



## REB INC. – MODEL IVS AUTOMATIC IN-LINE PISTON FILLERS AND DEPOSITORS

The REB IVS Series of automatic, in-line piston filling and depositing systems range from a single cylinder to a ten cylinders. Filling speeds range from 10 – 120 containers per minute.

- Fill a very large range of products from thin solvents to thick gels and pastes to large particulated products such as potato salad and pie fillings;
- Fill sizes (on a single machine cycle) range from fractional ounces to 5 liters;
- All automated inline filling systems are supplied with positive closing nozzles and powered conveyors;
- Machine frames are all stainless steel and the product contact systems are stainless steel and food grade plastics;
- Two types of piston drives, depending on the application: pneumatic piston drives and hydraulic piston drives;
- Allen-Bradley PLC (others available);
- Accuracies guaranteed to +/- 1/2-1% of fill weight;
- Operations Manual.

### Model Description

#### FEATURES:

Four different types of container indexing systems are available, up to three types can be used on one machine. This makes the machine very flexible for filling a variety of containers. Standard container indexing is the gating finger method of indexing, which is the most versatile for filling a wide range of container shapes and sizes. Also available is an indexing star-wheel, which is used mostly for round containers to achieve faster indexing speeds. The third method of container indexing is the servo motor-driven timing screw (spiral). This is used mainly for oval containers and eliminates container shingling and positions the bottles under the nozzles consistently. The last type is a multiple lane indexing conveyor system. The type of container indexing used is dependent upon the application and container.

All in-line machines have a gross volume adjustment and a fine tune adjustment. The hydraulic drive unit is capable of having its gross volume changed from the operator interface control panel. On the pneumatic drive units, the gross volume is adjusted manually by a hand wheel at the rear of the machine.

The IVS filling and depositing systems can be built to be expanded at a later date for increased production demands.

#### AVAILABLE OPTIONS:

- Larger and Special Hoppers;
- Hopper Lifts;
- Agitated Hoppers;
- Multiple Stroke Fills;
- Interchangeable Product Cylinder and Piston Assemblies;
- Special Conveyors: "U" Shaped, Right Angle Turn or Raised Sanitary;
- Bottom-Up Filling Nozzle Assemblies;
- Touch Screen Operator Interface Controls;
- Container Neck Centering Mechanism;

- NEMA 7 Explosion Proof Electrical System;

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- Heated Cabinets.