



MAGNUS PACKAGING

Packaging Solutions Simplified

Contact us for all your [packaging](#) needs, we manufacture all types of:

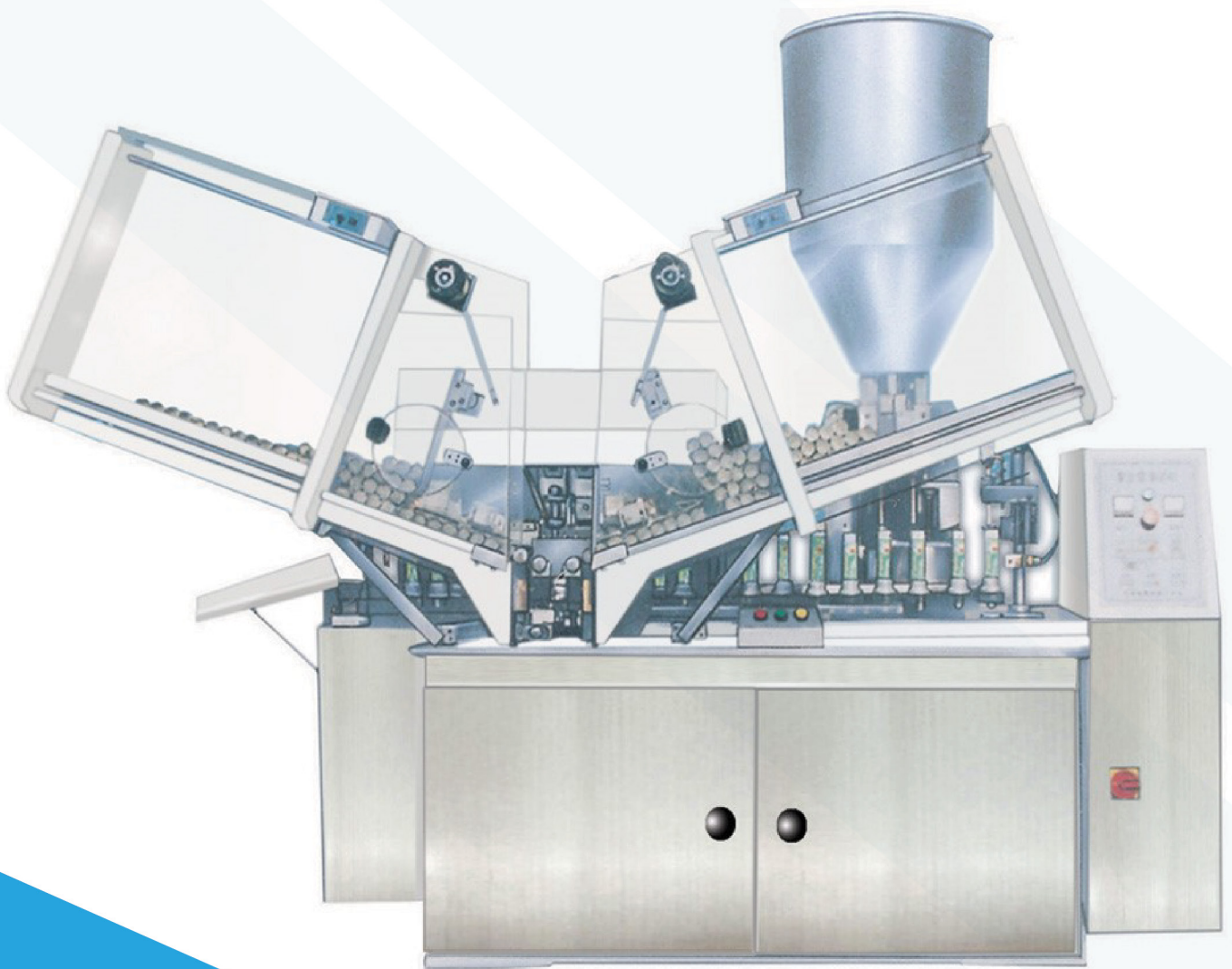
Filling, Carton Packing and Wrapping Machines

TUBE FILLER

For aluminium tubes

MPTF 200/400

Suitable for filling creams, pastes, Ointments filling
Sealing upto 40 to 120 tubes per minute



Filler Model: MPTF 200/400

Magnus Tube Filling Machine is mainly designed for filling and crimping of metal tubes. The machine can be used to fill even bottles, Jars.

