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Machineries & Packaging

# CAPSULE
## SECTION

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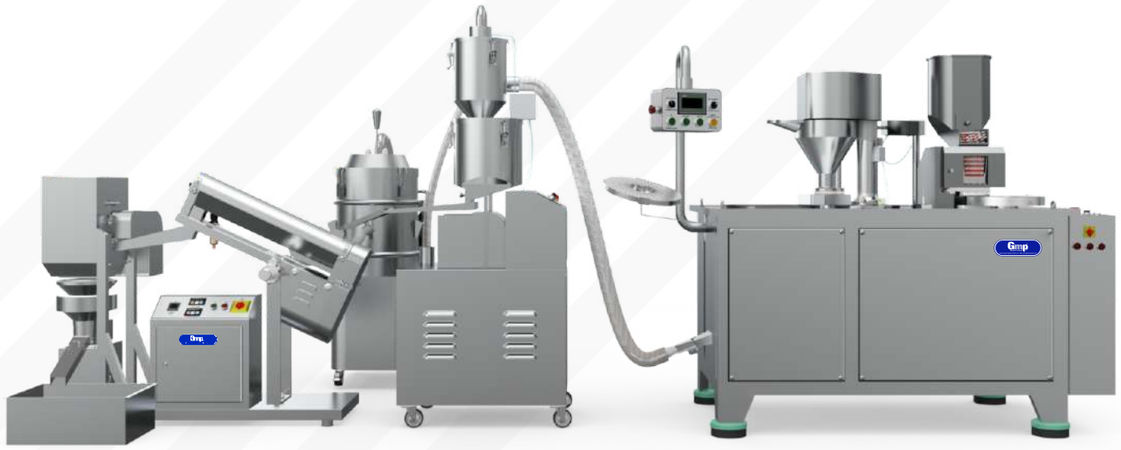
## Advance Semi Automatic Capsule Filling Machine with Line



## Advance Automatic Capsule Filling Machine with Line

## Semi Automatic Capsule Filling Machine

Technical Specifications:

| Description | Single Loader |
|---|---|
| MOC of Loading Ring | Magnesium alloy (light weight) |
| Number of holes/Ring | Size 00: 480<br>Size 0: 600<br>Size 1,2,3,4,5: 720 |
| Output* | 36,000/hr |
| Product Contact Parts | S.S. 316 |
| Loader Drive** | 0.25 HP, 380/440 Volts, 3 Ph, 50 Hz |
| Auger Drive** | 1.5 HP, 380/440 Volts, 3Ph, 50 Hz |
| Filling Table Drive** | 0.5 HP, 380/440 Volts, 3 Ph, 50 Hz |
| Vacuum Pump/Vacuum | 3 HP, oil Type<br>500mm (20") of Hg.<br>At 1000 Ltrs./min. (30 cfm). |
| Compressed Air | 200 Ltrs./min. (8 cfm) at 100 PSI. |
| Dimension (Lx WxH)*** | 1650mm X 1350mm X 1600mm |
| Approx weight | 1000 kgs. |

## Semi Automatic Capsule Filling Machine

Technical Specifications:

| Description | Double Loader |
|---|---|
| MOC of Loading Ring | Magnesium alloy (light weight) |
| Number of holes/Ring | Size 00: 480<br>Size 0: 600<br>Size 1,2,3,4,5: 720 |
| Output* | 47,000/hr |
| Product Contact Parts | S.S. 316 |
| Loader Drive** | 0.5 HP, 380/440 Volts, 3 Ph, 50 Hz |
| Auger Drive** | 1.5 HP, 380/440 Volts, 3Ph, 50 Hz |
| Filling Table Drive** | 0.5 HP, 380/440 Volts, 3 Ph, 50 Hz |
| Vacuum Pump/Vacuum | 3 HP, oil Type<br>500mm (20") of Hg.<br>At 1000 Ltrs./min. (30 cfm). |
| Compressed Air | 200 Ltrs./min. (8 cfm) at 100 PSI. |
| Dimension (Lx WxH)*** | 1650mm X 1350mm X 1600mm |
| Approx weight | 1200 kgs. |

