



**FARMA FUSION**  
YOUR VISION. OUR INNOVATION

Deals in: Tablet Press, Liquid Filling Machine, Labeling Machine, Rotary Tablet Press Machine, Brass Products, Cap Sealing Machine, Milling Machine, Industrial Conveyor, Etc

# ABOUT FARMA FUSION

Welcome to Farma Fusion, where innovation meets precision in the manufacturing of high-quality industrial machinery and equipment. With a commitment to excellence, we specialize in the production of Tablet Press, Liquid Filling Machines, Labeling Machines, Rotary Tablet Press Machines, Brass Products, Cap Sealing Machines, Milling Machines, Industrial Conveyors, and more.

At Farma Fusion, our mission is to empower industries with state-of-the-art technology and reliable solutions that enhance productivity and efficiency. Our cutting-edge machinery is designed to meet the diverse needs of various sectors, ensuring superior performance and durability.

With a team of skilled engineers and a robust infrastructure, we adhere to stringent quality standards and continuous improvement practices. Our dedication to innovation and customer satisfaction has established us as a trusted partner in the industry.

Our ethical business policies and medicinal products have helped us in reaching the zenith of success. Some of the factors, which make us the most preferred choice of our clients.



## OUR TEAM

We are backed by a talented team of professionals that makes every possible effort to meet the high expectations of our valued clients. They make sure that all the offered machines are in compliance with industry standards of quality and then dispatch at the customers end within the committed time frame.



## | Why Us?

With years of experience in this industry, we know what our customers are looking for. There are a lot of reasons that gives us a competitive edge over the other organization. Our offered machines are highly admired by the customers for their high performance and excellent finishing standards.

# DOUBLE SIDED ROTARY TABLET PRESS

Introducing Farma Fusion's Double Side Rotary Tableting Machine, a powerhouse designed for high-efficiency and large-scale tablet production. This advanced machine ensures superior quality and consistency, making it an ideal choice for pharmaceutical, nutraceutical, Ayurvedic medicine and other industries.



## PRODUCT DETAILS

- Upper punch adjustable penetration system.
- Turret of special grade SG Iron Casting.
- Electronic digital tablet cum rpm counter.
- Aluminium covers for turret teeth.
- Lubrication system with hand pump (Autopump optional).
- Square GMP Model.
- Phosphorous bronze turret bush & gear box worm.
- Higher Turret speed 40 RPM.
- Reverse direction motion protection.
- Force feeding attachment (optional).
- AC Variable drive & electromagnetic clutch. (optional)
- Bi-layer attachment (optional).
- Available out control (optional).
- Available electromagnetic clutch (optional).

MACHINE TYPE	FF-B4-27	FF-B4-35	FF-B4-45
Number of Station	27	35	45
Type of Tooling	D/B	B	BB
Output Per/Hrs Max	129600	168000	216000
Main Pressure Max	10Ton	6.5Ton	6.5Ton
Max Tablet Dia	25MM	16MM	11MM
Max Depth of Fill	20MM	17.5MM	17.5MM
Upper Punch Penetration		1.5 to 8MM	
Main Electric Motor		10HP/1440RPM/3PH	
Overall Dimension LxWxH		1200X1050X1800	
Net Weight Kg.		1350Kg.	

# SINGLE SIDED ROTARY TABLET PRESS

Farma Fusion's Single Sided Rotary Tablet Press Machine is designed to deliver superior performance and reliability for high-volume tablet production. This machine is perfect for industries requiring consistent, high-quality tablet manufacturing.

## PRODUCT DETAILS

- Square GMP Mode.
- Upper guards Of transparent acrylic.
- Higher turret Speed 40 rpm.
- Variable speed pulley.
- Lubrication system with hand pump (Auto pump optional).
- Reverse direction motion protection.
- Lower Guards of polished stainless steel SS 304.
- AC Variable drive and electromagnetic clutch (optional) Upper punch penetration system.
- Available outside control (optional).
- Aluminum covers for rotor teeth.



MACHINE TYPE	FF-8- SLUGGING	FF-12-SLUGGING	FF-16-D	FF-20-D
Number of Station	8	12	16	20
Type of Tooling	BOLUS	BOLUS	D	D
Output Per/Hrs Max	10560 22RPM	15840 22RPM	38400	48000
Main Pressure Max	12Ton	12Ton	10Ton	10Ton
Max Tablet Dia	40MM	40MM	23MM	23MM
Max Depth of Fill	30MM	30MM	20MM	20MM
Upper Punch Penetration	1.5 to 8MM			
Main Electric Motor	5HP/960RPM/3HP		3HP/1440RPM/3HP	
Overall Dimension LxWxH	1000x1050x1800			
Net Weight Kg.	1250Kg.		1150Kg.	

# HIGH SPEED DOUBLE SIDED ROTARY TABLET PRESS

Farma Fusion's High Speed Double Sided Rotary Tablet Press is the epitome of efficiency and precision, designed to meet the demands of large-scale tablet production. This advanced machine combines high-speed operation with exceptional quality, making it the ideal choice for industries requiring mass production of tablets.



