

# Texas-EV Manufacturing • March 2022

**AYRO, (Round Rock)** - was founded in 2017 when a group of entrepreneurs, executives, and investors first founded Austin Electric Vehicles (which became Ayro) to create **sustainable electric solutions for campus management, last-mile delivery, urban commuting, and closed campus transport**. From the beginning, the Company's commitment was to commercialize energy-efficient solutions, reduce carbon footprints, and provide solutions for life cycle sustainability.

**HYLIION (Cedar Park)** - Hyliion was founded by a serial entrepreneur, mechanical engineer and sports racer Thomas Healy in 2015 to achieve three interlocking goals: (1) Deliver the practical advantages of hybrid and electric technology to commercial fleets; and (2) Accelerate innovation and reduce costs in commercial transportation and logistics. The Company produces **electrified powertrain systems that can augment or fully replace traditional diesel or natural gas-fueled powertrains**.

**LONE STAR SPECIALTY VEHICLES (Texarkana)** - Lonestar SV, founded in 2014, specializes in the final stage assembly and refurbishment of commercial vehicles, and other innovative vehicle application solutions. After observing the amount of downtime customers were encountering with Tier 4 emissions equipment, Lonestar SV embarked on a mission to produce an alternative solution to internal combustion terminal tractors. This was the driving force behind the development of the Lonestar SV Reman line of electric terminal tractors, which were deployed in November 25, 2019. Lone Star partners with Dana – whose e-Powertrain system can be adapted by Lonestar SV into a vehicle with a non-powered rolling chassis, or existing vehicles with diesel engines can be converted into all -electric trucks. The solution can be used to extend the useful life of a fleet's capital investment by repowering and refurbishing an existing chassis. It also allows for recycling of a chassis for further carbon footprint reduction.

**NAVISTAR (San Antonio)** - Navistar's first foray into transport was in 1897 with the development of the first McCormick gasoline combustion engine for stationary use on farms. In addition to farm equipment, the company continued to manufacture rugged utility vehicles throughout the 20th century. In 2001, Navistar introduced the International® 4000 Series Hybrid - the **first commercial diesel/electric hybrid on the market**. This year the company began construction of a new 900,000 sq. ft. plant in San Antonio and said an **electric truck** will be the first vehicle of the line at its **when it opens in the Spring of 2022**. The new EV effort will include not only building electric vehicles, but also providing consulting and support to fleet customers as they look to deploy them in their operations.

**PETERBILT (Denton)** - Peterbilt was founded in 1939 and has been an award-winning leader in medium and heavy-duty haul trucking ever since. In 1958 the company was acquired by **PACCAR**, and operates alongside sister division **Kenworth Truck Company**. Aside from branding their own vehicles, they are an OEM (Original Equipment Manufacturer) for other trucking companies. The Company had 16 electric trucks in operation in 2019 with 21 models entering the market the first half of 2020.

**TESLA (Austin)** - Tesla was founded in July 2003 and, after 11 years in the market, **ranks as the world's best-selling plug-in and battery electric passenger car manufacturer.** In 2020, the company **surpassed the 1 million mark** of electric cars produced. The **Model 3 ranks as the world's all-time best-selling plug-in electric car**, with more than 500,000 delivered. Tesla cars accounted for 81% of the battery electric vehicles sold in the United States in the first half of 2020. The Company plans on producing the **Tesla Model "Y" SUV, Semi-trucks and EV Batteries** at their new Austin plant scheduled to open in late 2021.

**VOLCON ePowerSports (Round Rock)** - Volcon produces **rugged adventure vehicles.** The Company is currently developing an **electric motorcycle (the Grunt)**, and **two four-wheel adventure vehicles (the "Stag" and the "Beast")**. Volcon's mission is to "enhance the outdoor experience while reducing our environmental footprint so that adventurers and workers alike can enjoy the outdoors with peace of mind, and preserve it for generations to come."

**REVITALIZE CHARGING SOLUTIONS (Fort Worth)** - Revitalize Charging Solutions, owned by Edward Morgan, designs and manufactures **electric vehicle chargers** that are easy to use and operate. Morgan says his mission will always be to help America go green, and help electric vehicle drivers get from point A to point B as safely as possible.

**DELOREAN (San Antonio)** - DeLorean Motor Co., the car brand made famous in *Back to the Future*, recently announced plans to establish its global headquarters at Port San Antonio. DeLorean is also repositioning itself as an **electric vehicle manufacturer**, and its first all-electric car will be a luxury sports car called the **DeLorean EVolved**, set to debut in 2022.

**TOSHIBA (Houston)** - Operating out of Houston since June 2010, Toshiba International Corp. manufactures hybrid and electric vehicle motors for Ford.

**MP MATERIALS (Fort Worth)** - Announced in late 2021, MP Materials is set to build its initial rare earth metal, alloy, and magnet manufacturing facility in Fort Worth. MP's magnetics facility will have the capacity to produce approximately 1,000 tons of finished NdFeB magnets per year, with the potential to power approximately **500,000 EV motors annually.** MP Materials also recently announced that it will enter a long-term agreement with General Motors to supply US-sourced and manufactured **rare earth materials and finished magnets for electric motors** in more than a dozen GM EV models.

**LINEAR LABS (Fort Worth)** - Announced in March 2022, Linear Labs produces **high torque, efficient electric motor and drive systems** in Fort Worth. CEO Brad Hunstable grew up in nearby Granbury, and said the final round of investors were all local. The company will create a minimum of 1,200 jobs.

**UHNDER (Austin)** - Austin-based startup Uhnder aims to get in on the commercialization of autonomous vehicles with its **digital imaging radar technology**, which is purported to help vehicles detect obstacles on the road. The tech is expected to be used in **the upcoming Fisker Ocean crossover**, which is scheduled to debut in 2022 from EV startup Fisker.