

PANTHER

PHARMATECH



COMPLETE FILLING LINE SOLUTIONS

www.pantherpharmatech.com



About Us

“PANTHER PHARMATECH is a leading manufacturer of Pharma machinery. Our business is engaged in designing, developing and manufacturing a wide range of Filling Machinery and Packaging Automation Systems for Primary Packaging Applications, Sale and Post-Sale support covering the industry and verticals across the globe. PANTHER TECHNOLOGIES is a sister consult company of PANTHER PHARMATECH which is engaged in design, manufacturing and supply of secondary/tertiary packaging machines and conveyor automations.

Our Team

Our team of experts have a combined experience of many years in the packaging machinery industry. Our highly skilled team of engineers have extensive knowledge of packaging machinery and are experts in their respective elds. Our team can design and develop customized machinery and equipment for customers. After sales, we have customer care division who is available 24x7 and is handled by skilled engineer to solve problem immediately via call. We are a friendly, curious and inventive group.



TURN TABLE

Turn Table for transfer or movement of various type of Vials, Bottles, Jars on any Powder Filling, Liquid Filling or Tablet Bottle Packing Lines. Turn Table can be used with any machine for collection or feeding of products and also used to change the total line direction for "L" shape or "U" shape movement of line or for Linear movement of line. If any machine stops during the online operation, Turn Table can work as a buffer system. Turn Table is available in various diameter as per detail mentioned below of 600, 750, 900 or 1200 mm as per customer requirement.

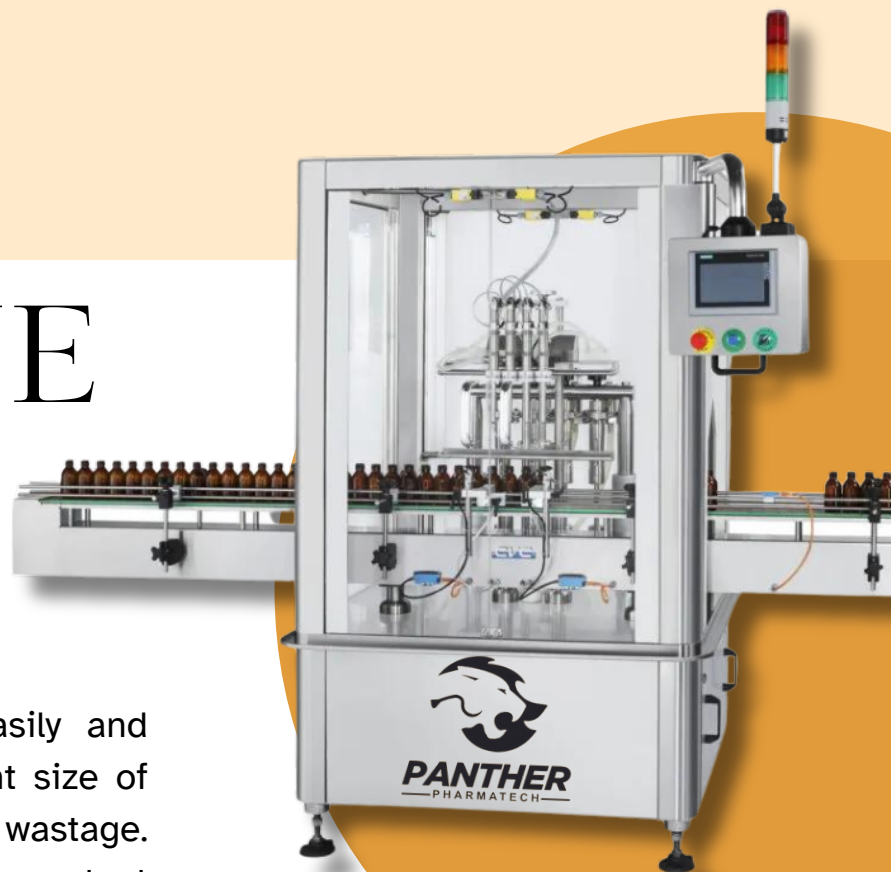
Most commonly used size of Turn Table is 900mm Diameter. Turn Table frame is made from S.S. 304 Frame Structure duly supported with heavy duty M.S. "C" profile structure for extra support for Top Plate and Gear Box. Machine with S.S.304 Enclosures, Aluminium Top Plate having Stainless Steel Cladding. Turn Table with A.C. Variable Frequency Drive System for smoother Start and Stop operation for unstable products as well as speed control. Turn Table can also be made from Fully Stainless Steel Top Plate on request.