The Machine can fill Pharmaceutical Ointments, shaving creams, tooth pastes, cold creams, mayonnaise.

Special Equipment

- Cream Stirrer, Heating equipment
- Jar fittings & Discharge attachment
- Tube transfer device, counting device
- Flange connector for hopper

Particulars	MPTF 200	MPTF 400
Output per min.	40 to 60 tubes	80 to 120 tubes
Attendant	1 Operator	1 Operator
Main Machine Power Consumption	0.75 KW	1.2 KW
Floor space	1600 x 1370 mm	2133 x 1370 mm
Height, including container	2640 mm	2640 mm
Net weight - Approx	750 kgs	900 kgs
Gross weight - Approx	950 kgs	1200 kgs

Outstanding Features

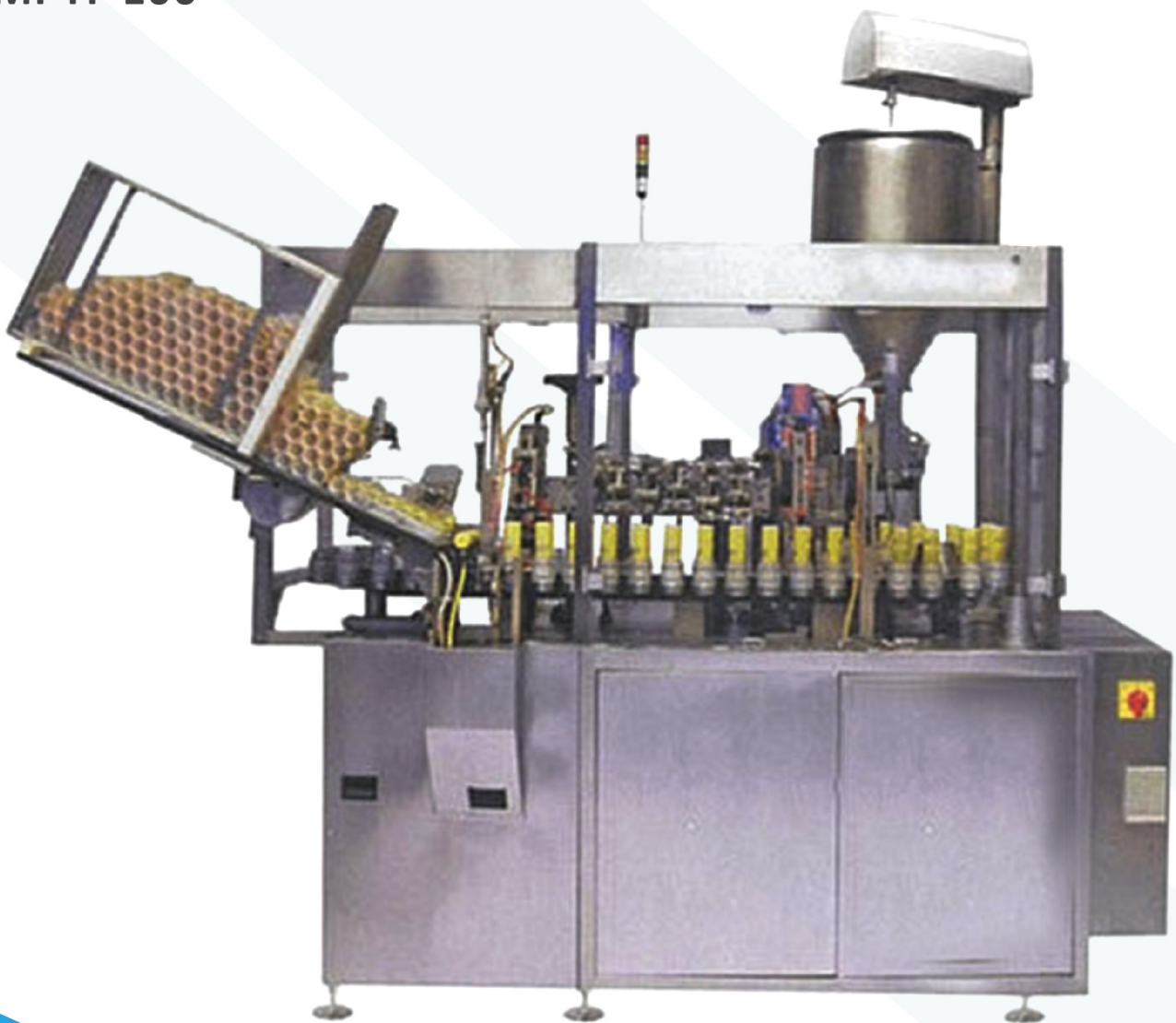
MPTF 200/400

- Tubes automatically fed from inclined chutes into tube holders.
- **Correct and uniform filling with the Magnus Fill system:**
Progressive filling while the lifted tube retreats down from the filling nozzle. This system ensures that no air is trapped during filling and also guarantees exact filling weight and a clean closure - no paste enters the closure folds
- No tube - no fill. Automatic disengaging of the filling mechanism when a tube is missing
- Tube ends can be folded to the pattern of your choice, with or without crimping. Standard coding on closure within figures or letters.
- All parts coming in contact with your product are rustproof and easily removable for sterilization.
- Only one operator required even at maximum output.
- Paste not impaired - viscosity unaffected.
- Filling mechanism easily adjustable to maximum output.
- Extremely accurate filling volume at each pump setting.
- Easy cleaning of pump allows rapid change - over from one product to another
- Quick change - over from one tube size to another.
- Registration of tubes by photo - electric scanner.
- Discharge of filled tubes can be arranged to suit any method of cartoning.

