



extraaaa engineering...

Filling and Packaging Machines for:

Granules
Powders
Liquids
Viscous Liquids
High Viscous Liquids

■Pharma ■Food ■Beverages ■Cosmetics
■Agro-chemicals ■Pesticide Industries

Granule Filling Machine

Model CF-500



Features:

- Capable of filling multiple pack sizes & large product range with no change of parts.
- Accurate & friction less telescopic adjustment of cup to adjust fill volume of the cup.
- “Unipressure” product collector & product specific scrappers to achieve High accuracy
- Cup drop counter with auto/manual dual setting to achieve predetermined number of cups dropping product into single pack.
- All contact parts made of SS304/316 with six/three telescopic cups.
- Model CF-500 is fitted with both clutch / brake arrangement and variable speed drive to optimise filling speed Automatic bottle/ tin /container filling line with unscramble /turn table to feed containers automatically to auto conveyor with auto stopping & “Intelligent Filling” which activate filler only when container is present and only per container.

Applications:

Free-flow products of consistent density such as popcorn, granulated sugar, beans, nuts, seeds, coffee, rice, pulses & whole spices etc.

Weighmetric filling machine

for Granular Products

Model: WF-1000

Features:

- IPACK machines give best solution for packaging of snacks items like Farsan, Bhuijiya, Wafers, Kurkure, Cheese Balls, Sev, Chivada, Chana Nut, Ground Nuts, Corn Flakes, Popcorns etc.,
- **Weighmetric filling system load cell based.**
- The Snacks packaging machine has Various types of packaging solutions Depending upon the type of products and required speed accuracy, particular filling system is used. IPACK Machines provides custom engineered solutions for packaging for various types of industries.

Applications:

for Farsan packaging, All types of food grains, all types of seeds, tablets on weight basis chiwda packing, bhuijiya packing, cheese balls packing Chocklets etc.



Powder Filling Machine

(auger Filler)

Model AF-1000

Features:

- Compact design
- Standalone and automatic lines configurations
- Variable speed drive for stirrer
- Stainless steel (SS 316/SS 304) contact parts and externals are claded
- Quick-release tool-free auger and funnel removal
- Independent stirrer drive
- Less tools for removable change parts
- Large capacity hopper
- Also available in GMP Models.
- Filling Range 10 Gms to 1000 Gms (1.0 Kg)
- Speed 100 Gms-20 BPM, 500 Gms-15 PPM, 1000 Gms-10 PPM (Depending upon product properties, fill weight)
- Special model with servo motors instead of clutch / brake unit available for better output & accuracy.

Applications:

This machine is most suitable for filling tooth powder, talcum powder, baby powder, dry syrups, coffee powder and food, pharmaceutical, chemicals or cosmetic products in powder form.



Liquid Filling Machine

Model LF-1000

Features:

- Volumetric piston filling technology
- PLC controlled system.
- Heat resistant & Corrosion Resistant Pneumatic Cylinders for Special Applications.
- Filling Range 100 ml to 1 Ltr .without any change parts.
- Capable of multifilling up to 5 Ltrs.
- Same machine can be used for smaller volumes 10 ml to 100 ml with suitable change parts.
- Diving nozzle mechanism avoids foaming & spillage.
- Positive shut-off Nozzle helps in keeping the filling area clean.
- Available as standalone Machine. And also as complete Auto-line with 2,4 & 6 Filling Heads.



Applications:

This machine can be used to fill Water, Solvents, Alcohol, Liquid chemicals, Pesticide Liquids, Biotech Liquids, Coolants, Pharmaceutical Formulations, Juices, Coconut Oils, Edible & Lubricating Oils etc.

Viscous Liquid Filling Machine Model VF-1000



Features:

- Volumetric piston filling technology
- PLC controlled system.
- Heat resistant & Corrosion Resistant Pneumatic Cylinders for Special Applications.
- Filling Range 100 ml to 1 Ltr .without any change parts.
- Capable of multi-filling up to 5 Ltrs.
- Same machine can be used for smaller volumes 10 ml to 100 ml with suitable change parts.
- Diving nozzle mechanism avoids foaming & spillage.
- Positive shut-off Nozzle helps in keeping the filling area clean.
- Available as standalone Machine. And also as complete Auto-line with 2, 4 & 6 Filling Heads.

