

CEMENT BAG TAKE-AWAY
NO: 405

THE APPLICATION: Merging and Changing Orientation of Cement Bags Feeding a Palletizing Operation

THE PRODUCT: Metal Belt Conveyor, Incline and Straight Roller Bed Belt Conveyor and Gravity Roller Conveyor

THE INDUSTRY: Concrete Block and Cement

THE NEED: A concrete manufacturer needed a discharge system that would merge into one lane from two new bag fillers. The equipment needed to withstand harsh environmental conditions and still perform optimally.

THE SOLUTION: Omni Metalcraft Corp. provided two lanes of heavy duty take-away Metal Belt Conveyor with knock-down bars for bag flattening. Each lane fed an Incline Belt Conveyor allowing for a smoother transition, where a horizontal transition would have turned or damaged the bags. An impact reduction bar was utilized to break the bag's fall onto a line of accumulation belt conveyor eliminating bag tearing. The merged line of bags was then conveyed up a steeper belt incline to a Gravity Roller Conveyor where bags were manually unloaded onto a pallet.

