



## MANUFACTURING - PRINTING

# CUSTOM TELESCOPIC DRAWER SLIDE



LONG LIFE



CUSTOMIZABLE



SMOOTH MOTION



HIGH SPEED

## UtiliTrak® Linear Guide Boosts Durability and Lowers Maintenance in OEM Printing Machines

Digital Print Inc., a leading OEM that builds printing machines for industrial and commercial applications such as mailers and cardboard boxes, needed a more reliable motion solution. To enhance durability and reduce maintenance, they designed a custom telescopic drawer slide.

### CHALLENGE

The customer experienced frequent failures with their current motion solution, resulting in increased warranty claims and higher maintenance costs. The VP of Engineering required a reliable and durable alternative that could meet the demands of their high-performance printing systems. The competitive product they had been using started failing after just a few months, leading to operational inefficiencies and additional expenses. To improve reliability, Digital Print Inc. had already been using UtiliTrak® and LoPro®, but needed a more customized motion solution to fully address their challenges.

### SOLUTION

To overcome these issues, the customer implemented UtiliTrak® linear guide system, known for its durability and smooth operation. In addition to utilizing UtiliTrak® and LoPro®, the company designed a custom telescopic drawer slide using VC series wheels paired with two custom-length UtiliTrak® guides. They also developed a custom-built wheel plate that allows the studded VC wheels to be mounted on either side. The end product is expected to experience a significant reduction in warranty claims as well as smoother drawer operation, enhancing overall efficiency and customer satisfaction.