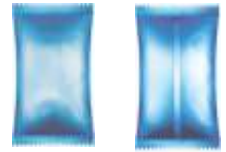


Automatic Form Fill Seal Machine with Multihead Load Cell Weigher

Model No. AP10



(Center Seal Pillow Pouch)



(3 Side Seal Pouch)

← 'Z' Bucket Elevator

APPLICATION:

- ♦ Dry & Processed Foods
- ♦ Fresh Foods including Fruits & Vegetables for example: ♦ Snack foods ♦ Seeds ♦ Pulses
- ♦ Coffee (Granules/Beans) ♦ Tea ♦ Sugar ♦ Bakery Products ♦ Candies & Confectionery
- ♦ Rice ♦ Olives ♦ Nuts & Dried Fruits ♦ Whole Spices ♦ Green Peas Pasta ♦ Pet Food (Pellets) etc.
- ♦ Non Food for example: ♦ Chemicals ♦ Washers ♦ Hardware
- ♦ Champor Tablets etc.

Optional Attachment: ♦ Z-Bucket Elevator Feeder System ♦ Level Sensor
 ♦ Coding System ♦ Inert Gas Flushing System ♦ Batch Cutting ♦ Pouch Conveyor
 ♦ Inclined Conveyor ♦ Gusset System

With Four Head Linear Weigher

Model No. AP04



ITEM	(Comb.)	(Comb.)	(Comb.)	(Comb.)	Linear	Linear
Weigh Head Nos.	14	14	10	10	2	4
Weigh Range	10-1200g	5000g	10-1000g	10-2000g	10-1000g	10-1000g
Weigh Pan Volume	1300ml	2500ml	1300ml	2500ml	1000 ml	1000ml
Max. Weigh Speed	130WPM	130WPM	70WPM	60WPM	15WPM	25WPM



Automatic Form Fill Seal Machine (Collar Type) with Auger Filling System

Model No. APAF



- ◆ **PRODUCT:** Powder such as Milk Powder, Spices, Wheat Flour, Besan, Maida etc.
- ◆ **CONTROL:** PLC Controlled with Touch Screen Display.
- ◆ **CAPACITY:** Upto 10-50grm | 100-500grm | 1Kg-5kg | 5kg-10kg
- ◆ **SPEED:** Upto 100 packs per min.*
- ◆ **Max Roll Width:** 500mm.
- ◆ **Max Roll Dia:** 350mm.

- Optional Attachment**
- ◆ Batch Cutting
 - ◆ Coding System
 - ◆ Nitrogen Flushing
 - ◆ UV Sterilization
 - ◆ Static Charge Eliminator
 - ◆ Screw Feeder Unit
 - ◆ Pouch Conveyor
 - ◆ Gusset System



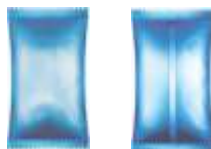
(Center Seal Pillow Pouch)



(3 Side Seal Pouch)

Automatic Form Fill Seal Machine (Collar Type) with Volumetric Filling System

Model No. APCF



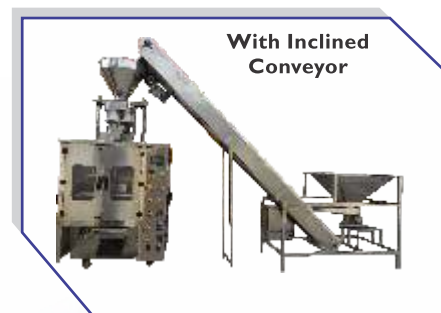
(Center Seal Pillow Pouch)



(3 Side Seal Pouch)

- ◆ **PRODUCT:** Granules such as Dalia, Suji, Pulses, Macroni, Rice, Namkeen, Sugar, Tea etc.
- ◆ **CONTROL:** PLC Controlled with Touch Screen Display.
- ◆ **CAPACITY:** Upto 20-50g | 100-250g | 500-1000g | 2-5Kg
- ◆ **SPEED:** Upto 60 packs per min.*
- ◆ **Max Roll Width:** 500mm.
- ◆ **Max Roll Dia:** 350mm.

- Optional Attachment:**
- ◆ Z-Bucket Elevator Feeder System
 - ◆ Level Sensor
 - ◆ Coding System
 - ◆ Inert Gas Flushing System
 - ◆ Batch Cutting
 - ◆ Pouch Conveyor
 - ◆ Inclined Conveyor
 - ◆ Gusset System



Automatic Form Fill Seal Machine (Collar Type) with Volumetric Piston Filling System

Model No. APLI

- ♦ **PRODUCT:** Liquid & Semi- Liquids such as Tomato Sauce, Adhesive, Hot-melt Adhesive etc.
- ♦ **CONTROL:** PLC Controlled with Touch Screen Display.
- ♦ **CAPACITY:** Upto 2.5 Kg.
- ♦ **SPEED:** Upto 20 packs per min.*
- ♦ **Max Roll Width:** 500mm.
- ♦ **Max Roll Dia:** 350mm.



Optional Attachment: ♦ Pump Feeder System ♦ Level Sensor
♦ Coding System ♦ Batch Cutting ♦ Pouch Conveyor

Automatic Form Fill Seal Machine (Collar Type Compact) with Volumetric Filling System**

Model No. APCTC

- ♦ **PRODUCT:** Granules such as Dalia, Suji, Pulses, Spices, Namkeen, Sugar, Tea etc.
- ♦ **CONTROL:** PLC Controlled with Touch Screen Display.
- ♦ **CAPACITY:** Upto 100grm | 200-500grm
- ♦ **SPEED:** Upto 60 packs per min.*
- ♦ **Max Roll Width:** 350mm.
- ♦ **Max Roll Dia:** 300mm.

Optional Attachment: ♦ Z-Bucket Elevator Feeder System ♦ Level Sensor

**Option for auger screw filling & weigh matrix filling, liquid filling also available in same model



(Center Seal Pillow Pouch)



(3 Side Seal Pouch)



*Speed will depend on actual product & quantity being filled.

Automatic Form Fill Seal (Quad Seal) Machine (4 Corner Seal) with Auger Filling System

Model No. AQAF

Screw Feeder

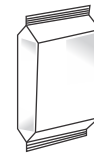


- ♦ **PRODUCT:** Powder such as Milk Powder, Spices, Wheat Flour, Besan, Maida etc.
- ♦ **CONTROL:** PLC Controlled with Touch Screen Display
- ♦ **CAPACITY:** Upto 100-200gm | 500-1000gm
| 1.0 kg.-2.0 Kg.
- ♦ **SPEED:** Upto 50 packs per min.*
- ♦ **Max Roll Width:** 500mm.
- ♦ **Max Roll Dia:** 350mm.

- Optional Attachment**
- ♦ Batch Cutting
 - ♦ Coding System
 - ♦ Nitrogen Flushing
 - ♦ UV Sterilization
 - ♦ Static Charge Eliminator
 - ♦ Screw Feeder Unit
 - ♦ Pouch Conveyor



4 Corner Seal



Gusset Bag



*Speed will depend on actual product & quantity being filled.



Horizontal Flow Wrap Machine (Down Film Pack)

Applications - Suitable to pack bread, biscuits, popsicle, moon-cakes, pies, chocolate, instant noodles, drugs, daily products, hardware and other regular size product.