Applications:

This filling machine is best suited for viscous products that are paste, semi paste, or chunky with large particulates. These machines also used to fill heavy sauces, salsas, salad dressings, cosmetic creams, heavy shampoo, gels, and conditioners. They are also used for viscous, chemical preparations like paste cleaners and waxes, adhesives and epoxys, heavy lubricant oils and greases.

Pickle / High Viscous Filling Machine

Model VF-1000



Features:

- Volumetric Pneumatic-Piston Filling Technology
- Capable of cutting any hard shell during filling.
- Overhead hopper filling pump with level controller.
- Special stirrer in the hopper.
- Settling device removes air gaps from the filled bottle.
- Online Oil topping Machine.
- Fills from 100-1000gms with Maximum Accuracy.
- No change parts and very less maintenance.
- PLC controlled system.
- Anti-drip system helps in keeping the filling area clean. (Available as Standalone machine and also a complete auto line with 1,2 and 4 Nozzles.)

Applications:

Fills all types of pickles, Murraba, curry pastes, chawanprsh and other high viscous liquids.

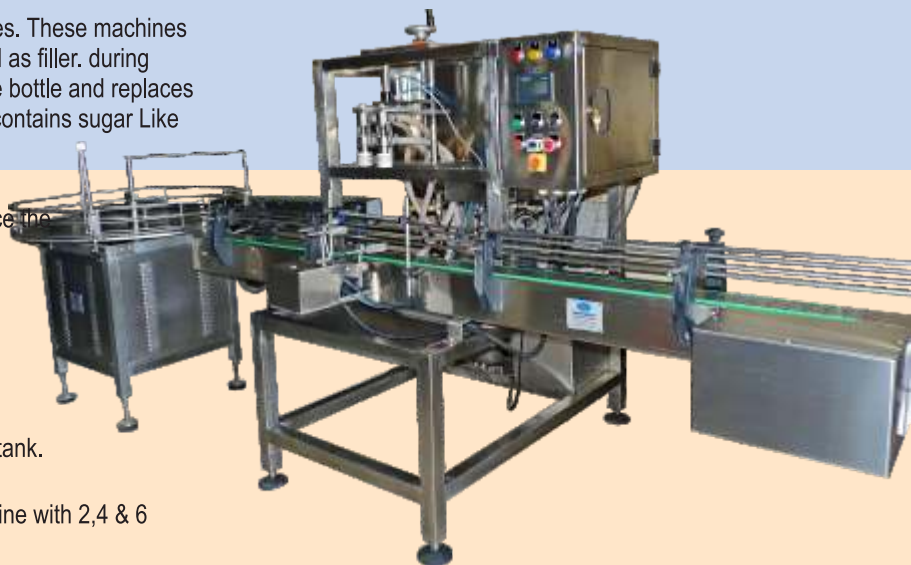
Vaccum Filing Line

Model VCF - 1000

This filling machine is best suited for Ketchups & all types of sauces. These machines also used to fill heavy sauces, In this machine Vacuum pump used as filler. during filling, diving nozzle seals the top of the bottle, sucks the inside the bottle and replaces the ketchup up to top level. This machine best suited for products contains sugar Like all types of sauces, ketchups, syrups, juices, crush etc

Features:

- Vacuum filling technology. (Air sucks from the bottle and replace the product)
- filling upto top of the bottle irrespective of bottle volume.
- volume adjustment is on HMI.
- PLC controlled system.
- capable of hot filling upto 80 degrees
- Filling Range 100 ml to 1 Ltr .without any change parts.
- there is no wastage of product, access product goes to return tank.
- Positive shut-off Nozzle helps in keeping the filling area clean.
- Available as standalone Machine. And also as complete Auto-line with 2,4 & 6 Filling Heads.



Auto Screw capping Machine

Model CM-100

Single Head Rotary Capping Machine that places and tightens the pre-threaded plastic caps on bottles of any shape and size. It works on the principle of intermittent rotary motion with Geneva mechanism and has facility for changing over to R.O.P.P. caps. Output upto 2000 containers / hr depending upon size and shape of bottles. The tightening torque can be adjusted to ensure leak-proof capping. A vibratory/ bowl feeder controls the infeed of caps on to the bottles. "No Bottle - No Cap" mechanism is provided. Bottle guides and parts coming in contact with the containers are made out of stainless steel.

