

SPOTLIGHT SOLUTION: No. 425



INCREASING PACKING LINE EFFICIENCY

THE PRODUCT:

Gravity Roller Flex Conveyor

THE AREA OF USE:

Packing lines, assembly areas, and shipping/receiving zones in warehouses and manufacturing facilities

THE NEED:

The customer needed a flexible, portable conveyor solution to streamline packing line operations by facilitating smooth carton movement between workstations and supporting temporary or seasonal shifts in line configuration, without adding powered equipment or complex installation.

THE SOLUTION:

ConveyX Solutions, LLC provided a Gravity Roller Flex Conveyor with a modular, expandable design that allows easy repositioning and reconfiguration of the conveyor path to meet changing packing and assembly needs. The free-spinning rollers enable manual movement of cartons and packages with minimal effort, reducing worker fatigue and speeding up material flow. Adjustable leg supports permit ergonomic height settings for operators, enhancing comfort and productivity. The conveyor's swivel casters provide portability and allows for fast setup and breakdown for temporary lines or adjustments to seasonal demand. With a load capacity of up to 400 lbs per linear foot, the system supports high-volume packing operations efficiently without power requirements.

THE IMPLEMENTATION PROCESS: The Gravity Roller Flex Conveyor was deployed as a plug-and-play, no-electricity-required solution. Upon delivery, it was rolled into the packing area, extended and curved to match workflow requirements, and adjusted for operator comfort. This flexible conveyor system enabled the customer to optimize packing line throughput, reduce labor strain, and quickly adapt to fluctuating operational demands with minimal capital investment or downtime.

