

You have a problem...
Meet the solution



Tennessee Rand

We challenge you...
to challenge us

100,000 Square Feet of Guaranteed Machining and Robotics Solutions

We are the solution

Solutions Every Day

Tennessee Rand is a full service automation integrator. Our specialties include welding system design, high-quality weld fixtures, robotic integration, custom CNC machining, and on-going service and support. Over the years, Tennessee Rand has developed a stellar reputation for quality products, speed of delivery and customer support. This has resulted in exceptional customer loyalty. We maintain customer relationships by designing and building high quality equipment, utilizing the “can do” attitude of our employees, and providing exceptional service and support. We maintain our edge over the competition by designing, machining, assembling, programming, and servicing our equipment in house. By not sending work to outside contractors, we are able to provide better quality control and delivery. In order to meet these commitments, we have built a production facility with one of the most extensive inventories of machine tools in the Southeast. We specialize in creating comprehensive solutions to your most complex tooling challenges every day. The backbone of our success is a state-of-the-art machining shop maintained within our 100,000-square-foot facility. As we have grown and expanded our services, we have not forgotten our roots. We continue to invest in and expand our machining capabilities. We are proud to possess one of the largest, state-of-the-art machine shops in the Southeast, including over 30 Mazak CNC machining centers and 3 Mazak turning centers. We are certified as an ISO 9001 company, and we are qualified to perform work for the nuclear Industry as we are in full compliance with NQA-1 1989.



Tennessee Rand

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tennrand.com



We redefine “impossible”

Expert Engineering

With tight capital spending budgets and pressure-packed production schedules, you can't afford to take risks with parts requiring tight dimensional tolerances, high quality standards and safety-critical welds. Bring them a company known for creating comprehensive solutions to your most complex tooling challenges — Tennessee Rand. Every day, customers challenge us to improve the quality of their processes, while simultaneously reducing costs, cycle times and deliveries. And, every day, our engineers deliver. Many companies make that claim but we have the track record to prove it.



Unrivaled Dedication

Our entire staff is intensely dedicated during every aspect of work for customers. The sheer volume of voluntary overtime that our employees log for clients is the true indicator of the commitment to unparalleled service. Over the course of a project, they come to think of themselves as an extension of your workforce. You will too, when you see that they take any setbacks as personally as you do, and that they will do whatever it takes to ensure your success. Does it all sound too good to be true? Do you think that no company can fully meet the demands that are being heaped on you every day? If so, we at Tennessee Rand challenge you to challenge us.

State-of-the-Art Machining

Tennessee Rand is one of the largest machine shops in the Southeast, located in a state-of-the-art 100,000-square-foot facility, serving local industry since 1980. We are a two-shift operation with full capabilities to ensure quick turnaround.

Industries

- » Automotive
- » Aerospace
- » Military
- » Power Generation
- » Heavy Equipment
- » Recreation Vehicles
- » Nuclear



Laser Welding and Cutting

As automakers or aerospace firms strive to reduce weight and laser technology continues to advance, laser welding has become not only viable but a necessary technology in today's manufacturing. Tennessee Rand has developed into one of the leading companies in the United States in the design and integration of advanced laser welding cells for manufacturing. As with most welding applications, the tooling required for laser welding is key. Tennessee Rand has built and successfully launched tools and cells for CO2, and fiber laser welding cells. We have the experience and technical expertise to make your laser welding project a success.

Whether you are looking for laser welding or cutting systems, tooling or process development, Tennessee Rand is at the forefront of this new and exciting technology. We have formed partnerships with IPG Photoics, Trumpf, and Rofin, Precitec, HighYag, and other leaders in the field.



Guaranteed Working Solutions

**As with all of our applications,
we offer unmatched service
and support, as well as
custom solutions tailored
to our customers' needs.**