- Model** - **AD:FWD**
- Packing Seed - 20-180 Bag/min**
 - Bag Type - Pillow Bag (Center seal)
 - Power - 220V 50Hz, 2.6Kw
 - Motor Configuration - Full servo Motors Cutter
 - Cutter Moving Type - Rotary Cutter
 - Control - PLC



POUCH PACKAGING MACHINES



Automatic Form Fill And Seal Machine (Compact Collar Type) With Auger Filler

- Model** - AD:CTC AF
- Product** - Powders such as spice powder, chemical power, coffee powder, pharmaceutical powder and other free flowing material
- Sealing Type - Centre Seal
 - Power - 2.5 Kw
 - Capacity - Upto 500gm**
 - Speed - Upto 40 Packs Per/Min**
 - Max Roll Width - 400mm
 - Max Roll Dia - 300m

**subject to technical approval by our team

Horizontal Flow Wrap Machine (Pillow Pack)

- Model - AD:FW
- Product - Biscuits, Chocolates, Books, Inner Pouch etc.
- Control - AC frequency drive
- Speed - Up to 150 Packs per/min**
- Max Roll Dia - 300mm
- Temp Control - Digital Temp. controller
- Eye Mark - Control for registered printed pouch roll



**subject to technical approval by our team



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**Automatic form fill seal Machine (Compact)
with Volumetric Cup Filler**

Product - Granules such as tea, coffee tobacco spices, rice, nuts, dry fruits, namkeens, snacks & other free-flowing materials

- Model** - **AD:CTC-CF**
- Sealing Type - Centre Seal
- Power - 2.5kW
- Capacity - upto 1000gm**
- Speed - up to 40 packs per min**
- Max Roll width - 400mm
- Max Roll Dia - 300mm
- Optional - Batch Coding System | Batch Cutting
Discharge Conveyor | Nitrogen Flushing



**Automatic form fill seal Machine
(Pneumatic type) with Auger Filler**

- Model** - **AD:CTC-AF**
- Product - Powder such as spice powder, SMP, washing powder, sattoo, chemicals, pesticide, baking powder, dry syrup, glucose, besan, maida etc.
- Control - PLC controlled with touch display
- Capacity - 5-25gm/25-100gm / 50-250 gm**
- Speed - Up to 15-40 packs per min**
- Max roll Width - 400mm
- Max Roll dia - 300mm
- Sealing Type - Centre seal/3 side seal/4 side seal
- Comp. Air Required - 3 - 4 CFM at 6 bar
- Optional - Batch coding | Screw Conveyor | Batch Cutting | Discharge Conveyor | Nitrogen Flushing



**subject to technical approval by our team



**Automatic Tea Bag Pouch packing Machine
with outer pouch**

The inner bag is filter paper, tagging with thread and label, packing in outer pouch automatically

- Model - AD:TBO
- Filling - Volumetric cup filler
- Fill Volume - 1.5-5g of powder tea
- Bag Size - H 60-75mm x W 55-70mm
- Tag Size - W 28 x L 23-28 mm
- Packing speed - 30-35 bag/min
- Dimensions (L*W*H) - 900 X 950 X 1800 mm
- Weight - 300Kg (Approx)



**Automatic Form Fill Seal Machine
(Mechanical Type) With Volumetric Cup Filler**

- Model - AD:FFSC
- Product - Granules such as tea, coffee, tobacco, spices, pluses, nuts, dry fruits, namkeens, snacks & other free flowing materials
- Sealing Type - Centre seal/3 side Seal/4 side seal
- Power - 1.5 Kw
- Capacity - up to 200gm**
- Speed - upto 60 packs per min**
- Max. Roll Width - 300mm
- Max Roll Dia - 300mm



**Automatic Form Fill Seal Machine
(Mechanical Type) With Volumetric Liquid Filling System**

- Model - AD:FFSL
- Product - Liquid & Thick Liquid such as shampoo, Oil, Ketchup, Paste, Chatni, Honey, Cream, Adhesive etc.
- Sealing Type - 3 side seal, 4 side seal
- Power - 1.5Kw
- Capacity - 5-15 ml / 10-30 ml / 50-100 ml**
- Speed - up to 50 pouches per min**
- Max. Roll Width - 250mm
- Max Roll Dia - 300mm



**subject to technical approval by our team

PENDULUM BUCKET ELEVATOR

This pendulum bucket elevator is very useful system for taking the material upward, distributing, feeding etc.

Buckets on bearings remains always vertically down while passing vertical, angular or horizontal travel plane thus ensuring no wastage and dropping of material during travel.

This pendulum bucket elevator works in order to lift the material vertically and then moves horizontally to transfer the material at the desired distance for required process. One elevator can feed to many systems requiring only one feed point.

This can also be interlocked to check which process or machine is demanding the material. This requires an electronic eye coupled with pneumatic system.



**Bucket Elevator
with form fill machine**

FEATURES

- ▶ Heavy Duty Stainless steel structure (M.S. Powder coated structure on demand)
- ▶ Heavy Duty food grade plastic buckets
- ▶ Heavy Duty chain
- ▶ All turn points in the elevator on sprocket and bearings
- ▶ Variable speed frequency drive controlled system for adjusting the speed as per requirement
- ▶ Easy cleaning systems
- ▶ Option for air knife i.e. forced air cleaning of each bucket
- ▶ No damage to product as there is no friction during the whole travel.
- ▶ Very less floor space is required.
- ▶ Elevator can be extended to feed further processes in future



Form fill seal machine with screw feeder



Pendulum bucket conveyor means transport without...
breakage, dust, segregation, compression!



Rice



Namkeen



Dry Fruit



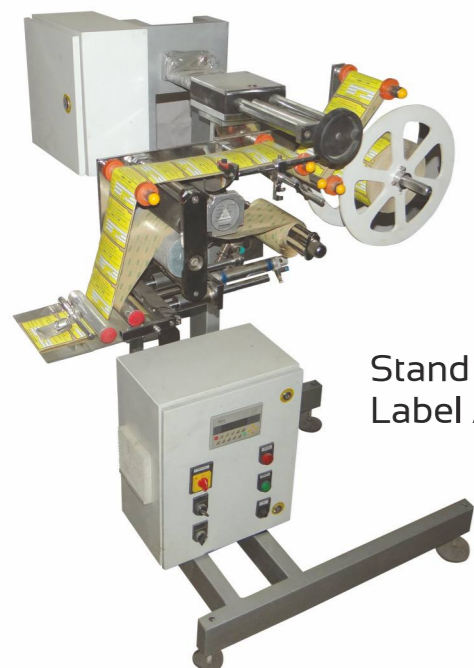
Coffee

APPLICATIONS

- ▶ Form fill seal machine feeding
- ▶ Frying systems
- ▶ Cooling systems
- ▶ Connecting the two processes to make complete automated process
- ▶ Any material feeding system
- ▶ Transferring the material from one floor to another
- ▶ Any type of product distribution system



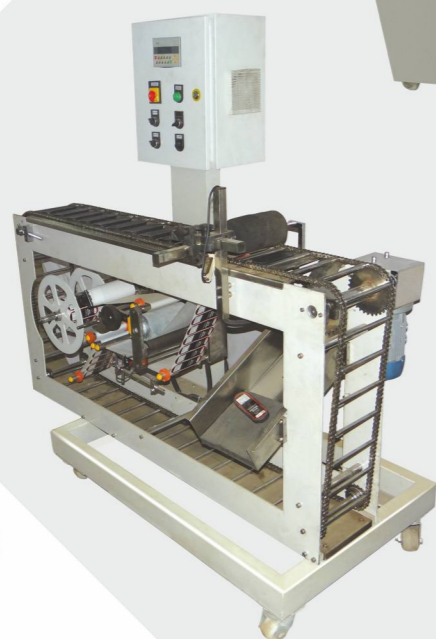
Special Labeling Machines



Stand Alone Label Applicator



Candle Labeling Machine



Bottom Side Labeling Machine (Like Shoe Brush)