TUBE FILLER

For Lami Tubes

MPTF 100



Filler Model: MPTF 100

A user friendly state-of-art machine that makes it suitable for Lami tubes filling and sealing operations effectively with ease.

Toothpastes,shaving creams,cold creams,ointments,colours,paints, adhesives,food pastes,syrups etc. are some of the typical products for which this machine has proved very successful.

The machine can fill ointments,pastes,creams and liquids of different viscosities for the food, cosmetics and pharmaceutical industries with close accuracy. The product rat tail cut-off device is custom build for clean operation

Outstanding Features

- Hot air sealing system for Lami & plastic tubes
- Adaptable for Aluminium tubes
- Logical electrical controls
- GMP standard finishing
- Adequate Safety features

Optional Accessories

- Cassette infeed for Tubes
- Jacketed Product Hopper & Stirrer
- Tube print mark Orientation device
- Tube trasfere device
- Cap tightening & Tube cleaning device
- End Ejection

Technical Specification

1. Output per minute	: 110
2. Attendant	: 1 Operator
3. Power Requirements	: 1.2 kW
4. Floor space requirement	: 2200 mm x 1200 mm
5. Height with product hopper	: 2200 mm
6. Net weight	: 1500 kgs

MAGNUS PACKAGING introduces an automatic horizontal continuous motion cartoning machine **MPC100** with an output of the 100-120 Cartons per minute. Automatic Cartoning Machine – MPC100 – is a new model, based on integrated design from domestic and foreign technology, this high-tech product is incorporated with unique Mechanical, Electrical, Electronic, Pneumatic components to meet the Indian requirements. It delivers high quality performance and the best efficiency in its class. Moreover, its functioning assures impeccable steadiness and reliability at rated speeds.



