



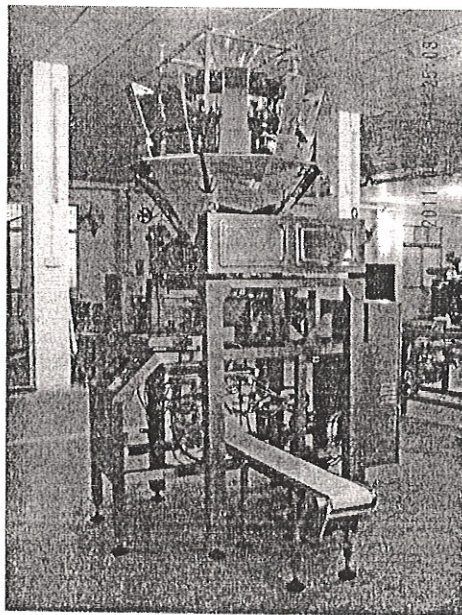
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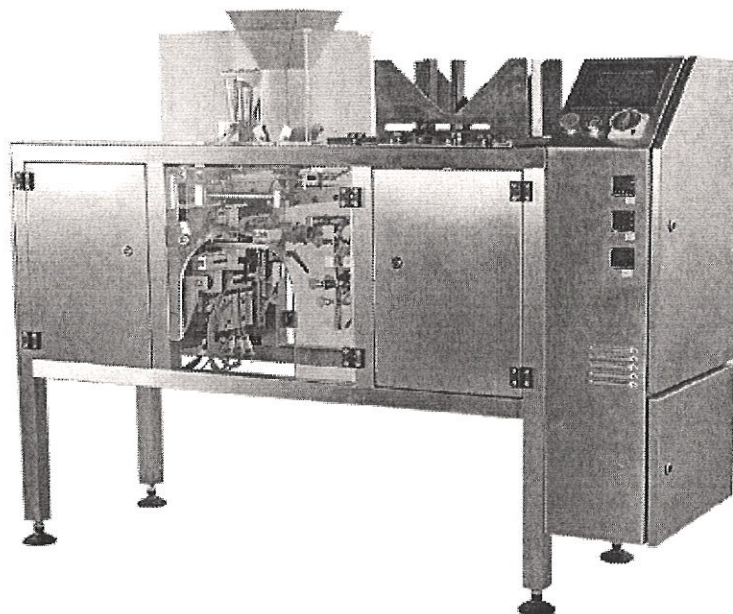
web: [www.apaiusa.com](http://www.apaiusa.com)

July 30, 2014



Name	Model	Qty
Single Station Pre-Made Pouch Packaging System for Pre-made or Stand-Up Pouches	MDPS-200B	1
Stand-Up Zipper Lock Opener - Option	ZPO	1
Product Settler/Shaker (required option for pouch machine to settle product)	PSS	1
Infeed Hopper for Chicken Jerky (Dimpled Surface)	IFH	1
10-Head 2.5 L Combination Scale	10-H 2.5L	1
Connection Hopper with Eject the Overweight Function and Empty Scale Function	ConHop	1
Ink Jet Printer, Mounting System and Indexing Device for printing date code/exp code on the bags in the magazine. Weber printer, uses HP cartridges	IJP	1
Stainless Steel Platform for mounting scale and walk platforms and ladder for operators to service scale.	SSP304	1
Bucket Elevator for 10-Head Scale with vibrating 2 cubic foot hopper	BE-10H	1
Nitrogen Gas Flush - Option	GSFL	1
	TOTAL	

## **1. APAI ECONOPOUCH**



### **Specifications:**

Standard: Stainless Steel 304 Frame

### **Working Range:**

Bag Width: 130mm ≤ Width ≤ 300mm

Bag Length: 130mm ≤ Width ≤ 300mm

Bag Length: Premade Pouch / Doypack Pouch / Pre-opened Zipper Pouch

Bag Size: 220mm X 270mm, Stand-Up Pouch

Bag Shape: Premade Pouch / Doypack Pouch / Pre-opened Zipper Pouch

Max Speed: Up to 18 BPM, anticipated speed with stand-up zipper pouch 6-8ppm, anticipated speed without zipper pouch 8-10ppm.