Semi Automatic Bottle Labeling Machine



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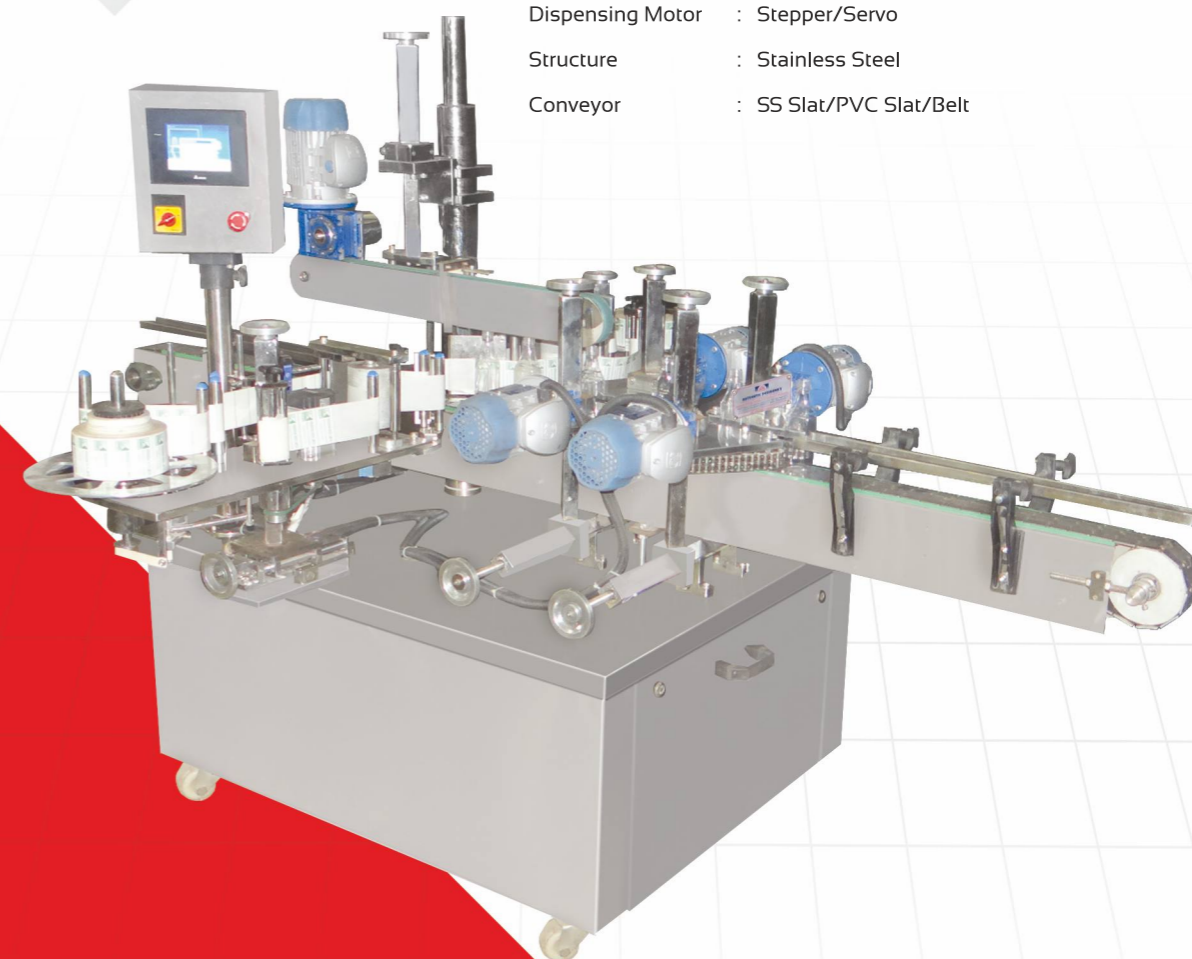
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Sticker Labeling Machines



Flat Bottle Labeling Machine (Double Head)

- Surface : Flat/Oval/Straight (Front Back)
- Label Size : 150mm x 300mm max. (Other sizes on demand) **
- Speed : Upto 200 dispensings/min. **
- Control : PLC controlled with touch screen display
- Dispensing Motor : Stepper/Servo
- Structure : Stainless Steel
- Conveyor : SS Slat/PVC Slat/Belt



JAS-ANZ



ISO : 9001-2008

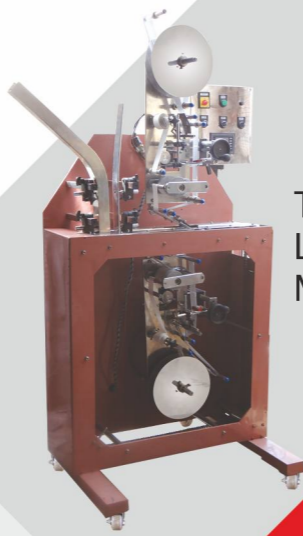
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Semi Automatic Labeling Machine



Top & Bottom Labeling Machine



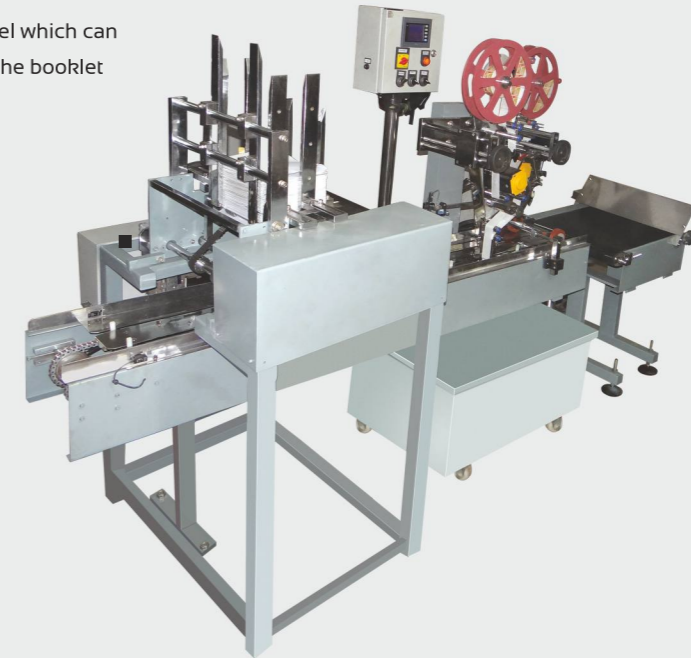
Top Labeling Machine



Double Head Book/Box Labeling Machine With Automatic Feeder

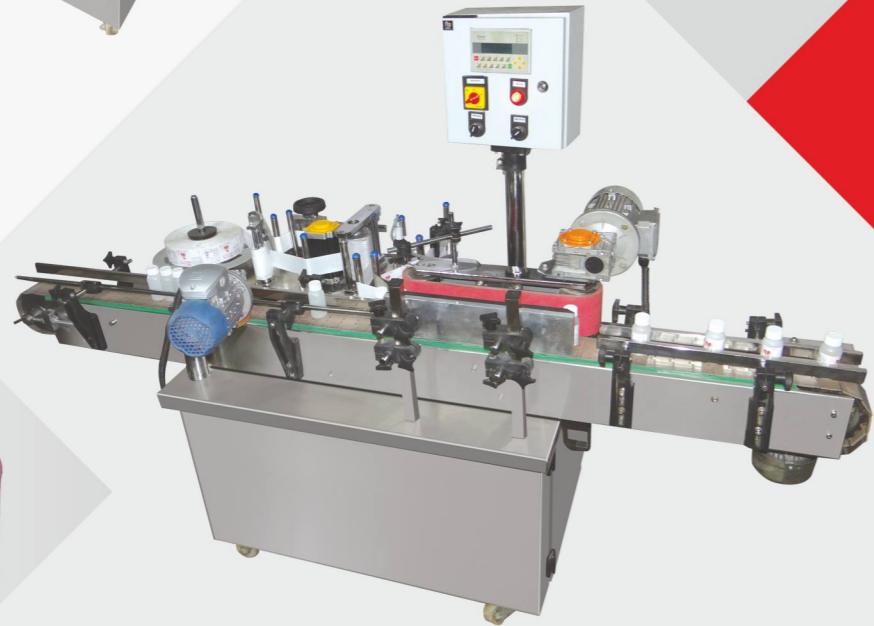
- Surface : Flat/Straight
- Label Size : 100mm x 100mm max. (Other sizes on demand) **
- Speed : 40-60 Products/min. **
- Control : PLC controlled with digital display
- Dispensing Motor : Stepper/Servo
- Structure : MS Powder Coated/SS
- Conveyor : Pusher Type
- Pasting of Label : 'U' Shape or Side or Top or Bottom

