



Innovative Robotics Solutions. Delivered With Unified Integration.

Cherokee Millwright, Inc. (Cherokee) provides top-notch millwright, mechanical, and robotics services to clients across Tennessee and Kentucky. The company was founded in 1993 to fulfill the growing need for a full-service millwright company that treats customers like family and equipment with care. At Cherokee, customer satisfaction is the top priority, and an experienced team of experts provides the highest quality service—on each and every job.

For customers looking for innovative solutions, robotics is one of the fastest ways to bring automation, seamless integration, and efficiency to any industrial application. The Robotics Division at Cherokee provides clients with groundbreaking robotic solutions for manufacturing, production, warehousing, and other industrial needs.

Six Benefits of Robotic Automation

- 1. Cost Savings:** Decrease production costs, decrease labor salaries, and increase speed.
- 2. Efficiency:** Work at a consistent speed with no breaks, days off, or sleep required.
- 3. Safety:** Removing the need for humans to perform dangerous tasks, while also removing the human error factor in material transport.
- 4. Increased Work Space:** The efficiency and compact size of robots allow for more effective movement and use of warehouse space.
- 5. Employee Retention:** Incorporating robots to perform repetitive and physically demanding tasks allows for employees to take on more desirable responsibilities.
- 6. Satisfied Customers:** By reducing costs in labor and increasing production, clients can pass new savings on to customers.

Turnkey Robotics Solutions. For Virtually Any Automation Challenge.

Cherokee's Robotics Division develops custom, turnkey solutions for customers that include installation, programming, mapping, maintenance, and support. Whether clients are looking to install an entire warehouse management system, or a fleet of material handling robots, Cherokee has the skills and resources to make each client's vision a reality.

AGVs and SDVs

Two of Cherokee's most common robotic solutions are automatic guided vehicles (AGVs) and self-driving vehicles (SDVs). These vehicles reduce the number of forklift drivers needed in a plant, as well as reduce product damage, increase safety, and facilitate more cost-effective movement of materials.

Cherokee can program the following equipment:

- » Linux, Robot Operating System (ROS), Python
- » Programmable Logic Controllers (PLCs)
- » Human Machine Interfaces (HMIs)