## PRODUCT DETAILS

- High speed double sided rotary tablet press suitable for large batch production.
- This machine is available with pre compression roller ability to compress variety of products easily.
- Outside controls for tablet weight and hardness.
- Force feeding system are zero clearance.
- Powder level sensing (optional).
- Upper side guards are acrylic and Lower guards SS 304.
- Electromagnetic clutch.
- Hydraulic power pack for pressure loading and overload release pre-compression facility.

MACHINE TYPE	FF-IV-45	FF-IV-61	FF-IV-75
Number of Station	45	61	75
Type of Tooling	D	B	BB
Output Per/Hrs Max	324000	439200	540000
Main Pressure Max	10Ton	6.5Ton	6.5Ton
Max Tablet Dia	25MM	16MM	11MM
Max Depth of Fill	20MM	17.5MM	17.5MM
Upper Punch Penetration	1.5 to 8MM		
Main Electric Motor	10HP/1440RPM/3PH		
Overall Dimension LxWxH	1450X1600X1950		
Net Weight Kg.	3600Kg.		

# COLLOID MILL MACHINE



<b>Model</b>	<b>FF-CM-HZ(Horizontal)</b>
<b>Output*</b>	<b>150 to 1500 ltr./shift</b>
<b>Particle Size reduction*</b>	<b>5 to 10 Microns</b>
<b>Hopper capacity</b>	<b>15 Liters</b>
<b>Motor</b>	<b>5 HP /2850 RPM/3Ph</b>
<b>Height</b>	<b>1200mm.</b>

# DE - BARRING & DE - DUSTING

<b>Model</b>	<b>FF-DB-300</b>
<b>Output* (8mm)</b>	<b>5.000 to 250000 tablet / Hr.</b>
<b>Main Electric motor</b>	<b>0.25 Hp/1440RPM/ 3pH</b>
<b>Max. Tablet Diameter</b>	<b>25MM</b>
<b>Min. Tablet Diameter</b>	<b>5MM</b>



# HIGH SPEED VIBRO SIFTER MACHINE



<b>Model</b>	<b>FF-SIF-20"</b>	<b>FF-SIF-30"</b>	<b>FF-SIF-36"</b>
Screen Dia	503 mm	752 mm	914mm
Capacity/ Hour*	20 to 200 kgs	30 to 300 kgs	30 to 325 kgs.
Charging height	1200 mm without lid	1050mm without lid	1050mm without lid
Discharging height	720mm	670mm	670mm
Main Electric motor		0.5 HP / 1.0 HP	

# SPARE



**Upper Cam Disc**



**Dies- Punch**



**Force Feeder**



**Variable Speed Pulley**



**Brass Feed Frame**



**Upper Cam Track**



# PARTS



**Dozzer Assly**



**Cavity Type Die Lock Screws**



**Turret**



**Lifting Lowering Track**



**Bronze Worm**



**Pressure Roll**

# AUTOMATIC ROUND BOTTLE STICKER LABELING MACHINE

## Product Description:

Vertical linear Round Bottle sticker labelling machine used for applying labels on Round shape containers. It has output speed of up to 80 to 120 labels per minute depending upon label and products size. It is one of the most user friendly equipment. Automatic Product Alignment system is equipped holding belt system. This machine comes with unique single point synchronized speed control system. This equipment reduces working time, helps to get higher production and avoids machine-down time. It is most elegantly designed and versatile linear labelling machine. It is used in modern packaging lines that require high efficiency with speed, durability and accuracy. This machine can be customized with pocket system and feed work system to provide perfect alignment of bottles on conveyor for precise labelling application.



<u>MODEL</u>	<u>STICKER LABELING</u>
Label Height:	8 mm to 130 mm
Label Length:	12 mm Minimum
Label Roll Dia.:	300 mm
Core Dia.:	75/76 mm
Gap Between two Labels:	Appx. 3 mm
Product Diameter:	15 mm to 100 mm*
Electrical:	230 VAC A/C Power Supply
Power:	1.5 Amp.
Servo	750 W Lead shine Make Double Load Servo
Speed:	Up to 80 To 120 Labels per minute depending on Product and Label Size
Conveyor :	(H) 830-875 mm* (L) 6 Feet PVC Belt Matt Finish Bottom Conveyor
Pressing Unit	Rubber Belt Pressing for accurate labeling
Overall dimension:	2400 mm(L) X 670 mm(W) X 1520 mm (H)
Machine Direction of Movement:	Left to Right from operator side
Gearbox Motor	Bonvario Make Italy or Rotomotive Make Germany
Gap Sensor	Leuze Make USA & Sick Make Germany
Display	Schneider HMI 4.2 Touch Screen
Drives	Schneider Italy make

## Built – In Unique Features

No Label Data Input/retrievals require for any Label Size No Change Parts for Product and Label size

Single Pot On-line Speed Variation control

Synchronized speed of Label Dispensing, Conveyor and Pressing Device Virtually Maintenance free machine

Easy to change label application height User Friendly Label Placing Adjustments Self Protected against Voltage Fluctuations

Suitable for On-Line Inkjet and Contact Coding System Suitable for Partial, Full Wrap Around and Overlap Labeling & Double side Labeling(Optional), Built In A.C. Variable Frequency Drive System.

