



Background

This company is renowned for their sunglasses and sports goggles.

Problem

They needed a monorail style conveyor washer to clean their glass frames prior to paint. The glass frames had to be clean and dry. This was not an easy challenge when you consider that each piece had to be clipped to a rack and water gets trapped in the lens groove.



Solution/System

First, design monorail racks to meet 3 criteria: 1) firmly hold the parts; 2) orient the parts for best drying, and 3) minimize interference with the paint guns. Then design a monorail system to wash, rinse, and dry these racks at speed.

