

Audi Mechanicsburg at Sun Motor Cars Dealership

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Audi Mechanicsburg

Drive

Audi Sport

BACKGROUND

Over 40 years ago when the first Sun Motor Cars auto dealership was built in Central Pennsylvania, Mowery was selected as the general contractor. Since then, Mowery's relationship with the Sunderland family (owner of Sun Motor Cars) continues to grow, and our team is proud to have built many additional auto campuses for this client.

As the most architecturally-complex auto dealership our team designed and built to date, several challenges had to be overcome. This facility features unique materials including clinker tile, glass systems, and three-dimensional mesh ACM panels. With 44,000 square feet of space, this dealership allows Audi Mechanicsburg at Sun Motor Cars to sell more than 1,000 vehicles annually and double their previous service capacity, which enhances the customer experience.

LOCATION	Mechanicsburg, PA
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ARCHITECT	Mowery Design-Build
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DELIVERY METHOD	Design-Build
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MARKET	Auto Dealerships
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SIZE	44,000 SF
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CHALLENGES

When designing and building auto dealerships, unique obstacles arise when trying to ensure brand guidelines are met and specified owner supplied items are delivered. These challenges included:

- New materials, which Mowery had never dealt with before, were utilized in this build, so quality control was key.
- Many of the specialty materials were manufactured in Germany and had to be shipped to the United States via sea containers causing long lead times.



- To adhere to Audi's specific vendor requirements, the Mowery team had to ensure service equipment, vehicle lifts, toolboxes, parts shelving, tire carousel and dealer signage packages were all supplied and delivered from specified vendors.
- The entrance to the auto dealership was held up due to difficulties obtaining a highway occupancy permit that was acceptable to PennDOT, the township, surrounding property owners and the owner of Sun Motor Cars.



SOLUTIONS

With more than 15 years' experience in the auto industry, the Mowery team knows how to provide creative solutions to the most challenging obstacles when building auto dealerships and service centers. To ensure the Audi Mechanicsburg Sun Motor Cars' dealership project was completed on time and on budget, the team did the following:

- Any materials or supplies that were being shipped from Germany were ordered eight months in advance to ensure they arrived on time and did not hold up the project.
- With this lead time in ordering, all new materials could be examined and mockups constructed to ensure the right level of quality and that they worked for their intended use.
- In order to better manage quality control of this project, the Mowery team utilized PROCORE software. This construction technology allowed the team to make observations, document deficiencies, and assign team members to correct any issues. With this process, no quality control items fell through the cracks.



- The project superintendent strategically coordinated the delivery and install of Audi-specific servicing equipment, such as vehicle lifts and toolboxes.
- The Mowery team coordinated with PennDOT, the township, surrounding property owners and the owners of Sun Motor Cars to design a plan for the entrance of the facility that all parties could agree upon.

**Mowery was
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\$1,000,000
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upon completion
of the project.**

RESULTS

Through careful design, methodical planning and value engineering efforts, Mowery was able to return over \$1,000,000 back to the client upon completion of the project. Not only did we complete the project under budget, it was also completed on time in just 12 months.





Have an auto dealership
or service center project
in mind?

*Contact us today to learn how we
can bring your visions to life all while
providing a remarkable customer
experience.*

MOWERY

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