MPC100 is an optimum choice for packing of Blister packs, Alu strips, Ampoule/Vial trays, Eye-drop plastic vials, Tubes, Soaps, and Pouches etc. into Carton. Standard machine can handle reverse type tuck in cartons. With additional changes and gluing device it can handle glued carton also. Machine can also be linked with upstream and downstream machines for line automation.



MPC 100

FEATURES:

- Continuous Motion Variable Speed
- Up to 100- 120 cartons per minute
- Accommodates glue sealing(option) or tuck style closure
- Straight front discharge
- No product no carton
- Separate vacuum pumps for carton pick-up
- Internationally accepted brands of Electronic & Electrical components
- Simple assembly, flexible size and speed variation.
- All the stations are laid out one after the other. This ensures ease in setting and trouble free running of the machine

Carton Dimensions Range:

Width: 25 – 100 mm

Height: 15 – 100 mm

Length: 60 – 250 mm

Basic Carton GSM Details:

Grams	Between(250-350)g/m ²			
Size mm		Length	Width	Height
	Min.	70	35	14
	Max.	180	85	50

Machine Specifications:

Mechanical Speed	MAX 100-120 cycles/min.
Air consumption	40 L/min at 6 kg/cm ² pressure
Power supply	220V, AC, 50/60 Hz, 3Ph.
Power consumption	2 KW
Machine Weight	900kg.
Gross Weight	1100kg.
Machine Dimension	1200(W) x 4000(L) x 1800(H) mm

*** Specifications are subject to change due to continuous improvements in Design*

OPTIONAL ACCESSORIES

- Leaflet inserter
- Tube , Bottle , Pouch Or Multi Product transfer device
- Batch coding device or Integration to Ink Jet Printers.
- Display for trouble shooting system (PLC touch screen-Optional)
- Automatic counting of speed and finished packed product.

Note : We also manufacture Horizontal, Vertical intermittent Cartoning, Tube filling, & special purpose packaging machines.



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MVC - 140

Magnus Packaging introduces the Vertical Cartonning Machine MVC140 with an output of up to 140 cartons per minute. The MVC140 assures high efficiency at greater speeds and provides the best quality performance when compared to other machines in the same platform. The principle of operation is as listed below.



- The machine's speed can be run from 40-140 cartons per minute
- Low cost running due to rugged cam-indexing /Continuous Motion assembly

The machine consists of fully automatic Vertical cartonating machine. The principal of operation is as mentioned below



1. End load carton is removed from a supply magazine via a reciprocating vacuum system
2. Carton is erected and placed down on continuous moving chain system.
3. Product loading into the carton can be integrated with your pick & place system.
4. Please note, product can be comfortably, loaded in the open carton as sufficient place will be provided for 2 people on either side to load the products.
5. Loaded carton is transported through the machine and is either tucked closed or pressed between end pressing belts
6. Completed cartons are then automatically delivered from the front of the machine at a Convenient working height on an exit conveyor.

Model: MVC - 140

Features :

- Intermittent Motion / Continuous Motion Variable Speed
- Up to 140 cartons per minute (Depend on product & carton size)
- Accommodates glue sealing(option) or tuck style closure
- Left hand load
- Straight front discharge

Carton Dimensions Range

Length: 50- 150 mm. • Height: 15- 50 mm. • Width (Fix): 25- 80 mm.

Cartons made of Good quality ITC Board or equivalent with Grain direction Perpendicular to Length, suitable automatic carton packing line.

Mechanical Speed	MAX 40-140 cycles/min.
Air consumption	40 L/min at 6 kg/cm ² pressure
Power supply	4400V, AC, 50/60 Hz, 3Ph.
Power consumption	3 KW
Machine Weight	800kg
Gross Weight	1000kg.
Machine Dimension	1000(W) x 4000 (L) x 1600(H) mm, Tentative.

Standard Features

- Separate vacuum pumps for carton pick-up.
- All Guards in SS sheet 304.
- All Open-able doors will be made of poly-carbonate
- Safety as per the Industrial guidelines

Optional Accessories

- Batch coding device
- Integration for Ink Jet printer
- Auto-Product feeding
- Integration with various other machines in the same line.




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