

2220 Meridian Blvd., Suite #AF937, Minden, NV, 89423, USA

+1 (877) 672 2622

+1 (775) 981-9041

sales@tensilemillcnc.com

ABOUT TENSILEMILL CNC INC.

TensileMill CNC offers small and large, high speed, tensile sample preparation machines designed to prepare the highest quality flat and round tensile test samples. Manufacturers need information about the mechanical properties



of their raw materials which are often in bulk forms such as sheets or rods. Accurate tensile testing results are highly dependent on the preparation of a tensile sample of the raw material that is of the highest quality.

Some manufacturers contract with a machine shop to prepare samples, but TensileMill CNC offers customers the ability to machine their specimens in-house. All TensileMill CNC's machines provide an intuitive and user-friendly tensile software, enabling the simple control of the specimen machining process from start to finish. Preparing samples in-house eliminates the expense, repeatability and accuracy, and the turn around times associated with having specimens prepared by an outside laboratory. Additionally, this is a long-term, cost-effective solution for any size manufacturing, educational or government facility.



Our global partnerships with quality manufacturer of Tensile Testing equipment allows TensileMill CNC to offer manufacturers, educational facilities and government organizations a one-stop shopping solution for ***all*** tensile testing related needs.

UNIQUE VALUE PROPOSITION

Easy-to-Operate: Our TensileSoft

The TensileMill CNC line-up is equipped with our tensile interface which allows the operator to quickly and easily enter your desired tensile specimen size based on the parameters listed in your ASTM, ISO, DIN, JIS or other industry standards. The machine will accurately mill the samples to spec every time. All common industry standards are pre-programmed into the Library of Common Standards for easy access and sample milling.



The Tensile Software also makes adding and adjusting specimen sizes extremely easy with the use of our touch screen interface. This is possible for both flat and round specimens. The following video shows this best: <https://youtu.be/Nww06CJE3XI> Irregular or complex specimen sizes can be prepared with the upgraded CNC software.

General Purpose CNC Machining Capabilities

Though TensileMill CNC is a global leader for tensile specimen preparations, each unit can also perform as a general-purpose CNC machine with a MACH 4 G-CODE operational software. This means that the machine can be a hybrid unit, helping your facility meet any potential CNC machining requirements.

Accuracy and Repeatability

Preparing tensile specimen accurately and in accordance with the specific industry standards is what TensileMill CNC Inc. is all about! Our standard machines offer position repeatability accuracy of 0.01mm (0.0004") and better. This is well within all known industry standards, therefore will allow you to safely and efficiently prepare accurate specimens every single time.

Ultimate Service and Support

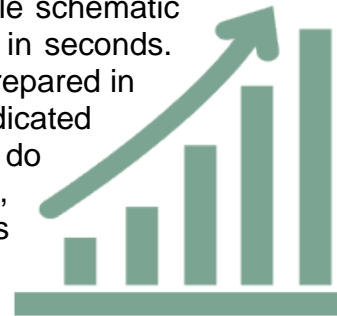
All TensileMill machines are backed by a life-time service and support guarantee. This means that as long as you are operating one of our machines, our engineers and CNC consultants are always available to help answer your questions, trouble shoot any issues and provide you with the required solutions in the shortest possible amount of time. Whether you are within your warranty terms or outside, know that TensileMill CNC Inc. has got you covered. Our extensive global network of partners offers the option to have a qualified engineer visit your facility virtually anywhere you are. We are always a call or an e-mail away.

2220 Meridian Blvd., Suite #AF937, Minden, NV, 89423, USA

+1 (877) 672 2622 +1 (775) 981-9041 sales@tensilemillcnc.com

Increase Efficiency and Minimum Operator Involvement

By simply entering your required measurements on the tensile schematic with the touch screen interface, the machine is ready to mill in seconds. The samples that used to take hours to prepare can now be prepared in a fraction of the time by simply pushing 2-3 buttons. The dedicated software, custom tensile specimen fixture and specialty tooling do the rest. What more is that once the machine starts working, the operator can focus on a different task altogether. This tremendously **increases the production output** and simultaneously frees up operators' **valuable time**.



Cost Savings

Eliminating the need to outsource sample preparation to a third party laboratory can save a manufacturing facility tens of thousands of dollars annually. Beyond this, all TensileMill CNC machines are designed to be easy and cheap to maintain. Above all, you will not have to worry about any unforeseen expenses because **all software upgrades are free for life**.



Ship Your Samples to TensileMill

It gives our customers a great peace of mind to be able to send their samples to our production facility. We will mill your tensile samples; create a professional video of the process; and send the samples back for your inspection along with our best engineering recommendations. Simply let us know if you would like to take advantage of our free sample preparation and we will help you take care of the rest at no cost.



All Consumables and Spare Parts

TensileMill CNC, Inc. offers a full range of consumables, clamping fixtures and spare parts for all of your tensile sample preparation needs. Most all items are carried in stock or can be custom manufactured with contracted lead times.