FILLING MACHINE

A Liquid Filling Machine can easily and efficiently pack liquid into different size of containers faster and with less wastage. Liquid fillers are the most important equipment for the liquid packing industries which needs to pack the liquid in different shape & size of the container for e.g. Food & Beverages, Dairy, Chemical, Cosmetics, Pharmaceutical, etc.

We have different choices available For Automatic Liquid Filling Machine such as. viscous liquid filling machine, automatic filling and closing machine, vacuumetric Monoblock liquid filling machine, Honey filling machine, Peanut butter filling machine, Balm filling machine, twin head liquid filling machine, volumetric liquid bottle filling machine, liquid filling and capping machine, rotary liquid filling machine, semi-automatic volumetric liquid filling machines, automatic syrup filling machine, automatic volumetric liquid filling machine, Syrup bottle filling machine, Syrup liquid filling machine, Liquid filling machine for bottle, Syrup filling and capping machine, Linear syrup liquid filling machine, Linear syrup filling machine, Petroleum jelling filling machine, Mayonnaise filling machine, Choose from our top selection of Liquid Filling Machines that best suit your requirement.



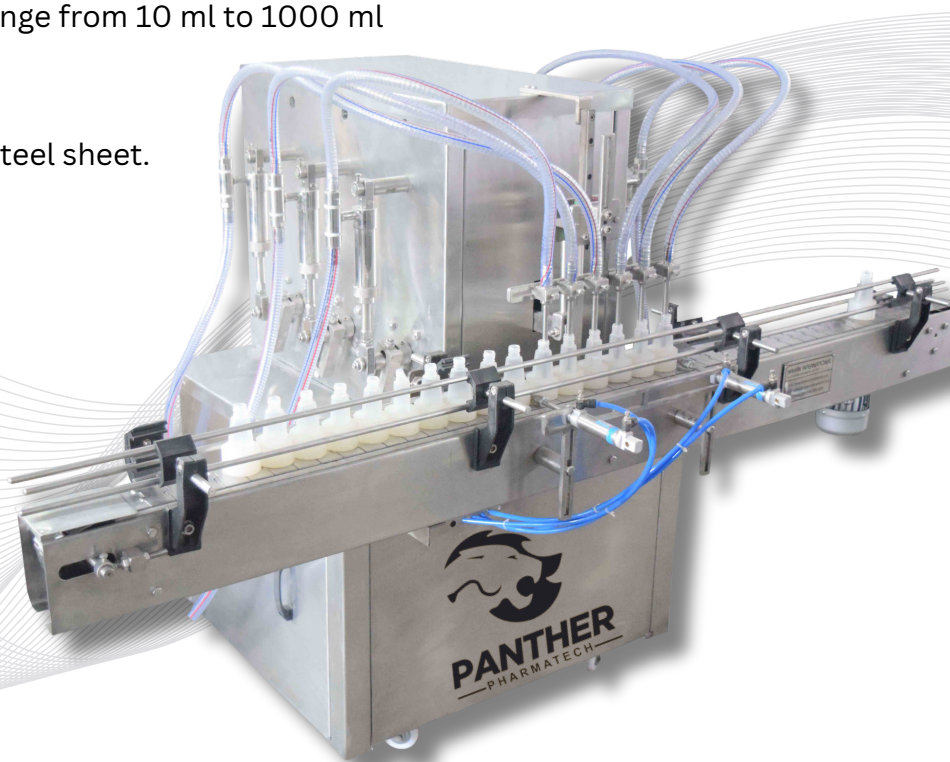
SEMI AUTOMATIC VOLUMETRIC LIQUID FILLING MACHINE

Technical Specification

Model	PPT-SAVLFM-02
Production rate	20 BPM (Depending on Nature of Liquid & Fill size)
Filling Accuracy	± 1 %
No Of Heads	2/4/6/8 Heads,
Electrical supply	Main Machine: 1HP/440 Volts/ 3Phase/ 50 Hz
Filling Range	10 ml to 1000 ml with help of change parts
Change Parts required	(A) Syringe (B) Nozzle (C) Inlet & Outlet hose pipe
Net weight	200 kg
Machine Dimension (Feet)	2(L)x3(W)x6(H)