Power : 220V/60HZ Single Phase 20 Amps

Air: 7.0 CFM@80 PSI

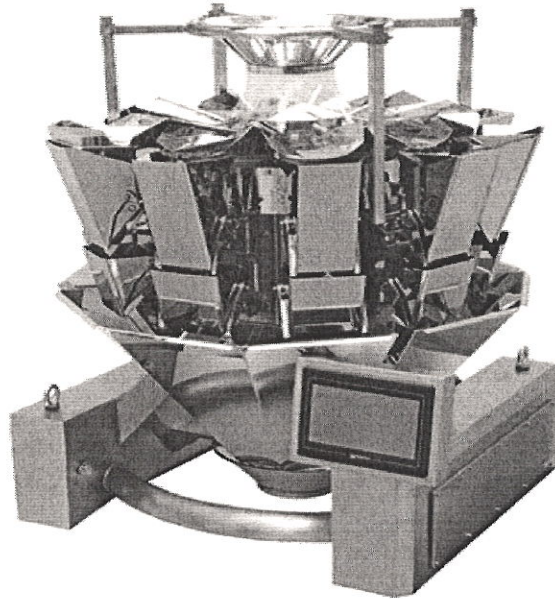
Electronic: Omron PLC; Omron PID Temperature Controller;  
Delta 7 inch Color Touch Panel

Pneumatic: SMC Pneumatics Component  
Germany Piab Vacuum Generator

**Technical Features:** No Bag, No Dump; Easily Adjustable; Low Operating & Maintenance Costs;  
Multi-Bag Format; InterLock, CE Application

**Mechanical:** Stainless Steel 304 Machine Frame with 3mm Thickness Fabrication  
All bearing should be Stainless Steel 304

## **2. 10-HEAD 2.5L WEIGHER**



### **Technical Data:**

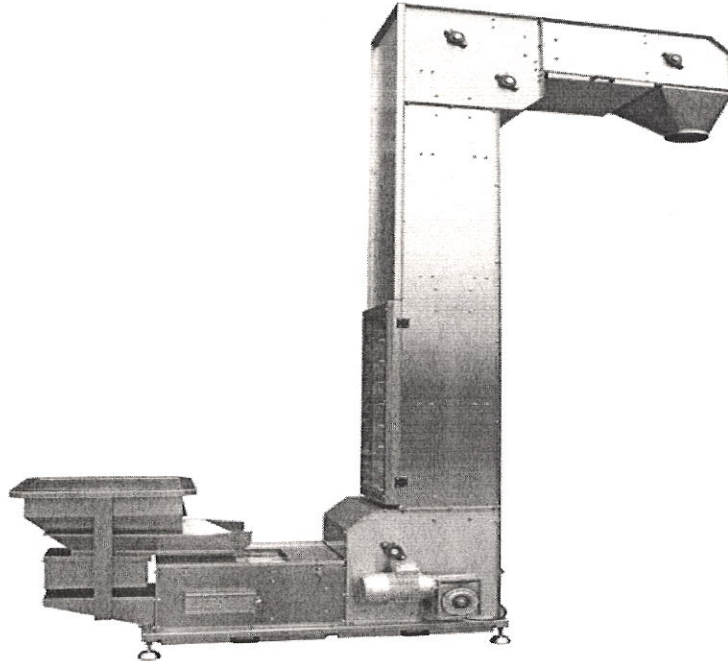
Max. Capacity:	100g-3000g
Weighing Accuracy:	1-5g
Max. Weighing Speed:	Capable of up to 50 bags/min
Hopper Volume:	2500ml
Control Panel:	7.4" LCD Touch Screen
Driving System:	Step Motor
Power Requirements:	220V / 2000W / 50HZ / 12A
Gross Weight:	650KG
Packing Dimensions:	2179mm (L) X 1382mm (W) X 1805mm (H)

### **Special Function:**

Staggered Dump:	The combined buckets will be opened one by one; this keeps the product from being blocked at the collection chute.
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### **3. BUCKET ELEVATOR FOR 10-HEAD SCALE**



#### **Technical Data:**

##### **Bucket Elevator:**

Capacity of Transportation: 0-10 m<sup>3</sup>/h (calculated by 50% full bucket) Weighing

Output Height: 3700mm

Power: 1500W / 415V / 50HZ

Chain/Sprocket Wheel: Japanese KANA Stainless Steel Chain & Sprocket Wheel

Bucket Material: PP Plastic (food grade)