* We have another model which can paste 4 labels to 'Seal' the booklet in 'U' shape pasting



Automatic Round Bottle Labeling Machine

- Label Size : 150mmx400mm max. (Other sizes on demand) **
- Speed : Upto 150 dispensings per min.**
- Control : PLC controlled with digital display
- Dispensing Motor : Stepper/Servo
- Structure : Stainless Steel
- Conveyor : SS Slat/PVC Slat/Belt



Automatic Round Bottle Labeling Machine with Pneumatic Indexer System

** Subject to technical approval by our team



Small Cylindrical Objects Labeling Machine

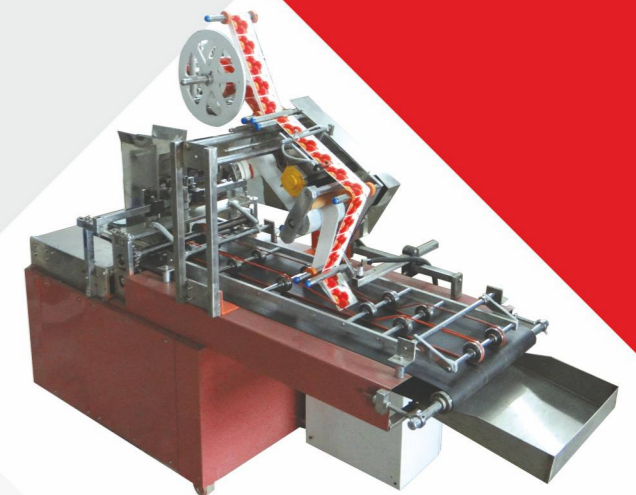


Test Tube Labeling Machine With Automatic Feeder



** Subject to technical approval by our team

Pouch Labeling Machine With Automatic Pouch Feeder



AUTOMATIC SHRINK LABEL INSERTING MACHINE (SHRINK LABELER)



JAS-ANZ



ISO-9001-2008

ISO 9001:2008 Certified For the scope of
Manufacturing of Packaging Machine

SHRINK LABELER MACHINE

Shrink sleeve labels are widely used for decorative labeling in the foods and beverages, cosmetics, pharmaceuticals, daily chemicals industries on bottles and packaging containers. It offers the advantages of high speed application, superb conformity to the container profile, low cost, water resistance and vibrant colors. Authentic Designer's Shrink Sleeve Labeling Machine is the most ideal and economical choice for the packagers to automatically insert the sleeve labels to the containers of various material such as glass, pvc, pet, ps, paper etc at high speed.

SPECIFICATIONS

- Suitable for different shapes of bottles (round, square, oval, rectangular etc.) of a large size range.
- Powered Roll Unwind.
- PLC Controlled with user friendly Touch Screen Control Panel user interface.
- Optional Shrink Tunnel for efficient and Smooth Sleeve Shrinking.
- Easy and fast changeover for different product.
- Stainless Steel and Aluminum Profile Construction for GMP compliance, easy maintenance and elegance.
- Servo Motor Control in inserting offers High Precision.
- Specially designed cutter to cater for a wide range of bottle sizes.
- Metallic Mandrel to effectively eliminate the Static Charge.
- Pre-shrink blower to hold sleeve in position before full shrinking for High Position Accuracy. (For special bottles)
- Separate Shrink Tunnels can also be supplied as per order.



Shrink Tunnel (S S Model)

SPECIFICATIONS

Power Supply	: 3 Phase/ 415V AC
Production Rate	: Upto 200 BPM (For Label Length 100mm)
Range of bottle dia.	: 25mm – 125mm
Label insertion length	: 25mm – 300mm
Range of label thickness	: 0.04mm – 0.08mm
Material	: PVC, PET, OPS
Machine dim.(LxWxH)	: 2700X1000X2500 (Without tunnel)



SHRINK TUNNEL

With S.S. Slat Chain Conveyor (S.S Body).

SPECIFICATIONS

- Conveyor Width 5".
- Chain Width 3.5".
- Maximum Bottle Height 12".
- Variable Speed.
- Power Connected Load 12 Kw / 3 Phase.
- Consumption 8 Kw.
- High Quality Heating Element.
- In feed Conveyor Length 12", Out Feed Conveyor Length 12".
- Chamber Length: 1.5 Meter/2 Meter/2.5 Meter (As per requirement of speed).
- Digital Temperature Controller (PID).

*Design & specifications can be change without prior notice.

** All accessories shown in the photograph may not be part of standard model.



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LIQUID FILLING Machines



Double Head
Model No. AD-TF2

Tin Filling Machine

Application

All liquid products as oil, shampoo, adhesives, medicine, pesticides, ghee, milk etc.

Main Features

- Weigh-metric based filling system with digital display for weight setting.
- Easy filling quantity setting through display panel thus reducing weighing changeover time.
- All contact parts material are made of stainless steel.
- Pneumatic technology used.

Optional

Conveyor system for transfer of tin after filling



Single Head with Conveyor
Model No. AD-TF1-C

Specifications

Capacity	Speed	Accuracy
5 – 10 liter	120-180 filling per hour & per head	10ml
15 – 30 liter	100-120 filling per hour & per head	+/-15ml

Other Capacity On Demand



Semi Automatic Liquid Filling Machine (Weigh Metric)

Application

All liquid products as oil, shampoo, adhesive, medicine, pesticides, ghee, Toilet cleaner, phenyl, honey etc.

Main Features

- Weigh metric based filling system with digital display for weight setting.
- Easy filling quantity setting through digital display panel thus reducing Weighing changeover time.
- No setting required for change of bulk density of the product.
- All contact parts with material are made of stainless steel.
- Pneumatic technology used.

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ISO : 9001-2008



Model No. AD-LFH-4



Model No. AD-CM-L

Automatic Capping Machine (Linear Type)

Cap type	Plastic/metal/flip type
Speed	20-120/min (Higher speed on demand)
Total Conveyor Length	8 ft.
Conveyor Slat Width	3.5" (Others on demand)
Power	2.5 kw, Single/three phase
Cup Feeder	Conveyor type
Control	PLC Control
Feature	No change part required for change of dia & height of bottle



Automatic Liquid Filling Machine

Product	Oil, Shampoo, Syrup, Adhesive, Engine oil, Flavor Milk, Juice, Sauce, Jam, Garlic Paste, Chili Paste, Ginger Paste, Chemical, Liquid Medicine, Eye drop, Paint, Semi liquid and all type liquid.
Quantity	10-50 / 25-100 / 50-200 / 200-1000 ml 2000-5000ml
Packing Material	Bottle/Jar/Can
Filling System	Piston filling system/load cell based filling system/Gravity based
Speed	5-10 Filling per min per head. (Depending on nature of product and filling volume)
Power	2KW Single/Three Phases. (Depending on number of filling head)
Control	PLC control with Touch Screen display
Conveyor	Length : 2000 mm Width : 3.5"
Filling Heads	2/4/6/8/12