Silent Feature

- Semi-automatic with filling range from 10 ml to 1000 ml
- All contact part S.S 316
- Body covered with stainless steel sheet.
- Accuracy ± 1 % in single dose.
- NRV Type Filling Mechanism



AUTOMATIC VOLUMETRIC LIQUID FILLING MACHINE

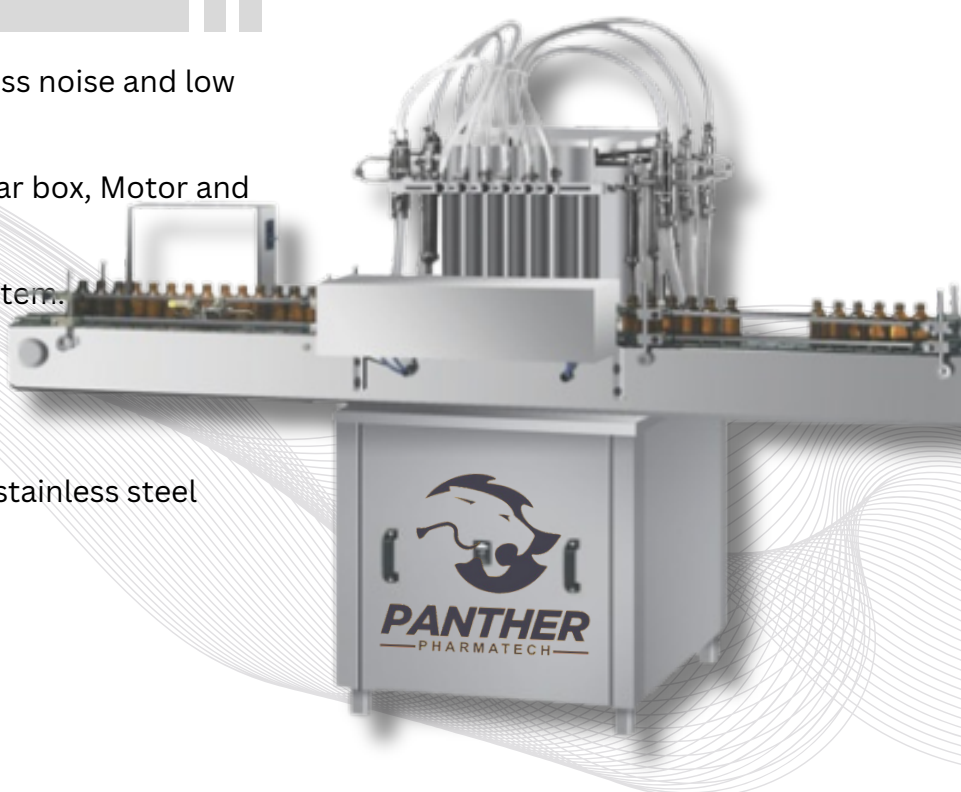
Technical Specification

Model	PPT-VLFM-02	PPT-VLFM-04	VLFM-06
Operating Direction	Left to right	Left to right	Left to right
Filling Range	50ml to 1000ml with help of change part		
Filling Accuracy	±1%	±1%	±1%
No of Heads	2 Heads	4 Heads	6 Heads
Production Rate	15-20 BPM	30-40 BPM	50-60 BPM
Electrical Supply	Main Machine : 1 HP/ 440 Volts/3Phase/50 Hz.	Main Machine : 2 HP/415 Volts/ 50 Hz	Main Machine : 2 HP/415 Volts/ 50Hz
	Conveyor : 0.5 HP/440 Volts/ 3 Phase/ 50 Hz		
Machine Dimension (Feet)	6(L)X3(W)X6(H)	6(L)X4(W)X6(H)	8(L)X4(W)X6(H)
Container Height (mm)	55mm to 210mm Max	55mm to 210mm Max	55mm to 210mm Max
Container Diameter (mm)	Ø30mm to Ø100mm	Ø30mm to Ø100mm	Ø30mm to Ø100mm
Container Neck Diameter (mm)	Minimum Ø22mm	Minimum Ø22mm	Minimum Ø22mm
Conveyor Height (mm)	860mm to 910mm Adustable.		
Change Parts required	(a) Syringe (b) Nozzle (c) Inlet & Outlet hose pipe		

Also Available Models in 8/10/12 Heads.