Bucket Capacity: 1.8L

Control: Frequency Transformer Control

Weight: 400kg

##### **Vibrator:**

Capacity of Vibrator: 0-10 m<sup>3</sup>/h

Power: 220V / 60HZ / Single Phase / 150W

Frame Material: Stainless Steel 304

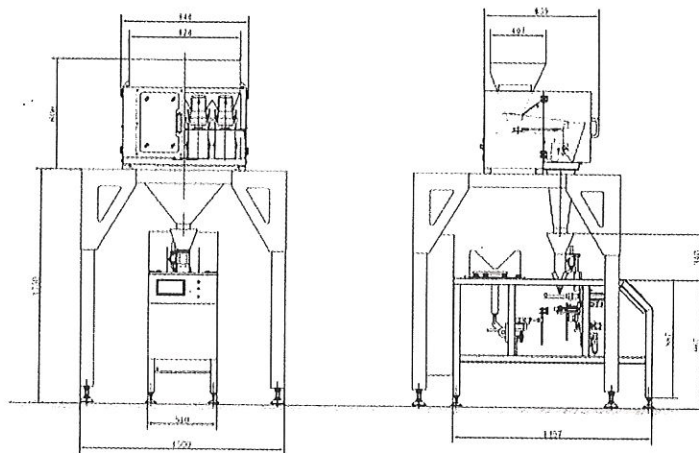
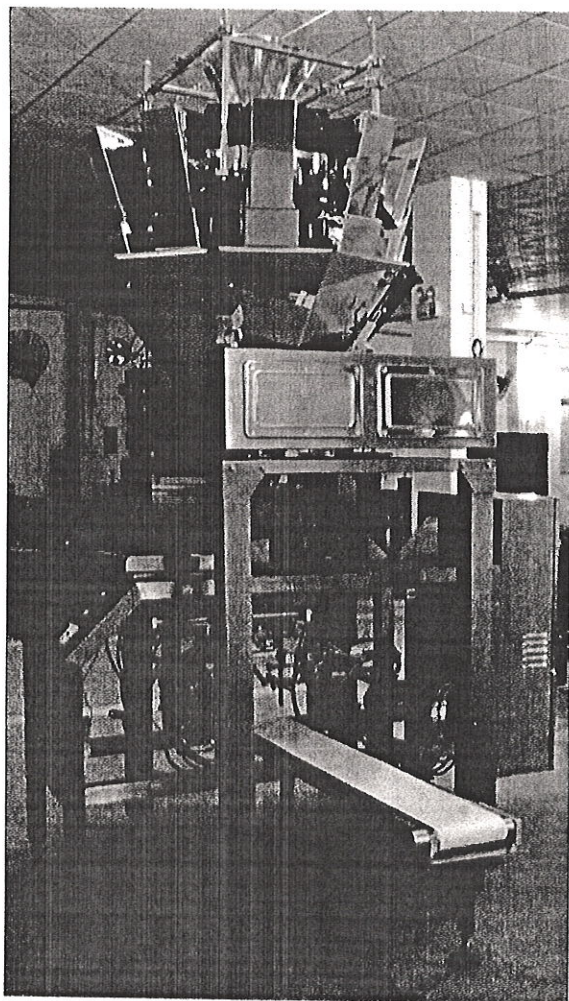
Capacity of Hopper: 120L

# APAI

ACTION PACKAGING AUTOMATION, INC



## APAI ECONOPOUCH - PREMADE POUCH PACKAGING SYSTEM

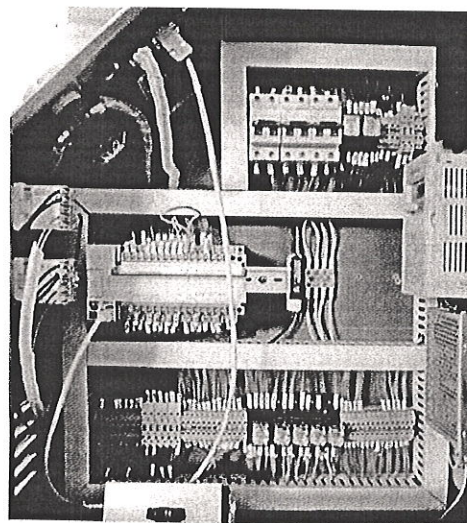


### Econopouch Specifications:

Bag Width	5.9" to 11" (150mm to 280mm)
Bag Length	5.9" to 12.6" (150mm to 320mm)
Power	220V 20A 1Ph
Air	7.0 CFM @ 80PSI
Speed	18 bpm 10bpm w/ zipper opener
Spare Parts	SMC swappable pneumatics Mitsubishi PLC Omron/Schneider Delta Frequency Controller

### Econopouch Options:

- Stand Up Zipper Attachment ✓
- Full Washdown Model Available ✓
- Product Vibration/Settler
- Gas Flushing / Vacuum Seal ✓
- Take-Away Conveyor / Extended Conveyor ✓
- Stainless Steel Collection Table ✓
- Date Coding, Embossing, Hot Stamp, Inkjet ✓
- Filling Options:
  - Linear and Combination Weighscales
  - Volumetric Fillers
  - Hopper Conveyors - for hand loaded products
  - Custom designs - just ask!



