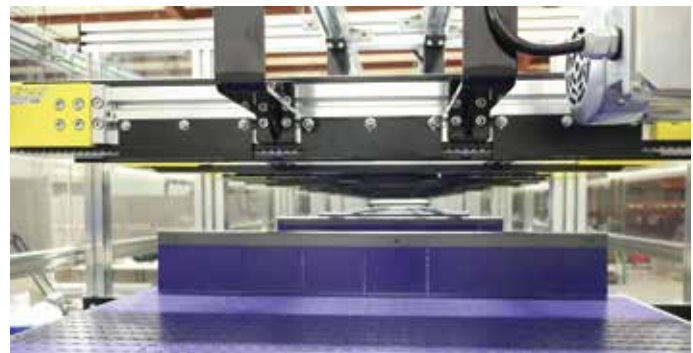


RFID Enabled Linen Sortation

Challenge: A linen supply company was manually sorting their customers' returned linen by hand. This operation was exhausting company time and labor.

Solution: Design an automated system with an indexing conveyor line and a Zebra FX9600 RFID reader to read, identify, and sort linens into the proper bins for laundering and reuse.

Story: A customer was still sorting linens manually by dropping the linen load onto the floor and separating by hand. Luckily for EMP, they had already invested in RFID tags and a cloud-based tracking system which was a clear green light for automated RFID system. The automated solution featured a massive indexing conveyor (built offsite) that moves linens down a line. Each linen is read and identified by a Zebra FX9600 RFID reader, then directed, or pushed by paddles, off the line to the appropriate bin for



The whole thing is powered and operated by a 60in X 48 in. control panel interface, the largest panel ever engineered and assembled by EMP. The result was a significant improvement in the speed and reliability of their linen sortation process, trimming hours from their operation to focus on more customers.