Automatic Capping Machine (Rotary Indexing)

Cap Type	Plastic, ROPP, Crown, Flip Top, Lug Type
Tightening	Rotary Screw Type
Speed	30-60/min
Cap Feeder	Vibrating bowl type
Power	1 Kw Single Phase 220V AC



Model No. AD-CM-I

Semi-Automatic Liquid Filling Machine

Product	Liquid free flowing and viscous both
Fill Volume	10-100ml or 50-200ml or 100-500ml or 200-1000ml
Speed	6-20 stroke/minute/head. Depending on product and volume
Control	Pneumatic
Volume Control	Sensor based piston stroke length
Counter	For counting no. of fills



Model No. AD-LF-V-2



Model No. AD-DFW

Drum Filling Machine

- Speed 20-30 drum (filling 200 ltr) / hour. **
- Filling System: Load cell based weighing filling system.
- Sensor based diving nozzle stroke adjustment system.
- Diving nozzle stroke can easily be adjusted through hand wheel driven screw slide.
- Digital product counter for counting the no. of fills.
- Automatic cycle and manual cycle (Foot switch driven) operation option.
- All contact parts with material are made of stainless steel.
- PLC Controlled system with digital display for weight setting.
- Two Motorized Roller Conveyors for in feed and discharge of container.
- Very simplified operation.
- Low maintenance.
- Pneumatically driven valve for bulk and fine feed mechanism.

POWDER FILLING MACHINES



Automatic Two Head Auger Filler Machine
With Turn Table

Automatic Two Head Auger Filler Machine With Turn Table

Automatic Two Head Auger Filler Machine is used for feeding Auger/Powder by two heads. Consisting of Turn Table, S S Slat Chain Belt Conveyor, Easy-reach Compact Panel.

Specification

Powder such as Wheat Flour, Milk Powder, Besan, Maida, Spices, Pharma Powder

- Packing Product: Powder.
- Filling System: Volumetric Servo Filling (High Resolution.)
- Motor: Heavy Duty Servo.
- Control: P L C Controlled System.
- Digital Panel for weight setting.
- Double Hopper for each screw.
- Double Auger Screw Dispensing.
- Compact and Robust Machine.
- All contact parts are of Stainless Steel.

Automatic Auger Filler (Single Head)

This is Automatic Auger Filler Machine & filling all powder products as Detergent Powder, Coffee, Spices, Flour, Besan and Food Products etc.

Specification

- Packing Material : Jars, Bottles and Cans etc.
- Power : 2.5 Kw, 3 Phases, 50 Hz.
- Quantity : Variable.
- Speed : Variable.
- Digital Controlling Panel.
- Stainless Steel Structure.
- P L C Controlled System.
- Automatic Weighing System.
- Automatic Bottle Feeding.
- Compact and Robust Machine.



Automatic Auger Filler (Single Head)



Semi Automatic Auger Filler

Semi Automatic Auger Filler Weigh Metric For (20 kg-40 kg).

This is Powder Weighing Machine and their use Filling for all type Powders, Atta, Maida etc. in Big Bags / Cottons with Weighing System.

Salient Features

- Microprocessor based Digital Panel
- Big Hopper for large product.
- All contact parts made Stainless Steel.
- Digital Counter for Weighing System Show.
- Big bulk & fine feeding by mode of Vibrators.
- Power : 2.5 Kw & 3 Phases.
- Speed : As per product Weight.
- Air Consumption : 2 – 3 CFM at 6 Bars Pressure.

Semi-Automatic Auger Filler Weigh Metric Model. (Load Cell Based/Counting Based)

This Machine is used for filling of all powder products as Detergent Powder, Coffee Powder, Skimmed Milk Powder, Spices, Flour, Besan, Food Products, Maida, Brake Powder, Toner, Curry Powder and other all kinds of powder.

Salient Features

- Digital Display Controller,
- Heavy Duty Stirrer System.
- Filling System: Weigh Metric Filling System (Load Cell Based)/Counting based Volumetric Filling System.
- Vertical Auger Screw.
- Stainless Steel Structure.
- Minimum Maintenance.
- Power: 2.5 Kw, 3 Phases, 50 Hz.

**Speed and accuracy may vary little bit as per characteristics of the product.



Semi Automatic Weigh Filler



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Drum Filling Machine

Drum filling machine for 200 liter drum



Application

Edible oil, Thinner, Resin, Chemical oil, Mustard oil, Sunflower oil, Epoxy Resin, Adhesive Liquid, Paints filling, Distemper, Mosquito Oil, Pesticide Liquid Filling etc other Liquid Product



Drum Filling machine for 50 liter drum



Drum Filling Machine Features

- Capacity 50-300 ltr (Different models)*
- Speed 20-30 drum (filling 200 ltr) / hour**
- Filling System: Load cell based weighing filling system
- Sensor based diving nozzle stroke adjustment system
- Diving nozzle stroke can easily be adjusted through hand wheel driven screw slide
- Digital product counter for counting the no. of fills
- Automatic cycle and manual cycle (Foot switch driven) operation option
- All contact parts with material are made of stainless steel.
- PLC Controlled system with digital display for weight setting
- Two Motorized Roller Conveyors for in feed and discharge of container
- Very simplified operation.
- Low maintenance.
- Pneumatically driven valve for bulk and fine feed mechanism.

Semi – Automatic Tin Filling Machine Features

- Capacity: 5-30 ltr *
- Filling System: Load cell based weighing filling system
- Voltage: 220 volt A.C. \pm 5 volt.
- Microprocessor based digital control Panel for weight setting
- Pneumatically driven valve for bulk and fine feed mechanism.
- All contact parts with material are made of stainless steel.
- Easy setting for change of bulk density of the product.
- Very simplified operation.
- Pneumatic operations.
- Air Consumption: Dry air 2-3 CFM at 6-bar pressure.

Optional:

- Discharge conveyor
- Two head model
- Transfer pump

Semi - Automatic Tin Filling Machine



** Speed may vary depending on mouth size, material type & flowing characteristics.

* Other sizes on demands.

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Automatic Shrink Wrap for Corton/Tray

- Two roll of shrink film operation
 - Automatic feeding of product through conveyors
 - PLC controlled machine
 - With or without automatic collating
 - Heavy-duty conveyor system
 - High-speed blower system with continuous rating motors
 - Machine can be attached with any other packing machine or operation to give online application
- Optional - Side sealing of film

SPECIFICATIONS

Model	AD:ASW-WS
Power (KW)	20KW
Packing Speed	5 - 10 Pack/Min**
Max Packing Dimension (LxWxH) (mm)**	350 x 330 x 300
Max Sealing Length (mm)**	800
Height of conveyors (mm)	800+50 (Adjustable)
Working Air Pressure (Kgf/m2)	6
Dimension (H x W x L) (mm)	1800 x 1600 x 3200 approx
Weight (Kg)	400 approx

* Bigger size machine can be made on demand



Semi Automatic L Sealer with Shrink Tunnel

Model	ADSL-1520
Power Consumption	4 KW Approx.
Connected Load	Up to 5.5 KW
Sealling Area Dimension* (WxL) (mm)	380 x 500 (15" x 20")
Tunnel Size (W x L x H) (mm)	500 x 1000 x 1200
	*Other size on demand

**subject to technical approval by our team

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SHRINK WRAP MACHINES



SPECIFICATIONS

Model	ADAL-1520
Power Supply (V/Hz)	415V, 3 Phase, 50Hz
Air Consumption	2 - 3 cfm
Sealing Area Dimension* (WXL) (MM)	380 x 500 (15" x 20")
Product Pass through Height (mm)	150
Max Film Width (mm)	500
Max Product Dimensions* (WXLXH) (mm)	10" x 14" x 6"
Min Product Length (mm)	50 [2"] Standard
Jaw Sealing Position	Fixed
Machine Dimensions** (WXLXH) (mm)	840 x 1600 x 1650 [33" x 63" x 65"]