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## APAI ECONOPOUCH - PREMADE POUCH PACKAGING SYSTEM

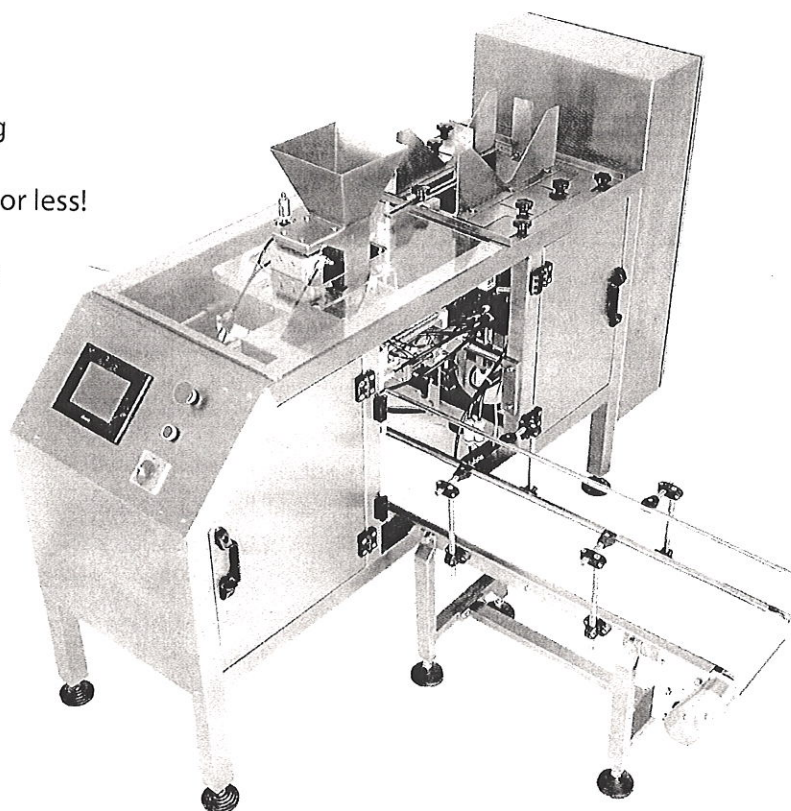
STANDUP with ZIPPER, ZIPPER pouches and plain laminated pouches all in one machine!

Ideal For: Cookies, Coffee, Frozen Foods, Cereals, Sugar, Nuts, Candy, Popcorn, Seed, Cheese, Chips, Pasta, Bird Seed, flower Bulbs, Hardware, Plastic Parts, etc.

The new economical Econopouch pouch filling system is a compact system which easily loads premade pouches from a pouch stack on the top of the machine. During filling the pouches are held in place with our "posi-hold" gripper system which allows for heavy weights and shock loads without disturbing pouch position..

### FEATURES PRE-MADE POUCHES:

- Automatically opens and holds for filling
- Seals in place
- Economically Priced - One Year Payback or less!
- Small Footprint
- Simple to operate and low maintenance
- Smart! No pouch - no dump
- Load pouches while running machine
- Easily Adjustable
- Multiple Pouch Formats and Sizes



### Bag Opening

Bags are individually removed from the pouch stack with a combination of vacuum and pneumatic actuators. They are rotated to the fill area and opened using gripping system.

### Transition Chute

Doubling as a timing bucket product, the product enters the transition chute while the bag is being opened below; upon bag detection the chute enters the bag and opens its gate and the product is dispensed immediately. System can also be adapted for use with liquids, powders and piece products.

### Sealing

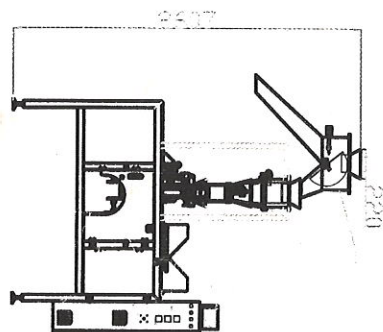
Digitally controlled ribbed or flat constant heat seal bars give a neat attractive seal. As the bag moves upward after it is filled, it is pulled flat then sealed "in place" eliminating wrinkles and folded corners.

