

BAG TURNER NO: 403

THE APPLICATION: Turning Bags and Changing Orientation

THE PRODUCT: Belt Conveyor with Bag Turning Device

THE INDUSTRY: Food Manufacturing

THE NEED: A food manufacturer needed to change position and orientation of bags ranging from 25 to 50 lb. The bags start in the standing position for filling and sealing. They were transferred by a pneumatic pusher punching the paper bag, occasionally tearing the bag. This portion of the conveyor line also blocked an aisle resulting in the bag turning device needing to be portable as well.

THE SOLUTION: Omni Metalcraft Corp. designed a portable belt conveyor that utilizes the movement of the belt to convey it into a knock-down bar that gently pushes the bag down onto a slide pan. The slide pan works with the turning wheel to pull the bag down flat and turn the bottom of the bag as the leading edge for transfer.

■ Turning wheel to change orientation

■ Slide pan to catch product

■ Washdown drive package

■ Adjustable knock-down bar

■ Fork pockets to lift and move

■ Slip top belt allows bag movement

■ Casters for portability

