

PICK AND PLACE ROBOTIC PALLETIZER

NO: 114

THE APPLICATION: Pick and Place Robotic Palletizer for Variable Height Palletizing

THE PRODUCT: Three Strand Chain Conveyor and Multi-Tier Scissor Lift with Integral Chain Conveyor

THE INDUSTRY: Parcel

THE NEED: A Canadian postal service company needed to robotically palletize bundles of magazines. Three different pallets with unique footprints needed to be conveyed.

THE SOLUTION: Omni Metalcraft Corp. provided an infeed three strand chain conveyor to receive empty pallets. A triple strand chain conveyor created better surface area allowing all three styles of pallets to be conveyed. Pallets were conveyed onto a Multi-Tier Scissor Lift with chain conveyor mounted to it. The lift lowered as the robot completed a layer. As the full pallet descended it would be stretch wrapped and then conveyed onto a buffering section of chain conveyor allowing for the fork lift operator flexibility.