Features:

- This machine is fully automatic and is complete with vibrator type cap feeding hopper and built-in slat conveyor.
- Specially designed to suit requirement of small and medium scale industries.
- Synchronized movement of bottles and sealing machine enables perfect pilfer proof and leak proof sealing.
- Sturdy fabrication ensures durability and long life.

Applications:

This Types of machines can be used in Oil Industries, Paint Industries, Cosmetic Products, Pharmaceuticals, Pesticide Liquids, Food products, and all types of liquids.



Mini Sachet Packer Model IPM-50

For Granules, Powders, Liquids & Viscous Liquids



General Information

- A vertical form, fill and seal machine for producing 3 / 4 side Sealed sachets handling all types of free flowing Liquids.
- The model IPM-50 handles a single reel film stock. Max. reel width is 300 mm on 76 mm core. The Product is dosing through Volumetric syringe Pump, Block Pump for viscous products & Cup Filler for powder.
- All Contact parts is in SS 304 /316 quality & The machine is made with GMP Model.
- The speed of the machine is 35 to 40 Sachets per Minute.

Special Features

- Total Mechanical Machine runs on Gears with very less maintenance.
- 0.5 Hp, Single phase, 1400 Rpm Motor.
- Fully automatic Photocell control system
- All types of Heat sealable laminates can be used.
- Sealing patters: Plain, Lining Serrated, diamond Knurling etc.,
- very compact and mounted on the wheels for easy shifting.

Applications:

All types of free flowing Granules, Powders, liquids, & Viscous Liquids Like, Pesticide Liquids, Pharma powders, Hair Oils, Shampoo, Detergent Liquids, Lotions, Sauces, Ketchups, Jams etc.,

Pouch Packer with Weigh Metric Filler Model IPM-100

A vertical form, fill and seal machine for producing centre sealed sachets handling all types of free flowing/non-free flowing granules.

The model IPM-100 handles a single reel film stock. Max. reel width is 330 mm on 76 mm core. The machine has the facility to be provided with a variety of filling heads. Draw down of the film is through draw down belts controlled through a Variable Frequency Drive. The length of the bag is controlled by print registration system which is PLC based. For unprinted film the bag length can be adjusted from the single touch key pad provided on the front panel.

Special Features

- PLC controls with HMI
- Paper pull through Puller Rollers
- Detachable perspex and stainless steel guards Easy for fault finding
- Inbuilt self diagnostic features
- Hourly production data
- Overload protection.

Applications:

Powders (Free and Non-free flowing), Granules, Pulses, Beans, Spices, Soup mixes, Detergents, Pharmaceutical and Agricultural Powders, Tea, Coffee, Sugar, Rice, etc.

Filling Range : From 10 gms to 250 Gms. depending upon bulk density of products



Pouch Packer Model : AF-1000



A vertical form, fill and seal machine for producing centre sealed pouches handling all types of free flowing/non-free flowing powders. The model AF-1000 handles a single reel film stock. Max. reel dia. is 530 mm on 76 mm core. The machine has the facility to be provided with a variety of filling heads. Draw down of the film is through draw down belts controlled through a Variable Frequency Drive. The length of the bag is controlled by print registration system which is PLC based. For unprinted film, the bag length can be adjusted from the single touch key pad provided on the front panel.

Special Features

- PLC controls with HMI
- Draw-Dawn Belts Driven by Variable Frequency Drive.
- Adjustable draw down belts
- Detachable perspex and stainless steel guards. Easy for fault finding
- PC uplink facility (optional)
- Password protection for settings (optional)
- Hourly production data.

Applications: Powders (Free and Non-free flowing), such as Spices, Soup Mixes, Detergents, Yeast, Desserts, Pharmaceutical and Agricultural Powders, Flour (Atta), Cocoa Powder, Drinking Chocolate, Coffee, Sugar.

Filling Range: 50 gms to 2500 gms. Depending upon bulk density of products.

