



CASE STUDY: Las Vegas Rock

Las Vegas Rock holds 6 Pinnacle awards for their precise execution of elaborate designs in stone. They extract unique metaquartzite from just outside Goodsprings, NV to utilize for a multitude of applications. They create 3D ART, Slab material, Planking, and many more natural stone products. Las Vegas Rock just finished a project at The Park on The Strip in Las Vegas, NV.

Las Vegas Rock utilized CAMWorks software and Hawk Ridge Systems in ways that successfully pushed the limits of intent.

Las Vegas Rock used CAMWorks programming to achieve the impossible.

7-Axis Wire Programming was made possible with CAMWorks and the custom post designed for achievement.

Hawk Ridge Systems exceeded its drive to provide the best customer service in the industry.

About Las Vegas Rock

Las Vegas Rock has an ecologically-conscious manufacturing facility in Jean, Nevada and is the only Silver Cradle to Cradle natural stone in the world. They deal in everything from extracting their stone to process into products, and use 100% of the rock. They have zero waste in production by repurposing all bi-products for new use, and recycling water. The rock is cut into sections based on larger designs, cut into slabs, and then panels. The excess is crushed down to be sold as decorative gravel or sand.



The Project Scope

Las Vegas Rock was presented with a project unlike any other that had been done before. Planters with multiple angles were designed to be pieced together using their metaquartzite stone. The Park was intended to resemble the desert landscape of Nevada.



Las Vegas Rock is home to two Pellegrini Robotwire Evo 7-axis CNC wire saw.



Italy, Canada, Turkey and the two in the states both housed at Las Vegas Rock are the only ones that exist in the world. This technology is so new and exclusive that the capabilities of the machines are still being explored and discovered. In the beginning of The Park project they were innovating these technologies, with just basic elementary design software Las Vegas Rock knew it could be improved. Las Vegas Rock then started to seek advice from other sources to improve. This is when Hawk Ridge systems was contacted for the potential use of CAMWORKS Software.

"Hawk Ridge Systems was the only one who accepted the challenge."

Chris Schulte
President
Las Vegas Rock



CAMWorks & Hawk Ridge Systems

The Hawk Ridge systems CAMWorks team was contacted with this project. They pride themselves on always taking the challenge and providing support needed for the customer to be successful in their industry.



The CAMWorks team worked directly with Las Vegas Rock and Pellegrini for about two weeks to get a new post developed, and the program to run just right to successfully cut the different desired profiles for the project..

Originally before the help of Hawk Ridge Systems, Las Vegas Rock had a re-cut rate of 30%, after contacting Hawk Ridge Systems the re-cut rate went down to 5%.

USA 1.877.266.4469
Canada 1.866.587.6803
info@hawkridgesys.com
www.hawkridgesys.com

About Hawk Ridge Systems

Hawk Ridge Systems consistently exceeds customer expectations as a design technology partner by providing top tier customer service and innovative technical support.

"30% to 5% re-cut rate. Amazing!"

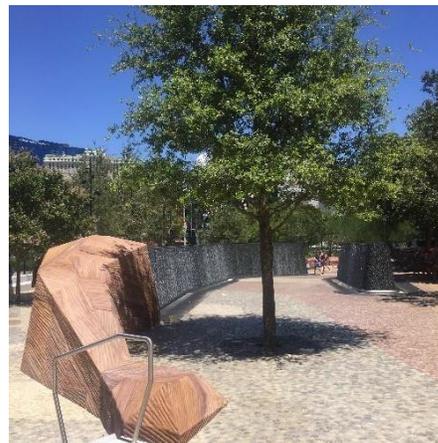
Chris Schulte
President
Las Vegas Rock

Las Vegas Rock was impressed that someone was in the fight with them and wanted to get in the trenches to help them out.

Las Vegas Rock has a core value to constantly improve. They knew there was a solution to their problem and were determined to not conform to mediocrity. Teaming with Hawk Ridge Systems allowed Las Vegas Rock to successfully improve their finished product.



By providing the largest and most knowledgeable SOLIDWORKS and CAMWorks support team in North America, we assist our customers in successfully competing while shortening the product development cycle. Hawk Ridge Systems operates in 15 facilities in the western United States, Alberta and British Columbia, Canada. All locations offer top tier technical support, training and professional services.



"If we continued the project as we were going I believe we could have got the re-cut rate down to 10-15%. Just the cost of the material alone is extraordinary. So going to 5% re cut rate saved time, money, and materials."

Chris Schulte
President
Las Vegas Rock

Check out this video on The Park:
<http://vegasrock.com/projects/mgm-the-park/>

Our expertise has helped us quickly grow to be the #1 SolidWorks reseller and service provider in the world. We are an engineering focused organization, which allows our customers to maximize their CAD, CAM, Analysis, Product Data Management, Technical Documentation and return on investment.

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