

ARIZONA DRIVER

THE ENTHUSIAST'S GUIDE TO LIFE BEHIND THE WHEEL

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ARIZONA AUTOMOTIVE INDUSTRY NEWS

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Lucid landmark Arizona plant well underway

Electric vehicle manufacturer Lucid Motors has big news in two major categories—detailed information about their Lucid Air luxury pure electric vehicle (EV) lineup; and progress on their manufacturing facility near Casa Grande, Arizona.

There will be four EV sedan models in the Lucid lineup: a base model Lucid Air, and Lucid Air Touring, Grand Touring and Dream Edition versions.

Built upon ultra-high 900-plus-volt electrical architecture with DC fast charging capability, the car's standard drivetrain is an advanced miniaturized single-motor system. A dual-motor, all-wheel-drive configuration will be optionally available.

The drivetrain's packaging efficiency promises the interior space of a full-size luxury vehicle while maintaining the exterior footprint of a midsize performance sedan, while delivering aerodynamic efficiency and increased agility and maneuverability.

Lucid Air, a well-equipped base model EV starting at \$77,400 (\$69,900 after potential \$7500 Fed-

eral tax credit), will have 480 horsepower and is projected to deliver a range of 406 miles.

The base model Lucid Air interior is finished in PurLuxe animal-free trim and features a curved, floating 34-inch Lucid Glass Cockpit Display. Lucid Air also claims the largest frunk (front trunk) ever fitted to an electric sedan.

Lucid Air is available with DreamDrive, an exclusive advanced driver-assistance system (ADAS). This new first-of-its-kind platform, offered on the full Lucid Air range, combines a comprehensive sensor suite with cutting-edge driver monitoring.

Lucid Air Touring, starting at \$95,000 (\$87,500 after Federal tax credit) boosts power and fitment. Its 620-hp drivetrain (built on the same 900-plus-volt architecture and also projecting 406 miles of range) comes standard with dual-motor all-wheel drive. Interior appointments include the 34-inch Lucid Glass Cockpit Display, an available Glass Canopy Roof and a wide range of choices for inte-

rior materials and finishes.

Either model can now be reserved for \$300. Both are available with three years of complimentary charging at Electrify America's extensive nationwide network of ultrafast charging stations.

Reservations for Lucid Air, Lucid Air Touring and other models in the lineup can be placed online at lucidmotors.com, or at a growing network of retail locations, including the recently opened Beverly Hills Studio and service center. Deliveries for the first Lucid Air models begin this spring.

A tax advisor should be consulted regarding your individual Federal tax credit potential, as well as any state incentives that may be available. Lucid Motors is submitting its certification of credit eligibility to the IRS prior to the start of production.

Vehicle specifications are subject to change as the vehicles enter production.

Projected mileage range is based on an approximation of an EPA test cycle.



Lucid AMP-1 factory in Casa Grande

Lucid Motors, headquartered in Newark, California, has completed the first phase of construction at the new Lucid AMP-1 (Advanced Manufacturing Plant) factory in Casa Grande, Arizona, with the commissioning of production equipment and processes underway ahead of start of production for the Lucid Air in this spring. As the first green-field (on previously undeveloped and unburdened land) dedicated electric vehicle factory in North America, Lucid's innovative AMP-1 was designed with a "Future Ready" focus that allows for additional phases of expansion at the site, with the next phase expected to begin early this year, building toward future production of the brand's first SUV under the name Project Gravity in 2023.

The Arizona site was selected for a number of reasons, including infrastructure, talent, geographic location, and pre-existing automotive supply chain. It also offered space for a large footprint and planned expansions, with key areas of the factory intentionally designed with this in mind. Included are a state-of-the-art water-based paint shop designed to be future-proof, with the necessary footprint and specialized infrastructure to be expandable to meet the needs of all future phases of the factory itself. Four phases planned through 2028 will bring square footage from a current 999,000 sq.ft to 5.1 million sq.ft, with a manufacturing capacity of up to 400,000 units per year.

Advanced manufacturing processes include aircraft-inspired riveted and bonded monocoque body structure replacing spot welds, for structural efficiency. The company had already built its full beta prototype test fleet as part of the factory's commissioning, a phase that tests Lucid's innovative production processes and equipment. They now transition to building a final series of production-representative versions of Lucid Air.

Customer-ordered production cars will start rolling off the Arizona line this spring, with an initial capacity of up to 30,000 units annually to supply global markets, beginning with North America. These will initially consist of Lucid Air Dream Edition, followed quickly by Grand Touring and Touring models. The base model Lucid Air joins the lineup in early 2022, available from \$69,900. ■

ABOUT LUCID MOTORS

Lucid's mission is to inspire adoption of sustainable transportation by creating the most captivating electric vehicles, centered around the human experience. The company's first model range, Lucid Air, is a state-of-the-art luxury sedan with California-inspired design underpinned by race-proven technology. With luxurious interior space in a mid-size exterior footprint, certain models of the Air will be capable of an estimated EPA range of over 500 miles and 0-60 mph in under 2.5 seconds. Lucid Air will be produced at Lucid's new factory in Casa Grande, Arizona, with deliveries beginning in spring 2021.



LUCID