Silent Feature

- Vibration free construction, less noise and low power consumption.
- Safety Guard for Conveyor Gear box, Motor and Pneumatic cylinder.
- Pneumatic bottle stopping system.
- Accuracy ± 1 % in single dose.
- NRV Based Filling Mechanism
- Body Structure Covered with stainless steel sheet.
- All Contact part S.S 316.
- No Bottle, No Filling system



SERVO BASE AUTOMATIC HIGH SPEED GEAR PUMP LIQUID FILLING MACHINE

Technical Specification

Model	PPT-VLFM-02	PPT-VLFM-04	PPT-VLFM-06
Operating Direction	Left to right	Left to right	Left to right
Filling Range	50ml to 1000ml with help of change part		
Filling Accuracy	±1%	±1%	±1%
No of Heads	2 Heads	4 Heads	6 Heads
Production Rate	15-20 BPM	30-40 BPM	50-60 BPM
Electrical Supply	Main Machine : 1 HP/ 440 Volts/3Phase/50 Hz.	Main Machine : 2 HP/415 Volts/ 50 Hz	Main Machine : 2 HP/415 Volts/ 50Hz
	Conveyor : 0.5 HP/440 Volts/ 3 Phase/ 50 Hz		
Machine Dimension (Feet)	6(L)X3(W)X6(H)	6(L)X4(W)X6(H)	8(L)X4(W)X6(H)
Container Height (mm)	55mm to 210mm Max	55mm to 210mm Max	55mm to 210mm Max
Container Diameter (mm)	Ø30mm to Ø100mm	Ø30mm to Ø100mm	Ø30mm to Ø100mm
Container Neck Diameter (mm)	Minimum Ø22mm	Minimum Ø22mm	Minimum Ø22mm
Conveyor Height (mm)	860mm to 910mm Adustable.		
Change Parts required	(a) Syringe (b) Nozzle (c) Inlet & Outlet hose pipe		

Also Available Models in 8/10/12 Heads.

Silent Feature

- Vibration free construction, less noise and low power consumption.
- An inbuilt PLC and Touch Screen HMI for control and operation of Machine.
- Machine Can fill 50ml to 1000ml without any changeover.
- Servo Motor driven Pumps
- Fill Volume setting through PLC.
- Filling accuracy better than ±0.5%.
- All Contact part S.S 316.
- No Bottle, No Filling system



AUTOMATIC PNEUMATIC VISCOUS FILLING MACHINE

Technical Specification

Model	PPT-GFM-04	PPT-GFM-06	PPT-GFM-08
Operating Direction	Left to right	Left to right	Left to right
Filling Range	50ml to 1000ml with help of change part		
Filling Accuracy	±1%	±1%	±1%
No of Heads	4 Heads	6 Heads	8 Heads
Production Rate	30-40 BPM	50-60 BPM	70-80 BPM
Electrical Supply	Main Machine : 1 HP/ 440 Volts/3Phase/50 Hz.		
	Conveyor : 0.5 HP/440 Volts/ 3 Phase/ 50 Hz		
Machine Dimension (Feet)	8(L)X5(W)X8(H)	8(L)X5(W)X8(H)	8(L)X5(W)X8(H)
Container Height (mm)	55mm to 210mm Max	55mm to 210mm Max	55mm to 210mm Max
Container Diameter (mm)	Ø30mm to Ø100mm	Ø30mm to Ø100mm	Ø30mm to Ø100mm
Container Neck Diameter (mm)	Minimum Ø22mm	Minimum Ø22mm	Minimum Ø22mm
Conveyor Height (mm)	860mm to 910mm Adjustable.		
Change Parts required	(a) Nozzle (b) Inlet & Outlet hose pipe		
Hopper Capacity (Liter)	200 Ltr	200 Ltr	200 Ltr
Net Weight	Approx. 450 kg	Approx. 650 kg	Approx. 750 kg

Also Available Models in 10/12 Heads.

