

Automotive, Truck and Heavy Equipment



Our environment helps companies to flourish.
It does the same thing for our people.



With our extensive network of automotive suppliers and company headquarters as well as our investments in advanced automotive research facilities, it's no wonder that automotive, truck and heavy equipment companies Thrive in North Carolina.®

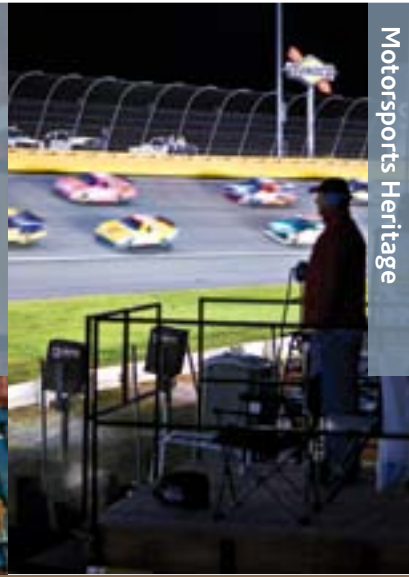
T H R I V E
in **NORTH
CAROLINA™**

ThriveNC.com/Automotive

World-class Companies



Advanced Manufacturing



Motorsports Heritage



Heavy Equipment

T H R I V E
in **NORTH
CAROLINA™**

Automotive, Truck and Heavy Equipment

North Carolina has the tangibles that businesses need as well as a lifestyle that helps employees flourish. Our secret is simple: When people Thrive, business Thrives. We understand that in today's global economy, people are your greatest source of competitive advantage—happy, fulfilled employees are more productive employees. From our business resources to our human resources to our natural resources, we offer businesses what they need to create a competitive advantage and Thrive.

BEST BUSINESS CLIMATE

Consistently ranked among the best business climates in the nation by *Forbes*, *CNBC*, *Chief Executive* and *Site Selecton*.



North Carolina's Distinct Advantages

As home to the headquarters of two leading truck manufacturers as well as an extensive network of automotive suppliers, North Carolina continues to attract and retain automotive, truck and heavy equipment companies. When you add in the top motorsports economy in the country, investments in advanced automotive facilities, world-renowned universities and community colleges and a skilled and productive workforce, you can see why companies flourish in North Carolina.

>160 Companies

>17,000 People

More than 160 companies in the motor vehicle parts industry in North Carolina, employing more than 17,000 people.

Over

500,000

Manufacturing Workers

North Carolina has a strong manufacturing background with more than 500,000 manufacturing workers throughout the state—ranking 9th nationally in total manufacturing employment and 1st in the southeastern U.S.



North Carolina ranks 10th among all states in total automotive cluster employment according to the Harvard Business School Cluster Mapping Project.



23% of the top 150 North American OEM parts suppliers have facilities in North Carolina, and 19 of those have more than one facility in the state.



North Carolina is a right-to-work state with one of the lowest unionization rates in the nation—3.2%.



Every year North Carolina colleges and universities graduate over 3,600 in engineering fields.

A Quality of Life That Attracts Talent

From our moderate climate with excellent recreational opportunities to our culture-rich history and a low cost of living, North Carolina has what people are looking for to Thrive.

- Moderate climate
- Culture rich in history and the arts
- World-class sports events
- Recreational opportunities
- Quality health care
- Low cost of living—housing, utilities, supplies and groceries, transportation and health care are all below the national average
- Low construction costs
- Diverse educational opportunities and jobs available

North Carolina offers an exceptional quality of life that contributes to a highly desirable place for businesses to attract and keep skilled workers.

The low cost of living in North Carolina makes it easier for our residents to take part in and enjoy all the great things that this state has to offer.

Strong Pipeline for Labor

In today's global economy, people are the most important asset to any company, and North Carolina gives them what they need to flourish.

Our many skilled workers as well as the highly specialized pools of talent already here give your company a competitive advantage. They are dependable, hardworking and more than that, they are happy. That's because they have the types of careers and opportunities available to them that help them succeed. Making them more productive. In fact, North Carolina workers are 10% more productive than the average U.S. worker.

And productive, happy workers create better businesses. They, along with a vast infrastructure and a collaborative, business-friendly environment, ensure that businesses here have what they need to make things happen. Universities, community colleges and other training programs coupled with a growing population provide a workforce with the skills that are in demand globally.

Several universities have program specialties and research initiatives that include:

- Advanced automotive materials and manufacturing
- Advanced powertrains and vehicle performance
- Intelligent vehicle and infrastructure design
- Mechanical engineering
- Vehicle design and integration

North Carolina's Community College System

More than 75% of the campuses have automotive-related training programs, with programs such as Automotive Systems Technology, Automotive Management, Motorsports Technology and Management.

Carolina Electronic Vehicle Coalition

Sponsors the EV Challenge where high school students convert a gasoline vehicle to electric power and use it in an educational program.

Model Solar Fuel-Cell Cars

Provides middle school students with a hands-on opportunity to learn about transportation challenges through the North Carolina Solar Center.



We have the research, training and infrastructure needed for growth.

Advanced Transportation Energy Center at N.C. State University (ATEC)—a joint effort to greatly accelerate the research, development, demonstration and deployment of electric vehicle (EV) technology through the State of North Carolina and its investor-owned electric utilities. ATEC is actively engaged in solving some of the challenges and barriers associated with batteries, vehicles and charging units related to EV technology. They are excellent research partners for manufacturers of electric vehicles and related components, including batteries.

AeroDyn Wind Tunnel—provides thorough, accurate and convenient full-scale wind tunnel testing designed specifically for race cars, located in Mooresville.

