



CASE STUDY



3D Fabrication: Qatar Merchandise Kiosk

Craftsmen was approached by Tim McAmis Race Cars to assist with the design and build of a custom merchandise kiosk for the Qatar Racing Club of the ADRL (Arabian Drag Racing League). Craftsmen was faced with a challenge of designing a vertical unique kiosk that would function as an efficient retail environment, and withstand the elements of the harsh desert environment.

Project Details:

- Using aluminum truss and panels for the frame and pigmented Sumbrella brand acrylic fiber thermoplastic fabric for the canopy the kiosk is made to handle the rigors of the heat and wind of the desert.
- Counter top faces and side panels material: 3MIJ180 with 8519 laminate
- The counter tops are covered with routed ABS plastic for a consumer friendly sales transaction.
- A banner frame system was mounted to the face of the canopy to identify the kiosk as an official merchandise center.
- The framing system also allows flexibility to identify & use the kiosk for other events.
- Custom shipping crates were needed to ship the kiosk on a cargo plane overseas to make the final three races of the season.



The 3D fabrication, graphics and truss assembly of the kiosk was completed at Craftsmen's St. Charles, MO facility.

