



# High Speed Servo Driven Bagging Machines

## MODEL MB-25 and MB-250

**A Fully Automatic PLC based Servo Driven Form-Fill-Seal Machine with Multi-Head Combination Weigher for High-speed, Accurate and Reliable Packing of Products**

### Product Range

- Rice, Pulses, Tea, Coffee beans, Candies / Toffees, Tablets, Cashews, Potato / Banana wafers, Snack foods, Fresh & frozen foods, Dried fruits, Pasta pieces, Detergents, Hardware items, Spices, Soup mixes, Sugar, etc.

### Filling Range

- For MB-25 : 10 grams to 500 grams,
- For MB-250 : 10 grams to 3000 grams

### Output up to 90 packs per minute

Pack size	For MB 25	For MB 250
• Width in mm	40 to 175	50 to 250
• Length in mm	70 to 250	70 to 500

### Filling Systems

10 Head computerized combination weigher with following features:

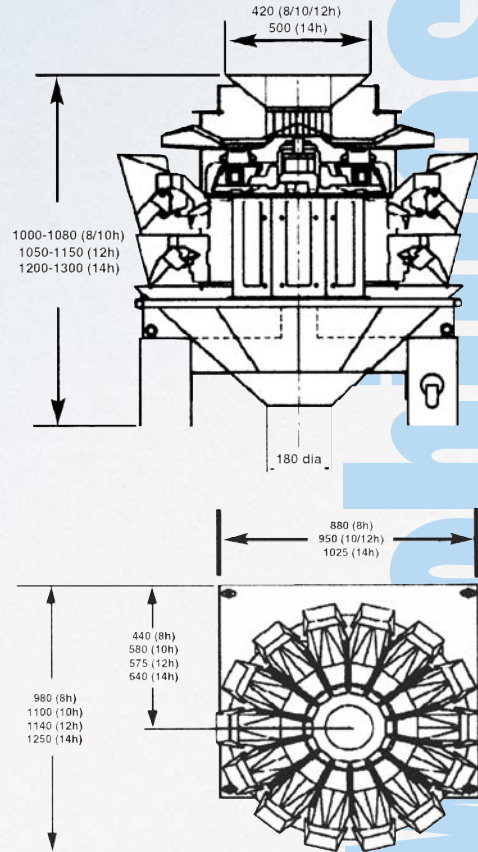
- Completely micro-processor controlled for easy set-up and operation
- Stepper motor drives for all actuators & no Pneumatics is needed
- Superior accuracy with high speed operation
- User friendly colour touch screen controls
- Simple product change-over
- Self-diagnostic
- Quick access to all parts for cleaning and maintenance. No tools required
- Statistical data available on screen or via optional printer output
- Stainless steel contact parts throughout. IP 65 rated
- Machine setting can be simply programmed and stored in the machine memory to allow for different product weights, as well as products with different feeding characteristics.
- Weighing accuracy 0.4 to 1.0 gram
- Product codes up to 99

Stepper motor drives control both the intermediate and weighing buckets, which can be custom-set for the desired speed and product volume. 12 Head Combination weigher can be given as an option.

### General Information

A vertical Form Fill and seal machine for producing central sealed sachets handling all types of free flowing / non-free flowing Powders / granules.

Model MB 25 & MB 250 handle single reel film stock, having 76 mm core diameter. Max. Reel width is 330 mm for MB 25 and 530 mm for MB 250. Draw down of the film is through draw down belts, driven by Servo Motor drive. The length of the bag is controlled by Print registration system, which is PLC controlled. For unprinted film, the bag length can be adjusted from the single touch key pad provided on the front panel.



### Special Features

- Servo driven draw down belts
- Servo Motor driven high speed sealing Jaws
- PLC control with HMI
- Pneumatic actuated draw down belts, driven by Servo Motor
- Detachable Perspex and stainless steel guards. Easy for fault finding.
- Can be adapted to seal unsupported films using impulse sealing system
- In-built self-diagnostic features
- Hourly production data
- Overload protection
- P.C. Uplink facility (Optional)
- Password protection setting

### Packaging Materials

The machine will accept most types of laminated films up to maximum of 500 gauges (125 micron). It is important that the sealing medium incorporates the best possible slip characteristics. Pure unsupported polythene film may be used with special impulse sealing equipment.

### Electricals & Pneumatic requirement

- Power Input for Bagging machine : 3 phase, 415 V AC, 50 Hz, 3.4 KW
- Power Input for Multi-head weigher : 220 + 5 V AC, 50 Hz, 1.5 KVA
- Compressed Air Pressure : 6.0 kg/cm<sup>2</sup> g

### Dimensions & Weight

	For MB 25	For MB 250
Floor area with weigher stand in mm	2400 x 2400	2400 x 2400
Height with 10 / 12 Head Weigher in mm	2800	3200
Nett weight in kgs	1000	1200

### Optional Extras

Take-off Conveyors, In-Feed Product Elevator system, Batching device, Tear-cut devise, Perforator between sachets, Coding, Over-printing attachment, Gas flushing system, Servo Stabilizer.



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*Due to continuous improvement, specifications are subject to change without prior notice.*