

# Compact by Design

## Custom Touchless Car Wash Systems

### Multi-Position Actuation

#### Application Challenge

A carwash OEM needed a way to rotate an overhead bar containing spray nozzles that could rotate at a specified rate and stop at three different positions during the wash cycle.

#### Project Solution

A custom Turn-Act three position rotary unit with control cam and adjustable stroke control was recommended. It provides adjustable rotation and stops at the required three positions. The rotaries, cam and unitary plate are all constructed of NiTuff® coated aluminum and the shafts are 316 Stainless Steel with special seals.

#### Customer benefit

Compact was able to provide a custom rotational motion and corrosion resistance to constant water spray which the OEM required. The customer now has the ability to fine tune stops during initial installation using the RSC feature.

