

# Automatic Form Fill and Seal Machine with Multi Head Weigher



## APPLICATION :

**Dry & Processed Foods, Fresh Foods, including Fruits & Vegetables for example :** Snack Foods, Seeds (Pulses), Coffee (Granules/Beans), Tea, Sugar, Grated Cheese, Bakery Products, Candies & Confectionery, Rice, Olives, Nuts & Dried fruits, Spices, small Pasta Pieces, Pet food (pellets) etc.

**Non Food for example :** Chemicals, Washers, Hardware, Electrical and Plumbing Parts etc.



## FEATURES :

- Perfect combination of High speed and high accuracy.
- Digital sensors enhance the speed, accuracy and anti-jamming capability
- The opening and closing speed of weigher hoppers can be adjusted to avoid material falling into pieces or being blocked.
- Stainless steel with IP65 waterproof, dust-proof and erosion-proof design keeps the accessories hygienic
- Step Motor Drive with speed control.
- The function of data statistics can make records such as pack no., pass rate, average error of each pack, etc.
- Each linear feeder amplitude can be auto/manual adjustable will ensure the product's easy flowing with high accuracy.

• Liquid crystal and touch screen with optional language makes it easy to operate

**Optional :** ♦ Dimple Plate ♦ Timing Hopper ♦ Printer ♦ Rotary Top Cone  
♦ Level Sensor Control for Material Feeding

ITEM	AD14	ADM14	AD10	ADM10
Voltage	AC110/220V	AC110/220V	AC110/220V	AC110/220V
Power frequency	50/60HZ	50/60HZ	50/60HZ	50/60HZ
Required Current	10A	12A	8A	9A
Power	1.5KW	2KW	1.0KW	1.2KW
Weigh Head Nos.	14	14	10	10
weigh Range	10-1200g	2000g	10-1000g	10-2000g
Weigh Volume	1300ml	2500ml	1300ml	2500ml
Max. weigh Speed	130WPM	130WPM	70WPM	60WPM
Preset Program	50	50	50	50
Machine Size (L)	1235mm	1600mm	1105mm	1455mm
Machine size (W)	1182mm	1630mm	1027mm	1427mm
Machine Size (H)	1385mm	2042mm	1250mm	1850mm
Machine weight	460kg	520kg	330kg	430kg

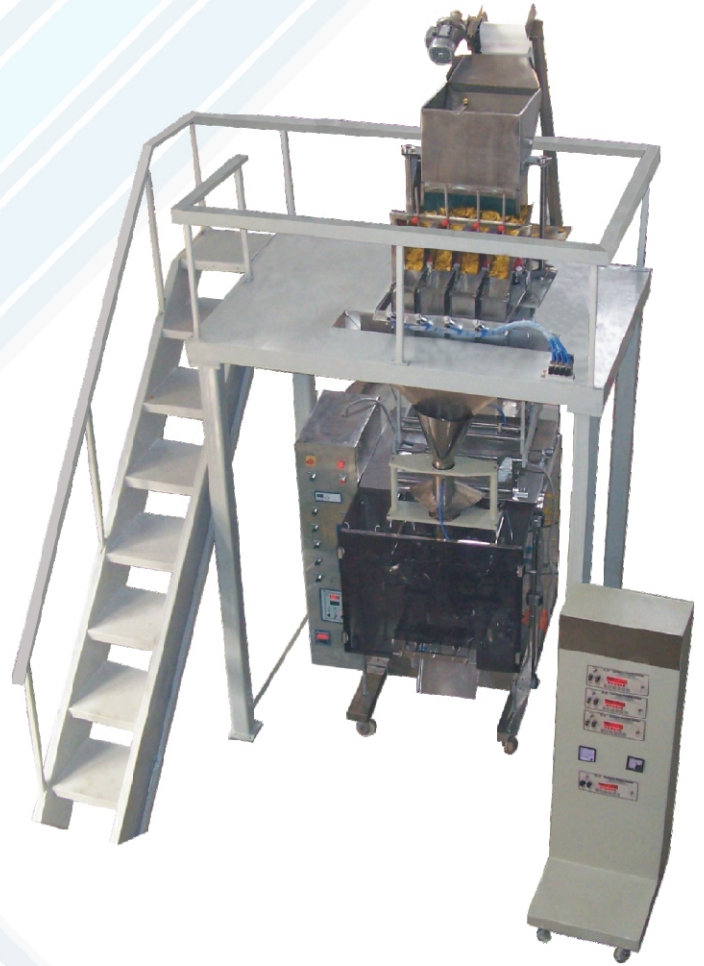


# Automatic form fill seal machine with linear load cell weigher



## SALIENT FEATURES of LINEAR WEIGHER

- Highly accurate; accuracy within the range of 2-20 grams from 100 grams to 5 kgs packing
- Load cell controlled weighing system, which ensures highly efficient weighing, easy calibration and weigh setting thus reducing weighing changeover time.
- Digital display shows the weight in each pack, thus the positive feed back.
- Suitable to pack even non uniform products and product with various bulk densities
- No effect of change of bulk density of the product on the setting of the machine as weight based positive control system.
- Bulk and fine feed control to achieve the max speed with near perfect accuracy
- All contact parts with material are made of stainless steel.
- Provision can be made for level sensor and material feeder.
- Option for 1,2,4,6 head linear weigher and 10, 14 head combination weigher available.



