

PNG ENGINEERING

Blister Packing Machines

Suitable for ALU-ALU Blister & PVC / PVDC
Cold Forming Thermo Forming

Precision in Every Pack



Mr. Kamlesh Patel
Founder & CEO
- PNG ENGINEERING



Mr. Ankit Patel
CEO
- PNG ENGINEERING



+91-9898862858



png_eng@rediffmail.com



+91-9724754610



About Us

PNG ENGINEERING is a leading provider of **Fully Automatic Blister Packing Machines**, designed to ensure ***Precision in Every Pack***. With a strong global footprint, we serve a wide range of industries, offering innovative solutions such as **contact heating systems, adjustable variable speeds, and tailored customizations** to address specific client requirements. Our machines are **versatile, capable of packaging tablets, capsules, soft gelatin capsules, surgical items, and more**, using premium materials like **PVC, PVDC-coated films, and heat-sealable aluminum foils**.

Built for **simplicity and reliability**, our machines operate **without the need for air compressors**, offering **easy maintenance** and **consistent performance**. Backed by dependable **after-sales support**, we are dedicated to **delivering cutting-edge technology, operational efficiency, and unmatched quality** to our customers worldwide.

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Expanding Horizons: Our Global Customer Presence..



Fully Automatic Blister Pack Machine

(Model PNG 150 & Model PNG 240 Customizable & Efficient!)

- End-to-End Automation.
- Contact Heating System.
- Customization of Machine on Special Request.
- No Air Compressor Required.

Salient Features

- Simple & Convenient Operation.
- Ease of Maintenance.
- Delivery as per Committed Services.
- Prompt & Immediate Efficient after Sales Service.
- Optional Equipment as per Requirement.
- Infinite Variable Speed.

Specifications of Model PNG 150

Format Range	Model PNG 150	Format Range	Model PNG 150
Output	150 Blister P/Min	PVC Reel Dia.	440 mm Max
Forming Depth	10 mm	Alu. Foil Width	118 mm Max
Pack Length	110 mm	Alu. Foil Thickness	0.02 - 0.03 mm
Pack Width	100 mm	Alu. Foil Reel Dia.	210 mm Max
Forming Area Min.	110 x 25 mm	Machine Size LxWxH.	2750x1000x1800 mm
Forming Area Max.	110 x 102 mm	Machine Weight	1050 Kg Approx
PVC Base Film	120 mm Max	Power Required	4.5 Kw Approx
PVC Film Thickness	0.2 - 0.3 mm Max	3 Phase	

Specifications of Model PNG 240

Format Range	Model PNG 240	Format Range	Model PNG 240
Output	240 Blister P/Min	PVC Reel Dia.	440 mm Max.
Forming Depth	10 mm	Alu. Foil Width	206 mm Max.
Pack Length	200 mm	Alu. Foil Thickness	0.02 - 0.03 mm
Pack Width	100 mm	Alu. Foil Reel Dia.	210 mm Max.
Forming Area Min.	200 x 25 mm	Machine Size LxWxH.	3650x1150x1800 mm
Forming Area Max.	200 x 102 mm	Machine Weight	2050 Kg Approx.
PVC Base Film	210 mm Max.	Power Required	9 Kw Approx.
PVC Film Thickness	0.2 - 0.3 mm Max.	3 Phase	

Technical Data

Product Pack	Tablet, Capsules, Soft Gelatin Capsules
Material Uses	Non-toxic thermoformable transparent or opaque pvc, pvc with Pe/pvdc coating.
Lidding Materials	Hard aluminum foil with heat sealable incquire or pvdc coating.
Additional Advantages	Suitable for surgical product, disposable needles, syringes, scalp vein set IV canula set, vial, ampoules etc.

Optional Equipment

- Batch Code Overprinting Machine.
- In-Line Scoring Unit Dispensing of Blister in two's.
- Batch Code by Embossing.
- Perforations.
- SS Gladding.



Servo Powered Blister Packing Machine

(Model **MELODY-44** Customizable & Efficient)

Salient Features

- **Packing Speed:** 40 Cycles/min for Thermo -Forming & 35 Cycles/min for Cold-Forming.

Feeding System

- Auto feeding system by PLC Logic with pneumatic combination.

Servo Drive Index

- Servo web indexing by rigid PLC Logic.

Operator Interface

- User friendly HMI touch screen (Human machine interface).

Pneumatic Operations

- SMC make for fast response, oil free, minimum wear and tear, easy maintenance and universal availability of bought outs.

Packaging Materials

- Base Material: PVC/PVC-PVDC /ALU-ALU (OPA).
- Lidding Material: Aluminum with Heat Sealable Lacquer Coating.