Silent Feature

- Fully Automatic liner operation.
- Can fill jam / jelly/sauce/chocolate/viscous Product etc.
- Safety guard for conveyor gear box, motor and Pneumatic cylinder.
- Pneumatic bottle stopping system.
- Accuracy ± 1 % in single dose.
- Body Structure covered with stainless steel sheet.
- All Contact part S.S 316.
- No Bottle, No Filling system
- VFD used to increase or decrease the conveyor speed.
- Standard or custom designed machine with higher Speeds are also available.



CAPPING MACHINE

Automatic cap tighteners require only that the operator places the cap onto the container; the capping machine automatically handles the container and torques threaded caps to tightness at rates dependent on the type of tightener.

“Panther” continuous motion tighteners can reach capping rates limited only practically by the operator’s ability to place and start the caps on the containers. Intermittent motion chuck style automatic tighteners typically operate at slower rates up to 30 CPM max.

The Intermittent motion tighteners are available in pneumatic or electric torque versions that provide a choice between cost, precision and upper limits of torque.

The automatic chuck style automatic capping machine tighteners provide more precise and repeatable torque and lower throughput.



SEMI AUTOMATIC SCREW CAPPING MACHINE

Technical Specification

Model	PPT-SASCM 01
Production rate	20 BPM
No of Selling Heads	1 Heads
Types of Capping	Screw Capping
Electrical Supply	Main Machine : 1 HP/ 440 Volts / 3 Phase / 50 Hz
Bottle Diameter	30mm to 100mm max.
Bottle Height	55mm to 210mm max.
Flat Bottle	Flat Bottle length : 30mm to 100mm
	Flat Bottle length : 20mm to 50mm
	Flat Bottle Height : 55mm to 210mm max
Caps	22,25& 28mm diameter.(with help of change parts)
Net weight	Approx. 150 kg
Machine Dimension(Feet)	2(L) x 3(W) x 6(H)

Silent Feature

- S.S elegantly matt/glossy finished body.
- Very compact and versatile model.
- Less vibration, low noise level, low power consumptions.
- Easy to set and no change parts require for different Container diameter.
- Sealing pressure can be varied to suit different gauges And size of caps.
- Built in front control panel.
- Machine Equipped with High Quality GearBox.
- All contact parts are made out of Stainless Steel For long life.