Pouch Packer

Model CF - 5000

A vertical form, fill and seal machine for producing centre sealed pouches handling all types of free flowing / non-free flowing powders/granules. The model CF-5000 handles a single reel film stock. Max. reel dia. is 700 mm on 76 mm core. The machine has the facility to be provided with a variety of filling heads. Draw down of the film is through draw down belts controlled through Variable frequency Drive. The length of the bag is controlled by print registration system which is PLC based. For unprinted film, the bag length can be adjusted from the single touch key pad provided on the front panel.

Special Features

- PLC controls with HMI
- Variable Frequency Drive for Filler motor speed control
- Adjustable draw down belts
- Detachable perspex and stainless steel guards. Easy for fault finding
- PC uplink facility (optional)
- Password protection settings (optional)
- Hourly production data
- Overload protection.

Applications: Powders (Free and Non-free flowing), Granules, Pulses, Beans, Detergents, Desserts, Pharmaceutical and Agricultural Powders, Tea, Coffee, Sugar, Rice, etc.

Filling Range: 500 gms to 5000 gms. Depending upon bulk density of products.

Pouch Packer

Model MWF-500

A vertical Form Fill and seal machine for producing central sealed sachets handling all types of free flowing / non-free flowing Powders / granules. Model MWF 500 & MWF 1000 handle single reel film stock, having 76 mm core diameter. Max. Reel width is 330 mm for MWF-500 and 530 mm for MWF-1000. Draw down of the film is through draw down belts, driven by Variable Frequency 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

- Draw down belts Driven by Variable Frequency Drive.
- PLC control with HMI
- Pneumatic actuated draw down belts, driven by Variable Frequency drive
- Detachable Perspex and stainless steel guards. Easy for fault finding.

Applications: 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 IPM 500 : 10 grams to 500 grams,

Multitrack Sachet Packer

Model : SF-800 (2-8 Tracks)

A vertical Form, Fill and Seal machine for producing 4-side sealed sachets handling all types of free and non-free flowing powders/granules, liquids, creams or pastes. The machine speed is infinitely controlled from 0-60 cycles/minute. Single reel film laminate stock reel feed. Max. reel dia. 400 mm on 76 mm core. Product dosing by slide / piston pump / volumetric auger filler. Sealing dies depending on the type of product to be packed.

Features

- All operation controls are located on the front of machine.
- Standard as GMP Model.
- Automatic web tracking.
- Quick size change over.
- Shaped and profiled pouches possible as optional.
- Customised to meet stringent pharma and other international standards.
- High accuracy even at very low grammages.
- Available in 2,4,6 & 8 tracks format.

Applications: Powders (Free and Non-free flowing), Pharmaceutical Powders, Granules, Ketchup, Sauce, Shampoo, Cream, Chocolate Paste and other viscous liquids, Alcohol.

Filling Range : For Powder: From 0.5 gm up to 30 gms For Liquid / Paste: From 1 ml up to 50 ml (Depending upon bulk density of the product)





Innovative Packaging Machines (IPACK) is a professionally managed customer-oriented with State-of-art manufacturing facilities, serving Pharma, Food, Cosmetics & Pesticide Industries. Our major focus is on manufacturing machines with Better Design concepts for lower production cost.

IPACK is driven by the principle of "Extra Engineering". It means building extra value into everything we do, right from concept to design, development to manufacturing, marketing, delivery, service and knowledge sharing.

IPACK manufactures a comprehensive range of product for filling and packaging applications such as Granule filling, Powder filling, Liquid filling, Viscous liquid, and special Viscous products. All the machines can be standalone and auto lines. All machines can fill into bottles of Pet, Glass, Aluminium, tin, HDPE and Pre-made pouches.

IPACK is based at Pune (India) and has a vast network of sales and service offices manned by well-trained, highly qualified and motivated engineers all over India.

Based on the firm foundations of reliability, technology, capability and value, IPACK faces the future with confidence. We are today in a strong position to strike new partnerships for growth, and drive through mergers and acquisitions, to keep abreast with the latest technology from around the world. As always, innovation will continue to be our key differentiator. To bring better machines and services that put a smile on the face of our customer.



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