



## PACKAGING SYSTEMS

International Incorporated

# VARIABLE FREQUENCY DRIVE (VFD) CONTROLLED BAG DIVERTER UPGRADE

### ASSEMBLY: BAG DIVERTER ASSEMBLY

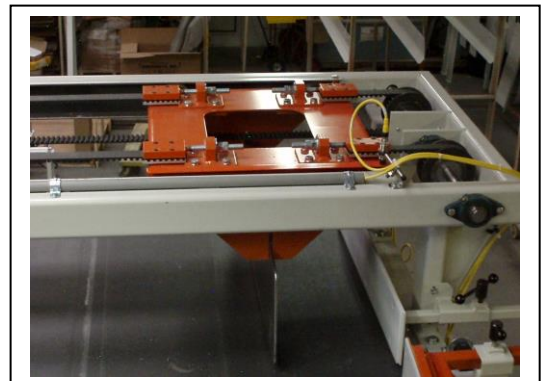
**Overview:** Replace the existing pneumatically driven Bag Diverter Assembly to the motor driven Variable Frequency Drive (VFD) design.

### Advantages:

- The VFD Controlled Bag Diverter, **developed by and used by Packaging Systems International** provides smooth, consistent, quiet, preset stopping positions for the Model 2300 and 2400 Bag Diverter, helping to assure a more consistently positioned bag through the downstream sections of the machine.
- Movement is accomplished through the use of a gear motor and HTD belting configuration, controlled with a Variable Frequency Drive (VFD).
- Stopping positions are adjustable for multiple bag widths and product densities.
- Positioning is preset through the HMI (Human Machine Interface) touch screen, allowing preset data to be saved for individual pattern/ product selections.
- Positioning values may be adjusted during manual or automatic operational modes to accommodate variations in product density and/ or container handling characteristics.
- An upgraded “Absolute Positioning” version is available which is controlled through the proven, reliable EtherNet control interface.
- Elimination of the current shaft arrangement removes one more wear concern from the system.
- Less air pressure required for system operation during critical machine cycles.

### Included in Upgrade Package:

- Complete VFD Controlled, Motor Driven Bag Diverter Assembly
- Variable Frequency Drive electrical upgrade package mounted in an enclosure (Additional 3 Inputs and 3 Outputs must be available from existing I/O)
- Related PLC and HMI program modifications, designed specifically for the requirements of each system
- Engineering, drawing updates
- Motor and Gearbox warranted for 1 year



### Installation by PSI Field Service is highly recommended.

Selling Price **\$26,710.00**

Field Service Installation costs are not included in the selling price.

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