Y-Tec Keylex Mexico (YKM)
Automotive Parts Manufacturing Facility

Austin Services
Planning
Architecture
Engineering
Construction

Location
Guanajuato, Mexico

Facts & Data
317,500 SF

The Y-Tec Keylex Mexico, S.A. de C.V. (YKM) automotive parts manufacturing and assembly facility was implemented as a design-build project by Kajima|Alberici MX at the Mazda automotive complex in Guanajuato, Mexico.

Kajima|Alberici MX is jointly-owned by The Austin Company and the Mexican subsidiary of Alberici Constructors, Inc. The company provides design, engineering and construction services for the new industrial markets in Mexico, with an initial focus on serving international companies.

Mazda Motor Corporation, along with their suppliers, is a major Japanese investor in Salamanca, in the Mexican state of Guanajuato. Here, Mazda is developing a large automobile manufacturing campus. YKM's manufacturing facility is a part of this campus and produces motor vehicle parts and accessories for Mazda.

Austin completed the architectural design and construction documents in the U.S. and provided oversight for all of the structural and MEP engineering prepared by local Mexican firms. Construction was managed by a joint Austin-Alberici team. Design and construction for the YKM facility was implemented on an accelerated schedule to meet production requirements. The completed facility consists of approximately 283,000 SF of production space, plus 34,400 SF of offices, for a project total of 317,500 SF.

The project team included members in Japan, Mexico and the United States. In addition to logistics challenges due to the varying locations of team members, harmonizing and managing three distinct languages, business cultures and organizational variances was a significant cornerstone to the project's overall success.

Construction Documents were completed in both English and Spanish, while meetings were regularly held in all three languages. To meet YKM's design objectives, the design and engineering followed international standards, while taking into consideration construction approaches and practices in Mexico.