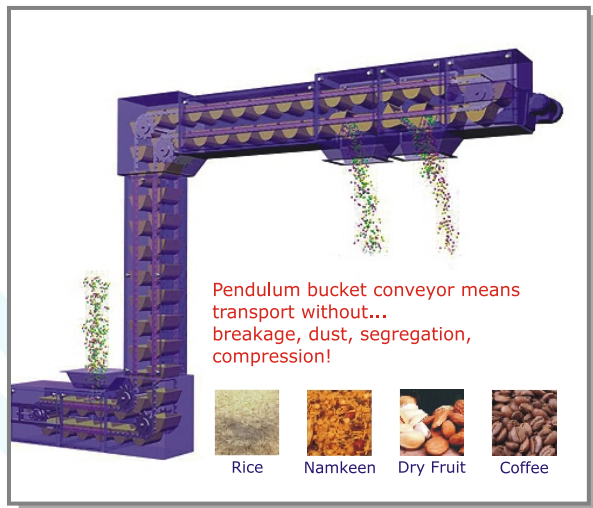


## Features of Form Fill and Seal machine (Bagger):

- Heavy Duty Belt pulling system
- Beautiful workmanship to ensure trouble free performance with least maintenance
- **Speed** : max up to 100 bags per min. (dry run) (depending on film thickness and size)
- **Capacity** : 10-50 grms., 100-500 grms, 1 kg-5 kg and 10 kgs models
- Heavy duty pneumatic controlled vertical and horizontal sealing
- Hi speed true colour sensor for eye mark sensing in print registered pouches.
- All around stainless steel covering model (GMP model) also available.
- PLC controlled state of art system
- Touch screen display for parameter setting and real time functioning of the machine (LCD display option also available)
- "V" groove type sealing to ensure perfect sealing integrity
- Motorised and sensor controlled pre pulling system for maintaining equal tension during main pulling operation
- High quality heating element supported by digital temperature controller (PID type)
- Hi-speed servo controlled pulling and sealing models also available

**Power consumption** : 3.5Kw (connected)

**Optional Attachment** : Batch Cutting, Ink Coding  
Gusset Forming, Nitrogen Flushing  
UV Sterilization, Static Charge Eliminator



## Features of Auger Filler :

- ◆ Reliable servo control/shaft Encoder & clutch & Brake control of auger revolutions for repeatable, accurate dispensing
- ◆ Filling by auger revolution Count or by weight based on load cell
- ◆ Controller diagnostic and self-Testing for easy fault notification and identification
- ◆ Valuable Status and production totals available directly from control Panel
- ◆ Stainless steel product contact parts
- ◆ Option for all around stainless steel covering (GMP Model)
- ◆ Heavy duty stirrer system for maintaining same feed for sticky products
- ◆ Option for bulk and fine feed in the weighmetric control model.
- ◆ Solid state clutch & brake control/servo control for accurate, repeatable auger control and coast compensation.

**Optional** : ✓ Additional Hopper for Manual Feeding    ✓ Screw Feeder    ✓ Level Sensor

# Automatic form fill seal machine with volumetric filler



## Automatic Form Fill Seal Machine (Collar Type) with auger filling system

PRODUCT	Powder such as Milk, Wheat Flour, Besan, Maida, Spices etc.
CONTROL	PLC Controlled with Digital MMI Display
CAPACITY	Upto 2 kg.
SPEED	Upto 60 packs per min.*
MAX. ROLL WIDTH	500 mm
MAX. ROLL DIA	350 mm



## Automatic Form Fill Seal Machine (Collar Type) with volumetric piston filling system

PRODUCT	Liquid & semi Liquids as Adhesive, Oil etc.
CONTROL	PLC Controlled with Digital MMI Display
CAPACITY	Upto 2 kg.
SPEED	Upto 30 packs per min.*
MAX. ROLL WIDTH	500 mm
MAX. ROLL DIA	350 mm



AUTHENTIC DESIGNER'S

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\*Speed may vary depending on product and packing size

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\*\*All the features and characteristics related to design and appearance can be modified without prior notice and all the accessories shown may be the part of higher models than quoted.