabling synchronization with converting line
- Precision folding system for clean, straight folds
- Recipe management system for easy recall of different batches
- Quick change folding system for size and type of fold
- No glue, adhesives or hot melt

Seal Type: Pinch Closure

ANY BAG...ANY SEAM!

PS400 | Bag Closing System for an efficient and streamlined sealing process

The PS400 is designed and built to weld and seal poly-woven, thermoplastic and paper bags. It can be easily integrated into new or existing bag lines.

Features, Functions, & Benefits:

- Digitally controlled for quick production start up
- Controls enabling synchronization with converting line
- Precision folding system for clean, straight folds
- Recipe management system for easy recall of different batches
- Quick change folding system for size and type of fold
- No glue, adhesives, or hot melt

Seal Type: Pinch Closure and Double Fold Closure

PS300 | Back Seam Sealer for tube seaming

The PS300 is designed and built to weld and seal poly-woven, thermoplastic bags in the tube form with an overlap seal. It can be easily integrated into new or existing bag lines.

Features, Functions, & Benefits:

- Digitally controlled for quick production start up
- Servo controlled enabling synchronization with converting line
- Recipe management system for easy recall of different batches
- Quick change guiding system for size and location of back seam
- No glue: eliminating consumables
- Heat, speed, and pressure ensure the strongest seals

Seal Type: Pinch Closure and Back Seam

MILLER WELDMASTER PACKAGING SYSTEMS

Miller Weldmaster is pleased to continue their partnership with Zemat Technology Group and be the North American distributor of Zemat's highly innovative line of corrugated box making systems, Boxmat Boxmakers. This partnership combines Miller Weldmaster's industry leading presence in North America with Zemat's global reach of technologically advanced machines. We offer a combination of European technology and American service and support.

BOXMAT HD

The Most Versatile Box Making System

The BOXMAT HD is the newest heavy-duty corrugated box making system for highly demanding short-run manufacturing processes. This machine is fully configurable to be used with manual feed, a printer, or a precision corrugated feeder. Select one of the 100 box styles saved and the machine will begin slotting, cutting, scoring, creasing, board trimming, die-cutting, and gluing ALL IN ONE MACHINE!

BOXMAT XCUT

Semi-Automatic Box Making Machine

The BOXMAT XCUT is an economical and versatile machine designed for short-run box production while offering an excellent price to performance ratio. It is a box maker specially designed for short to medium runs of corrugated boxes. With a less than 60 second setup time, the machine can make boxes of virtually any size and style from regular small boxes, to large wraps and pallet boxes with the flexibility of quick box size change.

zemat TECHNOLOGY GROUP

Automated Box Making Machines!

BOXMAT PROX

Fast, Flexible, Versatile Box Making Machine!

The BOXMAT PROX delivers quick ROI by optimizing box-making with its versatile, all-in-one design. Ideal for short to medium production runs, it produces boxes automatically, eliminating the need for expensive cardboard contracts and reducing inventory storage. It's plug-n-play design increases the functionality of the machine. Add on various feeders based on needs as well as glue or printing functionality. With the BOXMAT PROX, companies can streamline operations, reduce costs, and maintain high-quality, customizable box production.

FLEXOMAT

Corrugated Cardboard Flexographic Printer

The Flexomat is a corrugated cardboard flexographic printer that works inline with any Boxmat PRO machines, or it can be used as a stand alone printer. Print full size boxes up to 2400mm (94") wide with one or two colors! Optionally, the Flexomat can be fitted with a second independently driven and controlled drum/cylinder to double the print area, or for the use of a second color.

miniFLEXO

MiniFLEXO is the latest printer model for the BOXMAT PROX and HD series machines. It was created from our experience in the box printing technology. Printing on cardboard boxes has never been so easy to do. The system is an ideal solution for customers producing boxes both for their own needs and as a subcontractor.

The First Choice Globally Of All Industrial Fabric Welding Solutions!

SELECT LANGUAGE

50
YEARS OF FABRIC WELDING!

15+
INDUSTRIES SERVED

5,000+
SATISFIED CUSTOMERS

7,000+
MACHINES INSTALLED WORLDWIDE

MILLER WELDMASTER®
The First Choice Globally

www.weldmaster.com

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

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