The consumables include specialty end mills for both soft and hard materials uniquely designed for tensile specimen preparation. The end mills have been custom-manufactured based on parameters of superior quality, longevity and optimal performance when combined with the TensileMill CNC product line. This prolongs the longevity of each end mill for maximum quality and quantity of tensile preparation. Though there are numerous factors involved in determining exactly how long each end-mill would last, one thing is for certain, the TensileMill CNC end mills are sure to beat the competition by a long shot.

The clamping fixtures include our industry leading tensile specimen designated models covering the full ranges of industry standards including ASTM, ISO, DIN and JIS. Custom clamping fixtures for soft and irregular shaped specimens is available by request. Simply submit a [detailed quote request](#) and we will take care of the rest.

Safety Features

Each tensile sample preparation machine is designed with the latest, state-of-the-art safety features such as emergency stops, heavy-duty protection covers and more, as part of our Safety-First initiative. We have successfully passed the safety standards by some of the most rigorous inspectors in North America in automobile, aerospace and government R&D facilities.

North American Assembly

Without exception, all TensileMill CNC Inc.'s machines and consumables undergo the final assembly, quality inspection and manufacturing processes in North America.



PROFESSIONAL BUSINESS REFERENCES

In my 15 years of as a QA manager I have never worked with an instrument which is so incredibly simple to operate. When we first got the equipment it took just a few minutes for me to figure it out. Moreover, by the second hour I was comfortably teaching my newer staff how to operate the machine. I love the library of common tensile dimensions and the ability to enter custom data on the touch screen controller. It is rear to see a dummy proof equipment on the market. We than TensileMill CNC. Inc. for figuring this one out.

Armando F.
QA Manager
MST Steel

2220 Meridian Blvd., Suite #AF937, Minden, NV, 89423, USA

+1 (877) 672 2622 +1 (775) 981-9041 sales@tensilemillcnc.com

The Software is astonishing! We particularly enjoy the library of common standards. In our initial discussion of technical specifications, we asked for the machine to be programmed for the ASTM E8 standard based on our customer needs at that time. We were pleasantly surprised to find the software was equipped with many ASTM, ISO, JIS, and DIN standards. This came particularly handy when our recently acquired customers needed us to prepare them with tensile samples according to ISO standards.

Tatiana Naumovichski
Quality Control Engineer
Denso Manufacturing and Denso Automotive Group

Happy with our investment. We received a better value at a more competitive price. Before buying, we sourced 3 quotations, including TensileMill. TensileMill met all technical needs and had the added value of the easy to use software interface. The unit was lower priced relative to the competition and fit well in our budget.

Justin P.
Quality Supervisor
Extruded Aluminum Corporation

We specialize in part production with inconel metals. Our materials are upwards of 50HRC and require a tensile tester with 5000 kN capacity. Daily we prepare roughly 30-40 samples. We were out there looking for a robust and user-friendly machine to be operated by our junior engineers in our new R&D division. We had sent our samples to TensileMill to be tested before making the final purchase. The guys at TensileMill turned our samples, made a video of the process and sent the sample back to us for inspection. We were very impressed. TensileMill CNC MINI was the solution for our needs. Over the years, this machine had proven itself over and over to be both powerful and reliable. Since we purchased the MINI, our capacity had increased to roughly 50 samples per day. After months of rigorous work with the unit, the only maintenance expense we have are the endmills. We had looked into purchasing them with other suppliers, however they last about a third of the time that TensileMill's endmills do, yet the cost is about the same.

Sam V.
John Watkins
Senior Quality Control Officer
Merit Technologies World

Before buying the unit, we had never heard of TensileMill CNC Inc. Our trust was earned when TensileMill invited us to visit their facility and see the unit's operation for ourselves. We brought our specimens along for the trip. I must say, that at first I was very skeptical, because I have never heard of a "tensile preparation designated machine". The good news is that skepticism is no longer an issue. We are proud owner of the TensileMill CNC MINI. What more, we really appreciate the way TensileMill handled themselves prior to the purchase and how they are continuously showing their support after the fact. We get occasional courtesy check ups to make sure that we are all set. It is nice to be cared for.

Randy C.
 Quality Control Manager
 Valmont Industries



PROFESSIONAL BUSINESS REFERENCES

<u>MST Steel Corporation</u>	<u>Extruded Aluminum Corp.</u>	<u>Valmont Industries</u>
Armando Figueroa Sr. Quality Control Engineer 586 773 5460 ext. 260 armandof@mststeel.com	Justin Palethorpe Quality Control Engineer 616 794 0300 ext. 134 justinp@extrudedaluminum.com	Randy Christensen Phone: 402-359-6401 Cell 402 651 0037 randy.christensen@valmont.com

MANUFACTURING, EDUCATIONAL AND GOVERNMENT FACILITIES

DENSO DIAM DEPUY SYNTHES BOSCH CORPORATION MERIT TECHNOLOGIES MAGNA INT'L ARCELORMITTAL BLUE ORIGIN EMERSON ELECTRIC	Oregon DOT Oklahoma DOT National Renewable Energy Laboratory Nevada DOT Montana DOT NSF International	University of Massachusetts University of Arkansas NC State University Stanford University Rowan University University of Minnesota Virginia Polytechnic University of Nevada, Reno
---	---	--