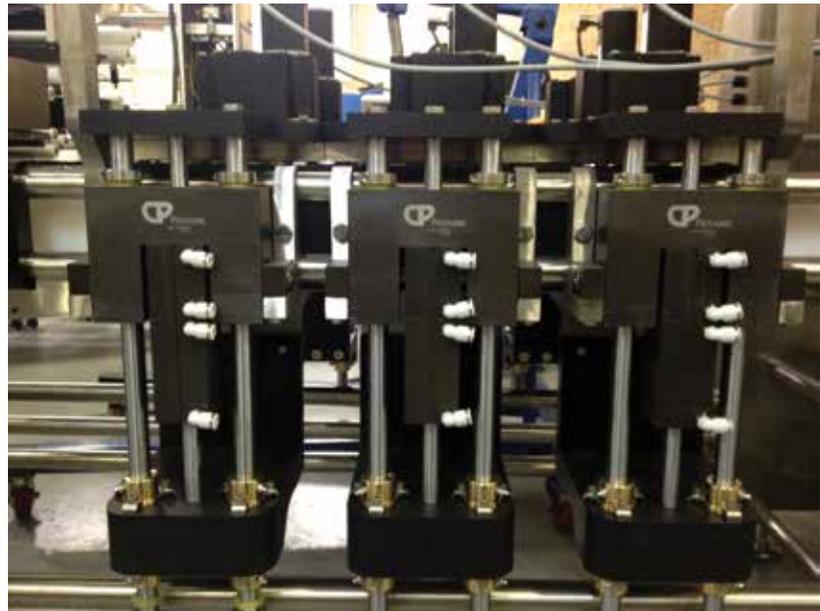


## A Truly Reliable Solution for the Packaging Equipment Industry

Over the past decade, Nason has begun to apply its expertise in developing custom components to the world of pneumatic and hydraulic cylinders, creating a whole new range of solutions for customers in a variety of sectors. CP Packaging, a leader in the packaging equipment industry, recently called on Nason to help improve the performance of its VisionPak Horizontal Form-Fill-Seal Vacuum apparatus.



### Challenge

Prior generations of the VisionPak machine utilized springs to retract a particular mechanism, but binding was a frequent issue and adjusting the parts was complicated and time-consuming. With spring pressures too sensitive and tolerances too loose to ensure reliable performance, CP Packaging needed a more consistent solution for retracting action on the VisionPak.

## Solution

Nason worked with CP Packaging to design a cylinder that fit their specific needs. Instead of working around existing products, Nason involved the team at CP Packaging from the start, allowing engineers to create a custom component that functioned seamlessly with the VisionPak.

The solution was two opposing cylinders acting independently, with the first motion compressing the plates and facilitating the film-cutting process. Once the film was cut, the cylinders would reverse to release the package and make way for the next package to enter the cutting unit.



## Result

Nason was able to provide an initial model within three days after concept sketches were drawn up. From concept to final order, the total turnaround time was less than two weeks — giving CP Packaging the cylinders they needed to improve precision control and alignment on their VisionPak apparatus.

With the cylinders in place, operators observed consistent compression of the plates as well as smooth movement without the binding originally caused by springs.

*“The Nason team provided me with the outlet to design a cylinder in concept and make it into a quality part. This ability to provide solutions helps engineers to let creativity drive the solution rather than simply working around existing products.”*

**Rod Golla**  
CP Packaging