### Machine Controls

System controls are fully solid state, utilizing a commercial PLC and pneumatics. Indicator lights signal all cycle processes for easy monitoring. Machine features touchscreen operation and easy to reach stop and start buttons.

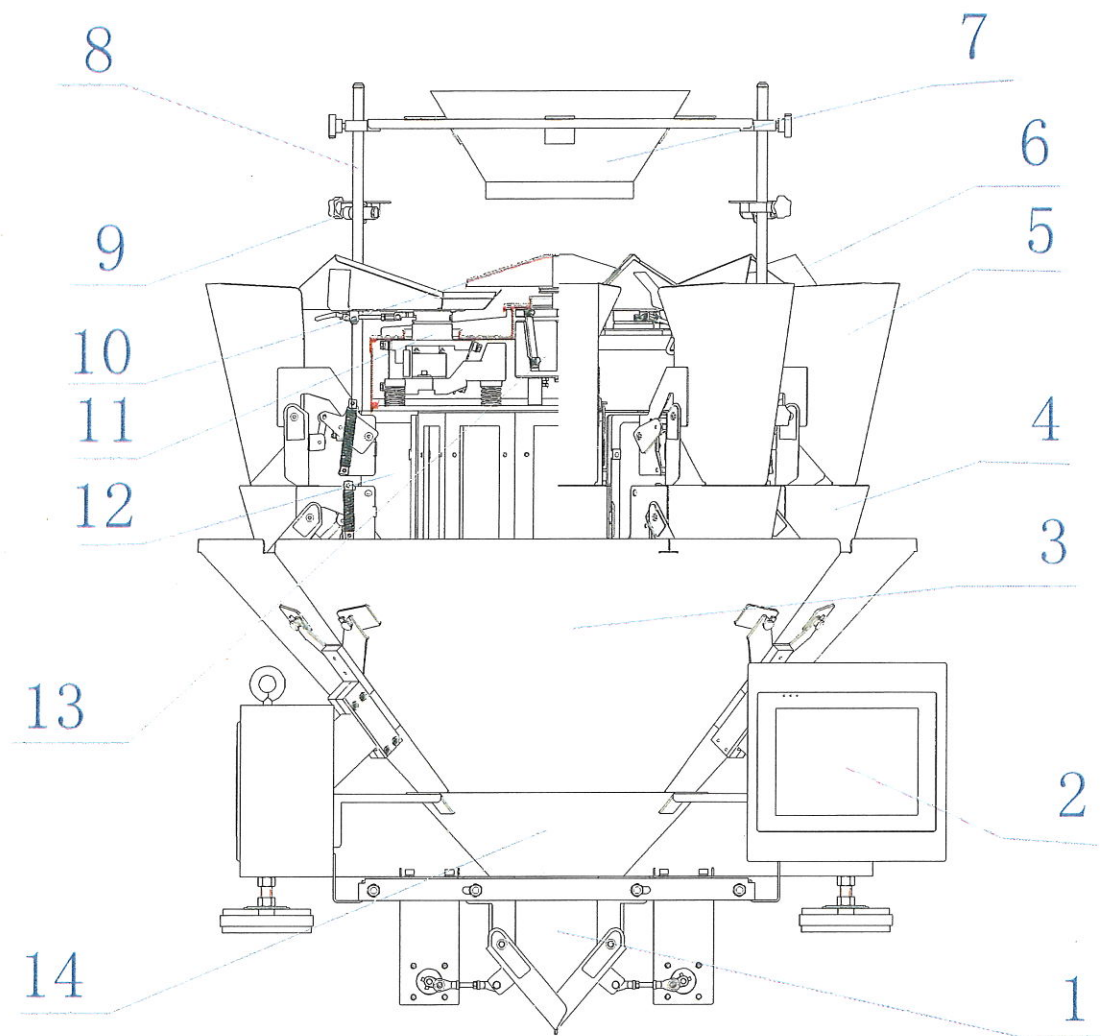
### Spare Parts and Service

All pneumatics are SMC swappable. All electronic components are internationally available. Service is provided through our USA office in New Jersey. English and Spanish spoken.





# Main Parts Construction



Part No.	Description	Part No.	Description
1	Timing Hopper	8	Support Post
2	Control Panel	9	Pro. Level Sensor
3	Discharge Chute	10	Main Vibrator Pan
4	Weigh Hopper	11	Linear Vibrator
5	Feed Hopper	12	Actuator
6	Linear Vibrator Pan	13	Main Vibrator
7	Upper Storage Funnel	14	Discharge chute Gate