Environment: In capsule filling room humidity and temperature is very important for empty capsules and product powder.
Room Temperature: 20° to 25°C
Humidity: 40 to 44% RH

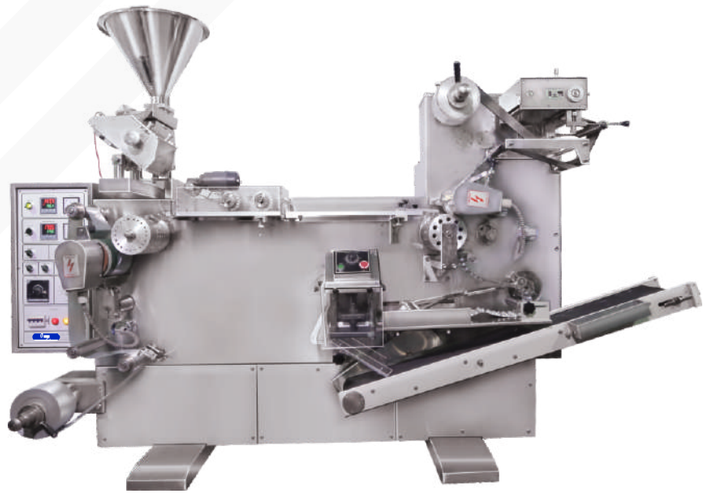
*Output depends upon the quality of capsules, character of the products & environmental conditions.
**Electric voltage and frequency can be provided as per customer's requirement.
***Due to continuous improvements in the machines, design & specifications are subject to change without any prior notice.

## Automatic Capsule Filling Machine

### Technical Specifications:

| Description | CT- 25 | CT- 40 | CT- 90 | CT- 150 |
|---|---|---|---|---|
| Output* | 25,000 capsules / hour | 40,000 capsules / hour | 90,000 capsules / hour | 1,50,000 capsules / hour |
| Power Supply** | 3 Phase + Neutral + Earthing | 3 Phase + Neutral + Earthing | 3 Phase + Neutral + Earthing | 3 Phase + Neutral + Earthing |
| Electrical Load Hp/Kw | 6/4.5 | 6/4.5 | 7.5/5.7 | 7.5/5.7 |
| Compressed Air | 4 CFM | 4 CFM | 4 CFM | 4 CFM |
| Dimension (LxWxH)*** | 950 mm x 850mm x 1930 mm | 950 mm x 850mm x 1930 mm | 1200 mm x 1150 mm x 1950 mm | 1200 mm x 1150 mm x 1950 mm |
| Approx Weight | 800 kgs. | 800 kgs. | 1500 kgs. | 1500 kgs. |

## Blister Pack Machine (Double Track)



### Technical Specifications:

| Description | Range | GMP -CAP-TAB-240 | GMP -CAP-TAB-300 |
|---|---|---|---|
| Output* | | 150 Strokes / Min | 150 Strokes / Min |
| PVC Base Film | Max Width<br>Thickness<br>Max Reel Dia | 206mm<br>0.025 to 0.35mm<br>440 mm | 225mm<br>0.025 to 0.35mm<br>440mm |
| Aluminum Foil | Max Width<br>Thickness<br>Max Reel Dia | 200mm<br>0.023 to 0.35mm<br>210mm | 221mm<br>0.025 to 0.35mm<br>210mm |
| Forming Area | Minimum<br>Maximum | 196 X 15mm<br>196 X 32mm | 210 X25mm<br>210 X132mm |
| Pack Length | Maximum | 196 X 15mm<br>196 X132mm | 210 X25mm<br>210 X132mm |
| Pack Width | Maximum | 106 mm | 140mm |
| Forming Depth (Can be extended up to 19 mm) | | 12 mm | 12 mm |



