

CASE HANDLING DIVERT LINE



THE APPLICATION: Delivering Cases from a Case Packer to a Storage Spiral or a Manual Palletizing Line

THE PRODUCT: Plastic Belt Curve and Slaved Transfer, Gravity Roller Conveyor, 24V Flat Motor Driven Roller Curve and Manual Divert Arm

THE INDUSTRY: Consumable Goods

THE NEED: A household cleaner manufacturer needed to insert a new section of heavy duty conveyor into an existing line. This new conveyor would receive full cases of product from a case packer and deliver them to a storage spiral or have the option to divert cases to a manual palletizing line.

THE SOLUTION: Omni Metalcraft Corp. provided a 30 degree Plastic Belt Infeed Curve Conveyor that slaved a discharge conveyor mounted parallel. A drop in divert arm was provided to transfer cased products from one line to another to be manually palletized. The divert arm could also be removed to allow cases to be conveyed to a storage spiral or to a manual palletizing line. 24V Flat Motor Driven Roller Conveyor was utilized to feed the spiral due to space limitations that typical AC powered conveyor could not have met. Declined Gravity Roller Conveyor was utilized to accept and accumulate cases that were being conveyed to a manual palletizing line. A drop in blade stop was utilized at the end of the gravity conveyor to accumulate cases until they were manually transferred onto a portable gravity roller conveyor.

■ 30 degree plastic belt conveyor curve

■ Slaved transfer conveyor

■ Manual divert arm

■ 60 degree 24V flat motor conveyor curve

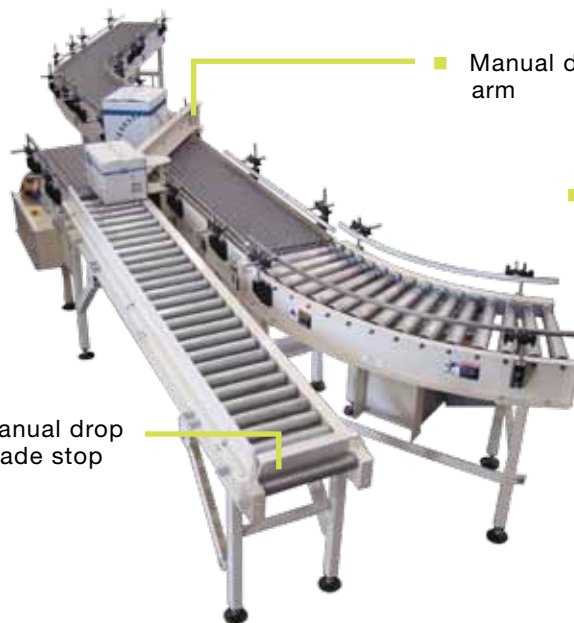
■ Customer specified belt

Scan this code to see this equipment in motion



■ Manual drop blade stop

■ Tool-free removable and adjustable side guides



Omni Metalcraft corp.

P.O. Box 352 ■ Alpena, Michigan 49707
Phone 989.358.7000
Fax 989.358.7020
info@omni.com
www.omni.com