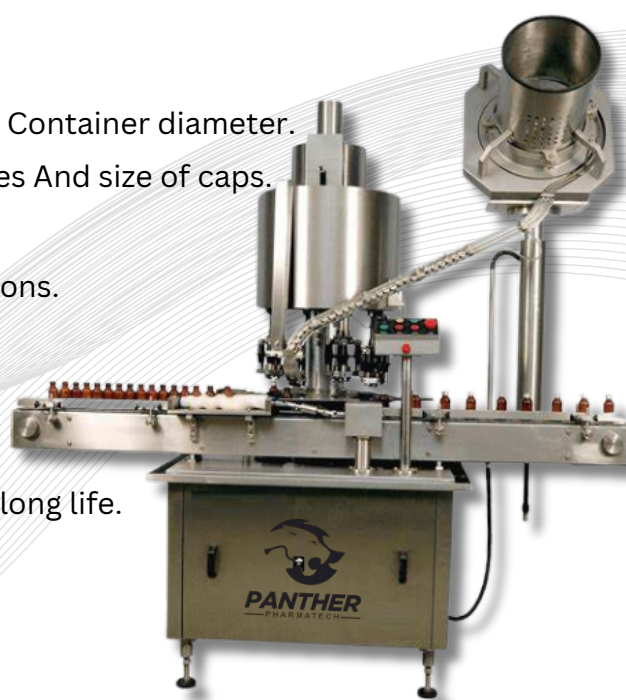
SEMI AUTOMATIC ROPP CAPPING MACHINE

Technical Specification

Model	PPT-SARCM 01
Production rate	20 BPM
No of Selling Heads	1/4 Heads
Types of Capping	Screw Capping
Electrical Supply	Main Machine : 1 HP/ 440 Volts / 3 Phase / 50 Hz
Bottle Diameter	30mm to 100mm max.
Bottle Height	55mm to 210mm max.
Flat Bottle	Flat Bottle length : 30mm to 100mm
	Flat Bottle length : 20mm to 50mm
	Flat Bottle Height : 55mm to 210mm max
Caps	22,25& 28mm diameter.(with help of change parts)
Net weight	Approx. 150 kg
Machine Dimension(Feet)	2(L) x 3(W) x 6(H)

Silent Feature

- Easy to set and no change parts require for different Container diameter.
- Sealing pressure can be varied to suit different gauges And size of caps.
- S.S elegantly matt finished body.
- Less vibration, low noise level, low power consumptions.
- Very compact and versatile model.
- Built in front control panel.
- Machine Equipped with High Quality GearBox.
- All contact parts are made out of Stainless Steel For long life.



AUTOMATIC HIGH SPEED ROPP CAPPING MACHINE WITH VIBRATOR



Technical Specification

Model	PPT-ARCMWV-01	PPT-ARCMWV-04	PPT-ARCMWV-06	PPT-ARCMWV-08
Operating Directon	Left to right	Left to right	Legh to right	Left to right
Production rate	30 BPM	60 BPM	80 BPM	120 BPM
No of Selling Heads	1 Heads	4 Heads	6 Heads	8 Heads
Types of Capping	ROPP Capping	ROPP Capping	ROPP Capping	ROPP Capping
Electrical Supply	Main Machine : 1 HP / 415 Volts / 3 Phase / 50 Hz	Main Machine : 1 HP / 415 Volts / 3 Phase / 50 Hz	Main Machine : 1 HP / 415 Volts / 3 Phase / 50 Hz	Main Machine : 1 HP / 415 Volts / 3 Phase / 50 Hz
	Conveyor : 0.5 HP/415 Volts/ 50 Hz			
Bottle Diameter	30 mm to 100 mm max			
Bottle Height	55mm to 210 mm max			
Flat Bottle	Flat Bottle Length : 30 mm to 100 mm			
	Flat Bottle Width : 20 mm to 50 mm			
	Flat Bottle Height : 55 mm to 210 mm max			
Caps	22,25 & 28 mm diameter.(with help of change parts)			
Change Parts Required	(A) Container: Star Wheel, Back Guide, Feed Worm (B) Cap Die : Delivery Chute, Bowl Capping Head			
Net Weight	Approx. 400 kg	Approx. 500 kg	Approx. 600 kg	Approx. 700 kg
Conveyor Height	860mm to 910mm Adjustable	860 mm to 910 mm Adjustable.	860 mm to 910 mm Adjustable.	860 mm to 910 mm Adjustable.
Machine Dimension (Feet)	4(L) X 3(W) X 6(H)	6(L) X 4.5(W) X 6(H)	6(L) X 4.5(W) X 6(H)	6(L) X 4.5(W) X 6(H)

Silent Feature

- S.S elegantly matt/glossy finished body.
- Very compact and versatile model.
- Less vibration, low noise level, low power consumptions.
- Sealing pressure can be varied to suit different gauges And size of caps.
- Built in front control panel.
- Machine Equipped with High Quality GearBox.
- All contact parts are made out of Stainless Steel For long life.