**subject to technical approval by our team

Automatic L Sealer with Shrink Tunnel

- Automatic length detection
- Easy adjustment for width and height
- Hot knife sealing system
- PCL control





**Automatic Web Sealer (for Bottles)
With Automatic Collation
Model No AD WS-90**

Salient Features

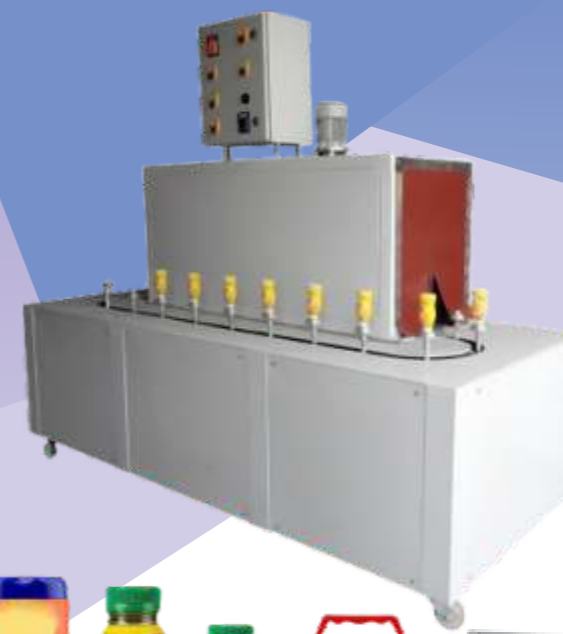
- Capacity : 200ml, 500ml, 1Liter, 2 Liter
- Shrink packing without tray
- Speed upto 6 - 10 products per minute
- PLC controlled system
- Touch display for parameter setting
- Automatic 4 line collating from bottling line
- Power 18-20KW, 3 Phase (Connected)
- Shrink Tunnel 16" W x 14" H with wire mesh conveyor
- with cooling station at discharge
- Digital temperature controller (PID Type)
- SS slat conveyor for bottles



Semi-Automatic Shrink Wrap for Carton/Tray (Websealer)

Model	AD:SWS
Speed	up to 8-10 products per min
Power	12-15 KW, 3 Phase (Connected 415 VAC 50Hz)
Compressed Air Required	4-5 CFM at 6 bar pressure
Max packing Dimension (mm)	350 x 330 x 300
Max Sealing Length (mm)	750
Height of Tunnel conveyor (mm)	800 + 50 (Adjustable)
Working Air Pressure (Kg/Cm2)	6
Dimension (H x W x L) (mm)	1800 x 1500 x 3600 Approx
Weight (Kg)	600 Approx

**subject to technical approval by our team



Rotary Shrink Tunnel (For Special Shape)

**Model No AD STR-1 (Single Line) |
Model No AD STR-2 (Double Line)**

Salient Features

- Variable speed of conveyor
- Special catcher system to hold the empty bottle up side down
- Speed rotary system which ensure product rotation while passing through shrink tunnel
- Product feed and discharged from the same point
- Small and compact size
- Special enclosed design for close loop heating which ensure less power consumption
- Special type rotary design ensure perfect shrinking quality



**Rotary Shrink Tunnel →
(Linear Model)**



Jar Neck Shrink Tunnel Machine

Shrink Tunnel

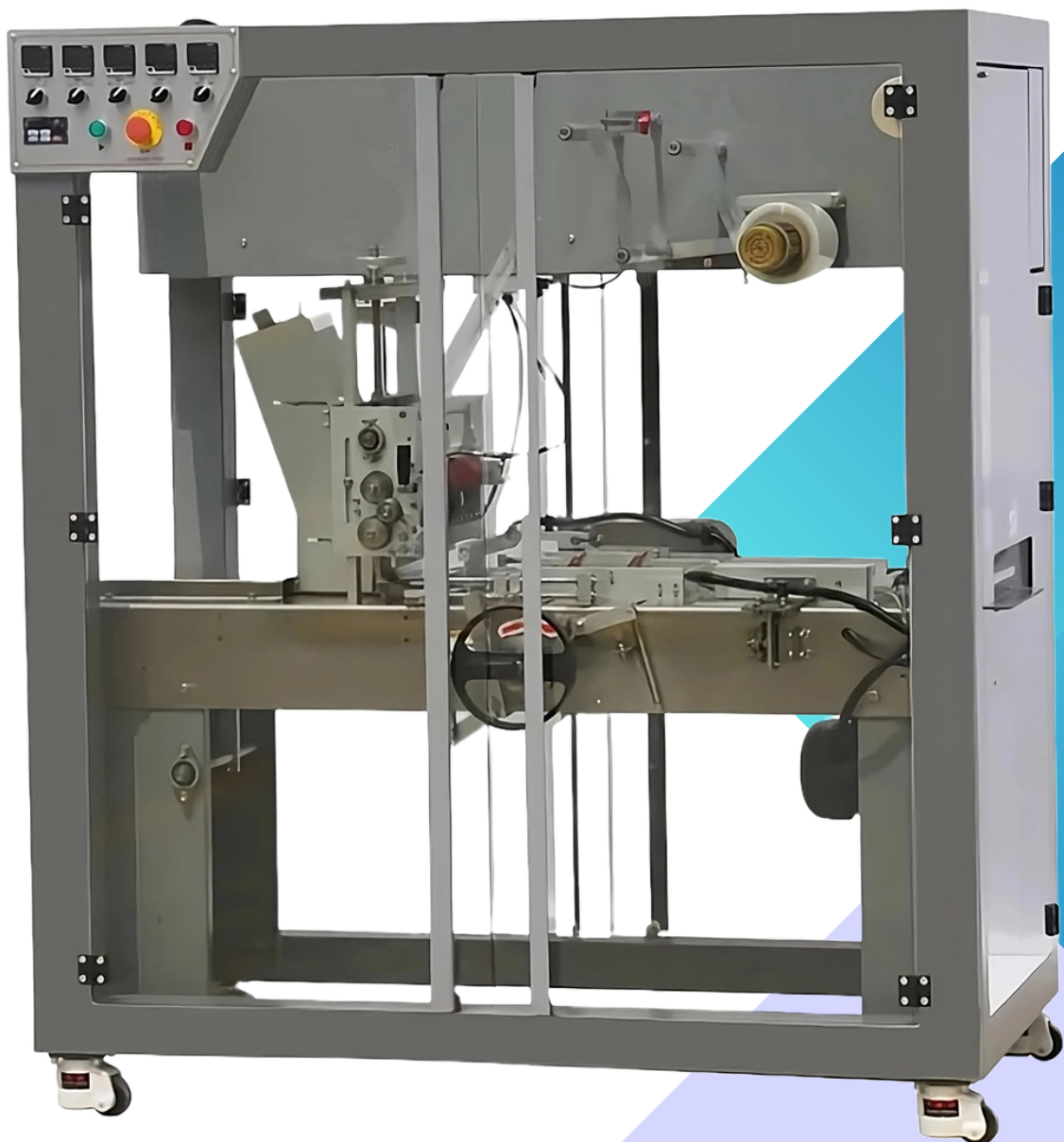
Model	AD ST-120B	AD ST-1614
Tunnel Size (WXH) mm	300 x 200	400 x 350
Voltage (V/Hz)	220/440/50	220/440/50
Power Connected/Consumption	6.5/4.5 KW	10.5-6.5 KW
Conveyor Loading (Kg)	15	20-25
Heat Chamber (mm)	700 x 450 x 450	1200 x 450 x 500
Overall Dimension (mm)	1500 x 400 x 1200	1800 x 610 x 1500
Speed (m/min)	Fix/Variable	Fix/Variable