Utilities Requirement

- **Compressed Air:** Dry Air at Constant pressure 8.0 Bar.
- **Water Cooler:** 160 Litre/hr. Temperature 15 C to 20 C pressure - 2.5 Kg/Cm.
- **Electrical Power:** 7.5 KW, 415 VAC, 50 Hz, 3 Phase + N+E. Earthing Cable Copper, 2.5 mm² (Minimum)

Specifications of Model MELODY - 44

Description	Model MELODY - 44	Description	Model MELODY - 44
Base Film Width.	Pvc Film 230 mm.	Pack Length.	219 mm
Blister Foil Thick.	Pvc 0.25 - 0.40 mm.	Pack Width.	140 mm
Reel Dia.	Pvc 440 mm.	Forming Depth.	35 mm
Sealing Foil Thick.	0.02 - 0.03 mm	Machine Speed	25 Cycles / Min.
Sealing Foil Width.	227 mm		

Approx. Machine Dimension:

- With conveyer Length: 4100 mm.
- Without conveyer Length: 3700mm.
- Width: 1200 mm.
- Height: 1800 mm.

Net Weight Approx. 1700 Kgs.



Blister Packing Machine for ALU-ALU & PVC/PVDC-ALU

(Model PNG AXL Customizable & Efficient!)

Salient Features

- **Packing Speed:** 35 Cycles/min for Thermo -Forming, 35 Cycles/min for Cold-Forming.

Feeding System

- Auto feeding system by PLC Logic with pneumatic combination. *(For critical products)*

Servo Drive Index

- Servo web indexing by rigid PLC Logic.

Operator Interface

- User friendly HMI touch screen (Human machine interface).

Pneumatic Operations

- Festo make for fast response, oil free, minimum wear and tear, easy maintenance and universal availability of bought outs.

Packaging Materials

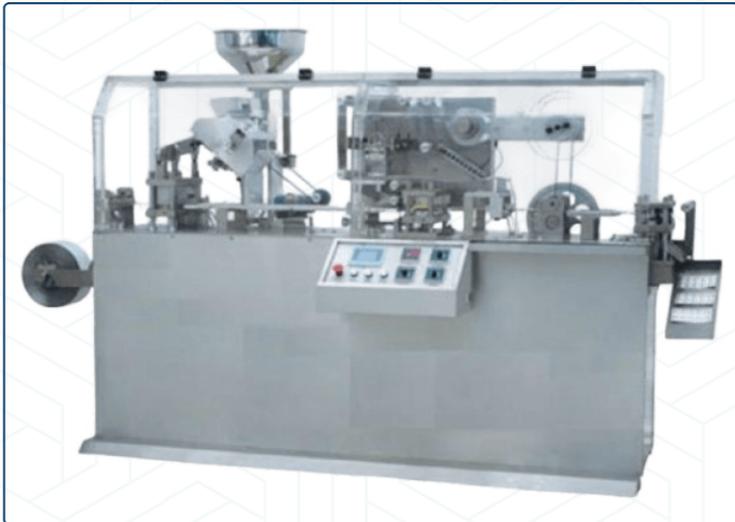
- **Base Material:** PVC/PVC-PVDC/ ACCLAR/TRIPLEX/PP/ ALU-ALU (OPA).
- **Lidding Material:** Aluminium with Heat Sealable Lacquer Coating.

Utilities Requirement

- **Compressed Air:** 24 CFM dry air at pressure of 8 Kg/cm²
- **Water Cooler:** 80 Liters/ Hr. Inlet pressure = 2.5 bar. (Max) water outlet temp. = 17 ± 2°C
- **Connected Load:** 4.5KW
- **Electrical Power:** 415 V ± 10%, 3 Phase, AC, 50 Hz ± 2 Hz (4 Wire).
- **Earthing Cable:** Copper, 2.5 mm² (Minimum)

Specifications of Model PNG AXL

Description	Cold Form ALU-ALU	Thermo Forming (When Fitted)
Base Film Width.	Alu. Foil 150 mm	Pvc Film 150 mm.
Blister Foil Thick.	Alu. 0.13 - 0.15 mm	Pvc 0.20 - 0.40 mm.
Reel Dia.	Alu.440 mm	Pvc 440 mm.
Sealing Foil Thick.	0.02 - 0.04 mm	0.02 - 0.03 mm
Sealing Foil Width.	150 mm	150 mm
Pack length.	140 mm	140 mm
Pack Width.	105 mm	105 mm
Forming Depth.	12 mm	12 mm
Cycle Speed/ Output	35 Cycles /Min.	35 Cycles /Min.
Overall Dimensions (Approx.)	Length: 3000 mm. Width: 950 mm. Height: 1700 mm.	Length: 3000 mm. Width: 950 mm. Height: 1700 mm.
Approx. Net Weight.: 1050 Kgs. (Approx.)		



N.B.: Due to continuous development and improvement company reserves the right to alter the specifications without prior notice.

Our Clients: Trusted by Industry Leaders Worldwide.



USE THE MAP TO SEARCH

PNG ENGINEERING

Corporate office & Plant Address

11/12 Shakriba Industrial Estate B/H Indo German Tool Room
Phase-4 Vatva GIDC, Ahmedabad

With a proud legacy of excellence, we serve **over 160+ Satisfied Clients** across the industry, earning their trust through **Innovation, Quality, & Reliability.**