AUTOMATIC HIGH SPEED SCREW CAPPING MACHINE WITH VIBRATOR



Technical Specification

Model	PPT-ASCMWV-01	PPT-ASCMWV-04	PPT-ASCMWV-06	PPT-ASCMWV-08
Operating Directon	Left to right	Left to right	Legh to right	Left to right
Production rate	30 BPM	60 BPM	80 BPM	120 BPM
No of Selling Heads	1 Heads	4 Heads	6 Heads	8 Heads
Types of Capping	Screw Capping	Screw Capping	Screw Capping	Screw Capping
Electrical Supply	Main Machine : 1 HP / 415 Volts / 3 Phase / 50 Hz	Main Machine : 1 HP / 415 Volts / 3 Phase / 50 Hz	Main Machine : 1 HP / 415 Volts / 3 Phase / 50 Hz	Main Machine : 1 HP / 415 Volts / 3 Phase / 50 Hz
	Conveyor : 0.5 HP/415 Volts/ 50 Hz			
Bottle Diameter	30 mm to 100 mm max			
Bottle Height	55mm to 210 mm max			
Flat Bottle	Flat Bottle Length : 30 mm to 100 mm			
	Flat Bottle Width : 20 mm to 50 mm			
	Flat Bottle Height : 55 mm to 210 mm max			
Caps	22,25 & 28 mm diameter.(with help of change parts)			
Change Parts Required	(A) Container: Star Wheel, Back Guide, Feed Worm (B) Cap Die : Delivery Chute, Bowl Capping Head			
Net Weight	Approx. 400 kg	Approx. 500 kg	Approx. 600 kg	Approx. 700 kg
Conveyor Height	860mm to 910mm Adjustable	860 mm to 910 mm Adjustable.	860 mm to 910 mm Adjustable.	860 mm to 910 mm Adjustable.
Machine Dimension (Feet)	4(L) X 3(W) X 6(H)	6(L) X 4.5(W) X 6(H)	6(L) X 4.5(W) X 6(H)	6(L) X 4.5(W) X 6(H)

Silent Feature

- S.S elegantly matt/glossy finished body.
- Very compact and versatile model.
- Less vibration, low noise level, low power consumptions.
- Sealing pressure can be varied to suit different gauges And size of caps.
- Built in front control panel.
- Machine Equipped with High Quality GearBox.
- All contact parts are made out of Stainless Steel For long life.



LABELING MACHINE

Labeling systems are integrated assemblies of various label applicators, dispensers, printers, and material handling equipment. They are used in labeling processes that are fast-paced and require a high level of precision and consistency.

Front-back labeling systems apply seamless labels on the front, back, and sides of the product. In these systems, two labeling heads are positioned face-to-face. As the conveyor brings the product to the labeling heads, the labels will be simultaneously attached to the front and back sides of the product. The label is wrapped for rounded products by passing the product through a series of rollers. The movement of the product and the preparation of the label is precisely timed to ensure accurate label application.



SERVO BASE AUTOMATIC DOUBLE SIDE STICKER LABELING MACHINE FOR FLAT CONTAINER AND ROUND BOTTLE



Silent Feature

- S.S elegantly matt/glossy finished body.
- Very compact and versatile model.
- Less vibration, low noise level, low power consumptions.
- Meticulously Designed Superior Slider Label Applicator for Better Label Alignment in both Vertical and Horizontal Direction.
- Specially Designed Reel Mechanism to Place the Roll.
- No Change Part Required for Label Size.
- Auto Label Length Detection.

Technical Specification

Model	PPT-SADSSLM-01
Operating Direction	Left to right
Production rate	90 Container/min depending on the size of the bottle or label length
Types of Labelling	Double Side(Front and Back)
Label Height	10mm to 160mm
Label Length	12mm to unlimited
Gap between two Labels	Min. 5mm
Label Roll Dia.	300mm Max. Ø
Label Core Dia.	75mm to 76mm Ø
Container Length	30mm to 100mm
Container Height	55mm to 210mm
Container Width	20mm to 50mm
Electrical Supply	Main Machine : 400 W / 230 Volts / 50 Hz. (Servo)
Model	Conveyor : 0.5 Hp / 230 Volts / 50 Hz.
Conveyor Height	860mm to 910mm Adjustable.
Machine Dimension (Feet)	8(L) X 8(W) X 5(H)
Net Weight	400 kg

AUTOMATIC LIQUID FILLING LINE



TURN TABLE

AIR JET
WASHING

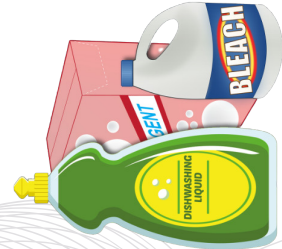
FILLING M/C

CAPPING M/C

LABELING M/C

PACKING
CONVEYOR

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INDUSTRIES WE SERVE



DAIRY



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FMCG



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PANTHER PHARMATECH

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