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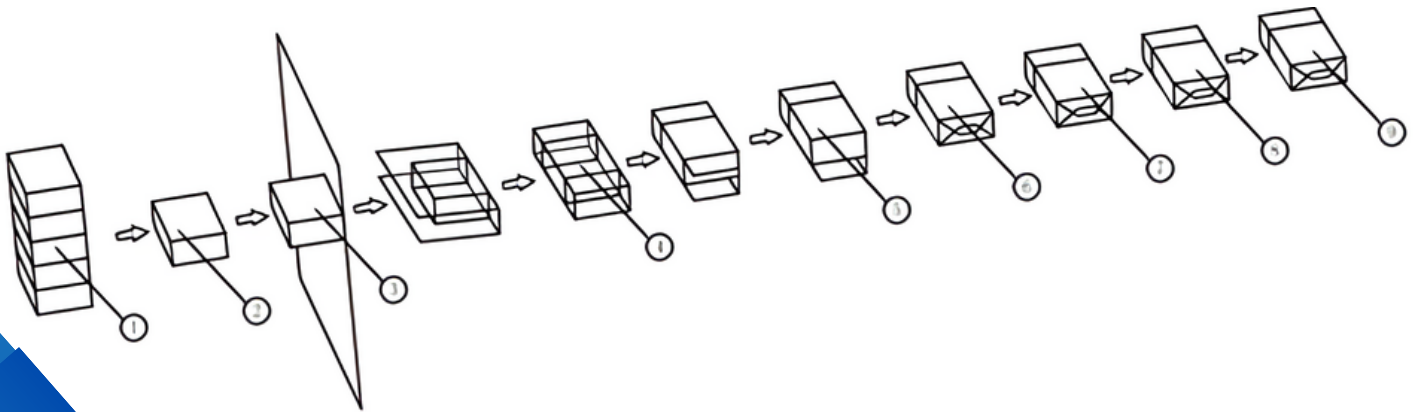
Automatic Overwrap Machine



Technical Specification

Packing speed	30~70/min
Packing size	(L) : 60~260mm (W) : 30~160mm (H) : 15~70mm
Electric supply	220V 50Hz
Power	5KW
Machine Dimensions	(L)1500×(W)810×(H)1710mm
Weight	350kg
Applicable packaging materials	BOPP Film and Tear tape

Process Overview



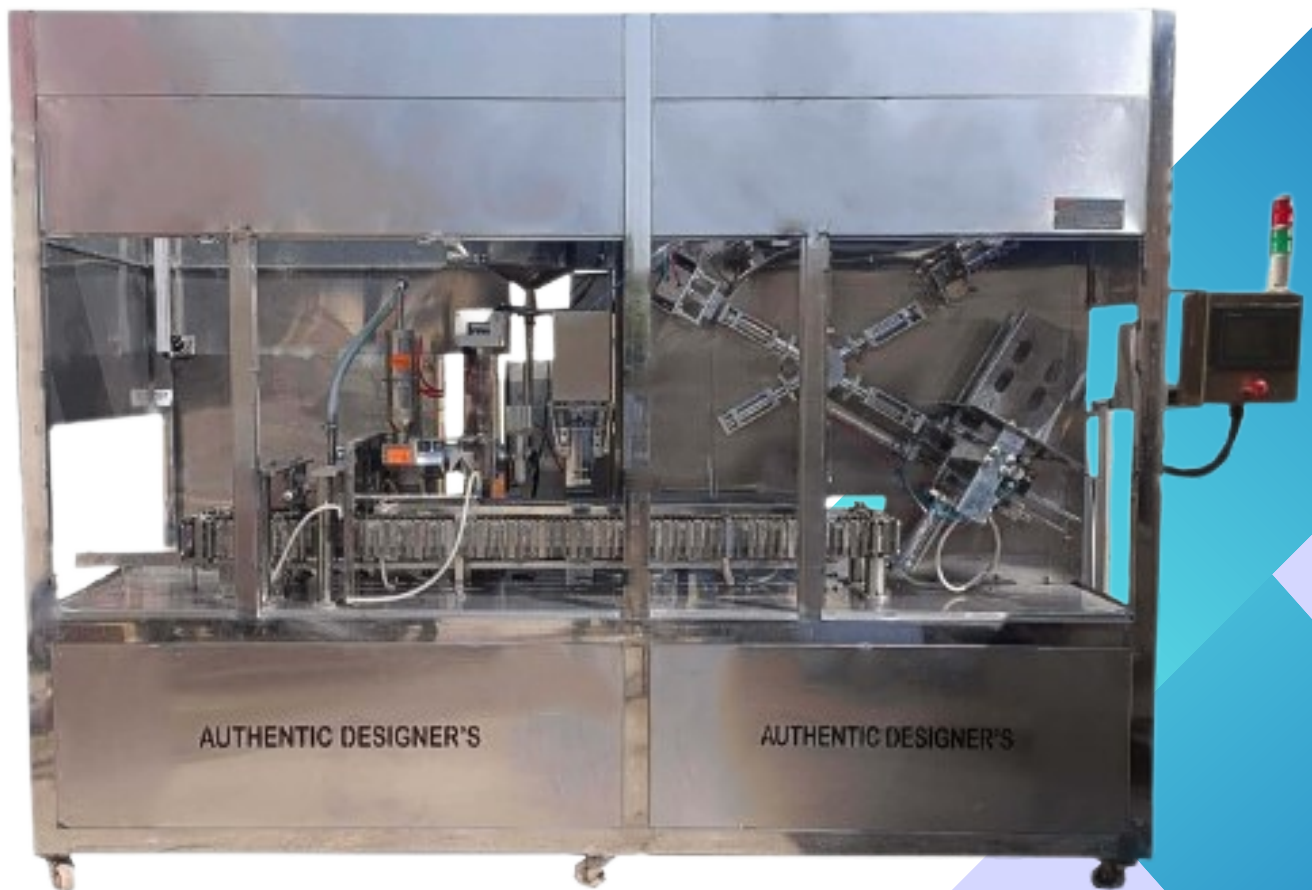
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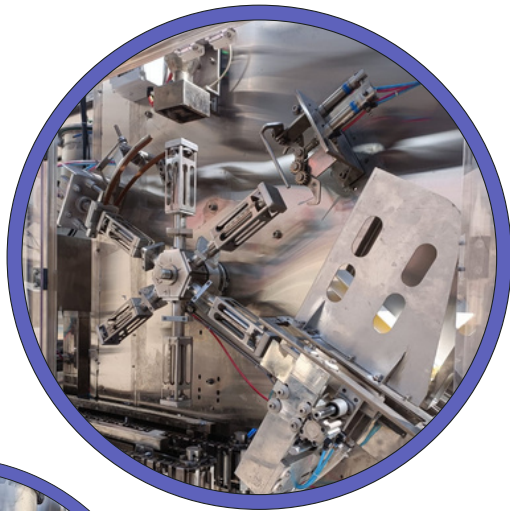




Authentic Designer's

Gable Top Carton Filling Machine





Use: Suitable for fruit juices, vegetable juice, tea beverage, alcohol and other non-acidic liquid food beverage

Product Parameters	
Packing capacity	125ml,200ml, 250ml ,330ml,500ml and 1000ml
Filling speed	1000-1500 Cartons/hour
Control	PLC man-machine interface
Total power	18KW
Power supply	50Hz 380v/220v
Air pressure	0.6-0.8 MPa
Weight:	2200 kg

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Premade Pouch Packing Machine



