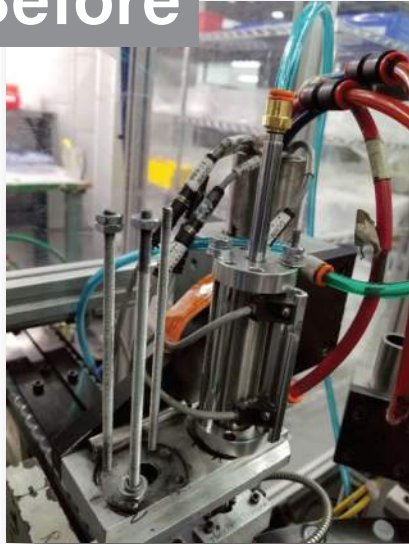




Featured Success Story

Before



After

Problem

CS Automation was contacted by a customer that experienced a crash on a vital piece of assembly equipment they could not afford to be down and the previous design used hard to get air cylinder to "precisely pick-hold and insert" bottle caps into a cassette. They were quoted 4 weeks just to get the cylinders that did rotate. The assembly also required several custom-made parts that had to be replicated in house because the OEM did not make them available as spare parts.

Solution

The CS Automation team obtained the old assembly and created a new solution using a combination of 2-standard SMC pneumatic actuators, a 316 SS vacuum rod extension/pusher and developed mounting plates that would allow a fully retrofittable assembly replace the old hard to get actuators with SMC units that are "off the shelf".

Benefits

The CS Automation team was called on Thursday to help get the customer back in operation right away. Even 1-week of downtime was unacceptable. Our team obtained the crashed assembly developed a better solution that added the non-rotation feature which solved other issues with the original design and then conceptualized, presented, obtained customer approval and built assembly.

We hand delivered the completed unit fully assembled in 3-days! The final design is more robust eliminated special adapters, added the non-rotating capability and included fittings & solid-state sensors for a true "drop in" backwards compatible solution. We also considered and improved future maintenance capability as well by making cylinder removal and installation easier.

Let the CS Automation Team of highly capable people help your company solve your pneumatic, mechanical, T-Slot Aluminum and electric automation needs.