

90 DEGREE CASE DESCRAMBLER



THE APPLICATION: Descrambling, Singulating and Orienting Cases of Empty Liquor Bottles from Pallet Lines to a Cleaning and Filling Process.

THE PRODUCT: Chain Driven Live Roller with Blade Stop, ARB Conveyor and Skatewheel Conveyor

THE INDUSTRY: Food and Beverage

THE NEED: A liquor manufacturer needed to install a new robotic palletizing line. The robot needed to depalletize the cases of empty liquor bottles. The cases then needed to be singulated, aligned and then placed in the correct orientation for labeling prior to entering a washing and filling station.

THE SOLUTION: Omni Metalcraft Corp. provided a blade stop equipped Chain Driven Live Roller Conveyor that would transfer a row of three cases 90 degrees onto an ARB Conveyor. The ARB Conveyor would then descramble and singulate the cases of empty bottles. A vision system was installed to identify the blank side of the cases so they could be rotated 180 degrees, if necessary, for labeling. The cases would then be conveyed onto Skatewheel Conveyor prior to the washing and filling process.



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