Alternative Fuel and Vehicle Incentive Program—designed to promote the use of alternative fuel with the ultimate goals to reduce U.S. dependency on foreign oil and improve air quality.

FREEDM Systems Center (Future Renewable Electric Energy Delivery and Management) — located at N.C. State University, is a consortium of several universities around the nation committed to research and development toward optimum Smart Grid technology and its deployment. As the lead university in the consortium, much of the research activity is housed on the N.C. State University campus. The FREEDM Center works extremely closely with the ATEC Center, addressing issues on how EVs will interface and impact the electric grid, including how EVs can potentially be used as storage mechanisms and the technology and software that would be necessary for such a two-way interface.

Honda R&D Americas, Honda Aircraft—provides product engineering, prototype development and testing and is involved in the continuous development of first-class power equipment products, located in Haw River.

NASCAR Technical Institute—provides skills needed to become a NASCAR technician, with core programs pertaining to the basic skills and knowledge required to diagnose and repair mechanical and electrical malfunctions, located in Mooresville.

Plug-in Technology Initiative—plans to develop batteries that are less expensive, lighter, more efficient and can be charged from conventional home plugs, with a long-term goal of creating a battery to serve as a gasoline replacement. Research is based at N.C. State University.

Toyota Racing Development—consists of a 35,000 square-foot facility housing the company's NASCAR competition group and chassis engineering operations, located in Salisbury.

Windshear, Inc.—houses the most advanced publicly available wind tunnel in the world in a 40,000 square-foot, scale, rolling road facility, located in Concord.

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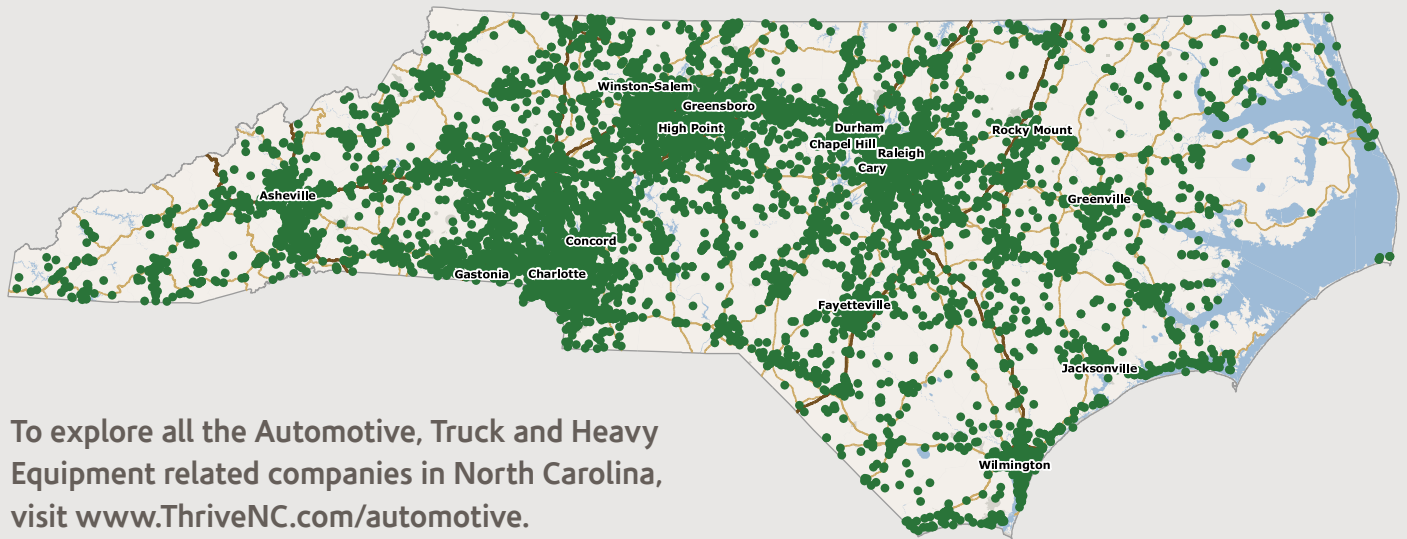
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Automotive, Truck and Heavy Equipment Companies Thrive Statewide



A Sampling of Companies that Thrive in North Carolina®:

- **ASMO**, Statesville, Greenville and Mount Airy
- **AW North Carolina**, Durham
- **Borg-Warner**, Asheville and Fletcher
- **Bridgestone**, Oxford
- **Caterpillar**, Cary, Clayton, Franklin, Morganton, Sanford, Smithfield, New Bern and Winston-Salem
- **Consolidated Diesel**, Whitakers
- **Continental Teves**, Charlotte
- **Cooper-Standard Automotive Inc.**, Goldsboro
- **Daimler North America Bus**, Greensboro
- **Dana**, Charlotte and Statesville
- **Daimler Trucks**, Cleveland, High Point, Gastonia and Mount Holly
- **GKN**, Conover, Timberlake, and Mebane
- **Getrage**, Newton
- **Goodyear**, Asheboro, Fayetteville and Statesville
- **Honda Power Equipment**, Greensboro
- **IAC**, Albemarle, Montgomery and Old Fort
- **Mack Trucks**, Greensboro
- **Magnetti Marelli Powertrain**, Sanford
- **Meritor**, Forest City, Fletcher and Laurinburg
- **Purolator**, Fayetteville
- **Stanadyne**, Jacksonville and Washington
- **Timken**, Charlotte, Columbus, Iron Station, Randleman, Rutherfordton and Wilmington
- **Thomas Built Buses**, High Point
- **Volvo**, Charlotte and Greensboro
- **Volvo Truck**, Greensboro