- **Machine Model : AD-PMP01**
- **Bag Width : 90-210mm**
- **Bag Length : 110~330mm**
- **Packing Speed : 20-40bags/min**
- **Customized Accuracy : +/-1% (per product)**
- **Power Supply : 220V/380V 50/60Hz, 4KW**
- **Air Consumption: 0.6m³**

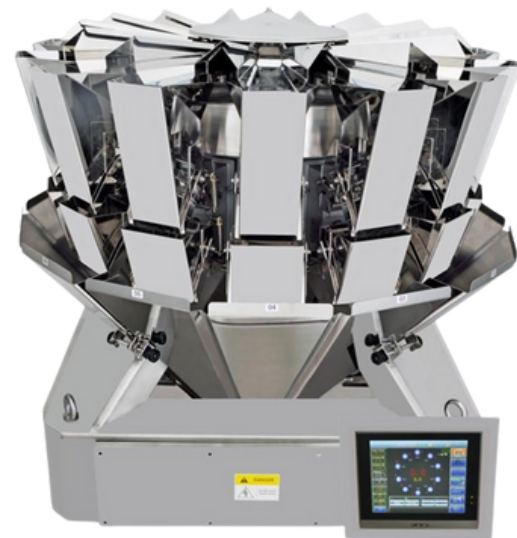
Auger Filler



Cup Filler



Multihead



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REWINDER

Machines



Automatic Centre Loading Rewinder Machine

Rewinding : 200-800mm Roll Width **

Speed : Up to 100 mtrs. Per min. (Depending on the roll width)

Motor : 2 H.P. 3 phase Crompton Greaves Make

Unwind Reel Dia (max.) : 300mm

Rewind Reel Dia (max.) : 300mm

Power : 2KW, 3 Phase

In built encoder (500 PPR) for constant linear speed control

- Stainless Steel Platform for Ink Jet/TTO printing
- Digital speed display meter which shows the speed of the rewinder
- With Hydro-Pneumatic edge guide system driven by 0.75 HP motor with Pneumatic Sensor, Hydraulic Cylinder of stroke length 100 mm
- Heavy Duty Linear Motion Brg. Slide for unwind shaft which makes it very smooth movement during edge guide operation
- Frictional brake system for controlling the rewinding tension of the laminate. (Other brake system on demand)
- Inkjet accessories like mark sensor mounting and encoder mounting system inclusive as standard part of the machine
- Compact and robust machine
- Heavy duty machine for Continuous running and vibration free operation

** Other sizes on demand



ISO : 9001-2008

Side Loading Rewinder Machine

Rewinding : 50 to 400mm Roll Width**

Power : 2kW, 3 Phase

Unwind Reel Dia (max.) : 300mm

Rewind Reel Dia (max.) : 300mm

Motor : 2 H.P. 3 phase (Crompton Greaves or equivalent)

In built encoder (500 PPR) for constant linear speed

Speed up to 150 mtrs. Per min. (Depending on the roll width)

- Stainless Steel Platform for Ink Jet/TTO printing
- Digital speed display meter (which shows the speed of the rewinder)
- With Hydro-Pneumatic edge guide system. Driven by 0.75 HP motor with Pneumatic Sensor, Hydraulic Cylinder of stroke length 100 mm
- Heavy duty slide system for unwind shaft which makes it very smooth movement during edge guide operation
- Frictional brake system for controlling the rewinding tension of the laminate. (Other brake system on demand)
- Inkjet accessories like mark sensor mounting and encoder mounting system inclusive as standard part of the machine
- Compact and robust machine
- Heavy duty machine for Continuous running and vibration free operation

**Other sizes on demand



Rewinder with Label/Hologram Applicator



Table Top Rewinder Machine

Power : 1 Kw, Single Phase

Motor : 1 H.P. Single Phase

Max. Roll Width : 25-150mm

Speed : up to 50-60 meters. Per min. (Depending on the roll width)

- Digital speed display meter (which shows the speed of the Rewinder)
- In built encoder for constant linear speed
- Compact and robust machine
- Heavy-duty machine for Continuous running
- Inkjet accessories like mark sensor mounting and encoder mounting system inclusive as standard part of the machine



Stacker Destacker Machine with Label/Hologram Applicator

Automatic Stacker Destacker Machine

Power : 1.5 Kw

Conveyor Length : 3.5 ft.

Belt Width : 260 mm

Speed : 40 - 200 Feeds per min. (Depending on the Carton /Pouch size)

- Product : Mono cartons, Pouches, Card etc.
- With pusher/slider system to push individual cartons, pouches from the magazine
- Minimum Maintenance
- Variable speed AC Drive controls system for main conveyor and pusher separately
- Provision to connect the inkjet printer
- Automatic re stacking conveyor to collect the cartons /Pouches (Optional)
- Adjustable guide to adjust a variety of cartons/Pouches
- Easy setting and maintenance



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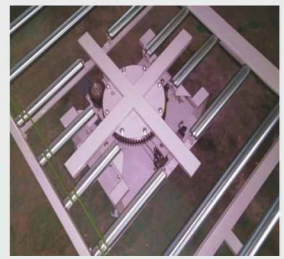
Packing Conveyors



Belt Conveyor



Printing Conveyor to Print Through TTO



www.ShapesNLines.com

CONVEYORS

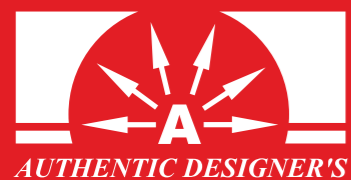
DIFFERENT TYPES



Pouch Counting Conveyor



Conveyor Line modules are used for the transportation of small, light and heavy products normally over short distances. Using Interroll Conveyor Line modules, a conveyor system or machine manufacturer can concentrate on more important tasks such as system integration, controls, installation and commissioning thus saving time and money.



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ISO : 9001-2008





Top Belt Pressing Conveyor

- Conveyor Line modules are used for the transportation of small, light Pouches/Labels, while moving they are pressed by top belt so that they don't move or fly.



Vibrator or Oscillating Conveyor

- Vibrating conveyors consist of a trough supported by tuned springs and/or hinged links having a drive system.
- The drive system is arranged to oscillate the trough, causing solid particles to be moved along the trough.

SS Slat Chain Conveyor

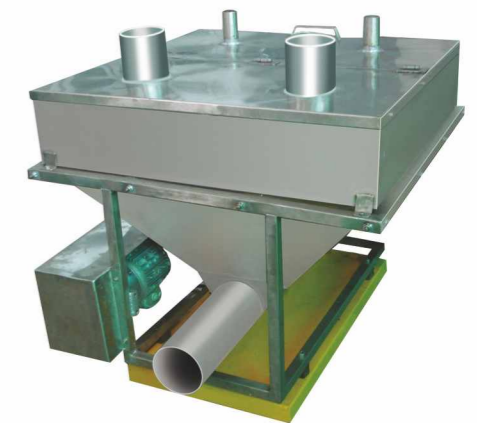
- Supported the product being conveyed.
- Carry the actuating elements between the two chains.
- Slats chain conveyors are fitted with slats of wood or metal, either flat or in special shapes between the two power chains.



Turn Table

- A motor-driven platform that normally rotates at a constant/variable rotational velocity.

Feeder



Grader



Inclined Conveyor



Flat and Inclined Belt Conveyor

- An endless fabric-covered belt that traverses between two or more pulleys.
- Belt conveyors are the most commonly used type of bulk handling conveyor because of their reliability versatility, and range of capacities.
- The belt is supported by idler rolls at intermediate points.

Roller Conveyor

- These conveyors are suitable for light applications up to 20 kg such as cardboard boxes and plastic boxes.



Inkjet Printing Conveyor