## Blister Pack Machine (Single Track)

### Technical Specifications:

| Description | Range | GMP -CAP-TAB-150 |
|---|---|---|
| Output* | | 150 Strokes / Min |
| PVC Base Film | Max Width<br>Thickness<br>Max Reel Dia | 128 mm<br>0.25 to 0.35 mm<br>440 mm |
| Aluminum Foil | Max Width<br>Thickness<br>Max Reel Dia | 124 mm<br>0.025 to 0.035 mm<br>210 mm |
| Forming Area | Minimum<br>Maximum | 112 x 25 mm<br>112 x 96 mm |
| Pack Length | Maximum | 120 mm |
| Pack Width | Maximum | 104 mm |
| Forming Depth (Can be extended up to 19 mm) | ---- | 12 mm |

## ALU-ALU Blister Pack Machine

### Technical Specifications:

| Description | (ALU-ALU) Single Track | (ALU-ALU) Double Track |
|---|---|---|
| Output* | 30 Strokes / Min | 35 Strokes / Min |
| Base Foil Width | Aluminum 150 mm | Aluminum 227 mm |
| Base Foil Thickness | 0.13-0.15 mm | 0.13-0.15 mm |
| Base Foil Reel Diameter | 440 mm | 440 mm |
| Sealing Foil Width | Aluminum 227 mm | Aluminum 227 mm |
| Sealing Foil Thickness | 0.025-0.035 mm | 0.025-0.035 mm |
| Sealing Foil Reel Diameter | 210 mm | 250 mm |
| Max. Packet Forming Area | 85 x 150 mm | 140 x 215 mm |
| Max. Forming Depth | 8 mm | 12 mm |

## Double Cone Blender

Technical Specifications:

| Model | Gross Volume (Ltr.) | Working Volume (Ltr.) | Motor (HP) |
|---|---|---|---|
| GMP-DCB -5 | 15 | 9 | 0.5 |
| GMP-DCB -10 | 30 | 18 | 0.5 |
| GMP-DCB -15 | 45 | 27 | 0.5 |
| GMP-DCB -25 | 75 | 45 | 1 |
| GMP-DCB -50 | 150 | 90 | 2 |
| GMP-DCB -100 | 300 | 180 | 3 |
| GMP-DCB -150 | 450 | 270 | 3 |
| GMP-DCB -200 | 600 | 360 | 5 |
| GMP-DCB -250 | 750 | 450 | 5 |
| GMP-DCB -300 | 900 | 540 | 7.5 |
| GMP-DCB -350 | 1050 | 630 | 7.5 |
| GMP-DCB -400 | 1200 | 720 | 10 |
| GMP-DCB -500 | 1500 | 900 | 10 |

## Capsule Polishing Machine

Technical Specifications:

| | |
|---|---|
| Output* | 90,000 capsules / hour |
| Electricals** | 1 HP, 380/440 Volts, 3 Ph, 50 Hz |
| Dimensions (LxWxH)*** | 1000mm x 500mm x 950mm |
| Approx. Weight | 75 Kgs. |

## Manual Capsule Filling Machine

Technical Specifications:

| | |
|---|---|
| Output* | 6500 to 7000 capsules / hour |
| Length*** | 405 mm |
| Width*** | 300 mm |
| Height*** | 455 mm |
| Approx. Weight | 45 kgs. |

The machine is common for size 00 / 0 / 1 / 2 & size 3 / 4 / 5. The machine is supplied with any one size of capsule change parts.



## Dust Extractor

Technical Specifications:

| | |
|---|---|
| Vacuum Flow | 300 cfm |
| Electricals** | 3 HP, 380/440 Volts, 3 Ph, 50 Hz |
| Dimensions (LxWxH)*** | 620mm x 480mm x 1230mm |
| Approx. Weight | 110 Kgs. |

## Capsule Loading Machine

## Empty Capsule Ejection

## Damage Capsule Sorter



## Capsule Conveying System

## Empty Capsule Sorter Elevator

## De-Blister Machine