Fully Stainless Steel finishes Machine.

130 MM Full size Dispenser

# AUTOMATIC FOUR HEAD CAP SEALING MACHINE

## MODEL FF5M - 80



### DESCRIPTION:

The Automatic cap sealing machine is precision built on sturdy welded steel frame completely enclose in stainless steel sheet and doors are provided to facilitate the servicing of machine.

### OPERATION:

The feed container moving on conveyor belt are feed into an in feed star wheel, bringing the container below the sealing head in the subsequent indexing part, meanwhile the bottle pick up a cap from the delivery chute of cap feeding bowl, where the body and the neck of the container are positioned below the rotating head. Where the sealing head is performing perfect operation of threading & sealing.

Specially designed hopper is provided for more storage capacity, deliver cap to delivery chute with correct position that ensures the perfect position of the cap at the end of delivery chute.

The capping head rotate along with the main turret and perform the capping operation.

### TECHNICAL SPECIFICATION:

Output/Hour	:	3000 to 4800 Containers per hour (Depending on bottle size)	
Electrical Motor	:	1.5 HP/440 Volts/ 3Phase/ 50 Hz (Four wires)	
For Main Machine	Conveyor Height	:	750 mm to 840 mm Adjustable.
Container Size	:	Ø 22 mm to Ø 100 mm, Maximum Height 210 mm	
Height of container	:	50 mm to 210 mm Maximum, Option for other bottle height available.	
Cap Size	:	22 mm to 56 mm (With the help of required change parts)	
Machine Dimension	:	2135 mm (L) X 925 mm (W) X 2350 (H)	
Approx. Accuracy	:	± 1%	

### SALIENT FEATURES:

The unit is made compact & Versatile S.S. Slat conveyor. S.S. Elegantly Matt Finished Body. Built in front control panel/Vibratory Bowl. With A/c Frequency Drive

### UTILITY REQUIREMENT:

Electrical supply:	3 Phase + Neutral + Earthing
	Electrical load
	: 1.5 KW
Vibrator	: 5 Amp

# AUTOMATIC EIGHT HEAD SERVO FILLING MACHINE

## Description:

Automatic Gear Pump Liquid Filling Machine works on Gear Pump principle with diving nozzles. The unit is made compact, versatile and enclosed in stainless steel elegantly mat finish body, consists of S.S. Slat Conveyor, Reciprocating Nozzle with self-centering devices & No container No filling system arrangement is standard features of the machine.

The main drive of the machine Gear Pump servo and conveyor drive consist of A/C motor with synchronized variable A/c Frequency Drive.

## Operation:

Containers moving on SS Slat conveyor, feed below the filling nozzles through a settable twin pneumatically operated stopper system. The twin pneumatically operated stopper system and reciprocating nozzles can precisely match for centering of container below nozzles, to avoid spillage of liquid on container. To minimize foaming adjustable nozzle will reciprocate according to filling dose, nozzle will go upwards slowly from bottom level of bottle towards neck during filling.

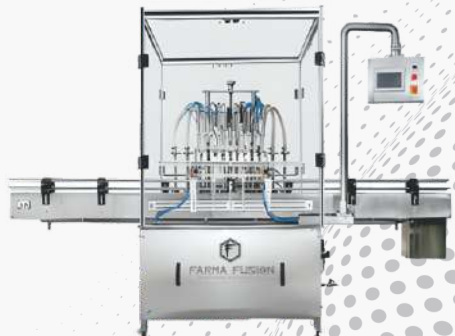
The dosing block with a hexagonal bolt fitted below syringes. This means fill size can be easily set.

### Technical Specifications:

Model	FF-GP5F
Output/BPM*	80* BPM (50ml)
Direction of Movement	Left to Right
Number of Filling Nozzle	8 Nos.
Fill Size***	50ml to 1 Ltr.
Conveyor	0.5 HP / 415 Volts / 50 Hz.
AC Drive Conveyor	0.5 HP
Gear Pump	3 Ltr. Capacity
PLC	Make: Schneider/Panasonic
HMI	Touch Screen – Make: Schneider
Conveyor Dimension**	90mm (W) X 8 ft. (L) X 850 mm Working Height Adjustable.
Machine Dimension	8' (L) X 3' (W) X 6' (H) – APPROX

### Input Specifications:

Container Neck Diameter**	Minimum: 22 mm**
Container Size**	Round Shape
	Ø 28 mm to Ø 100 mm Respectively height 58 mm to 240 mm (Height option for other bottle height available)
Flat / Square	15mm to 100 mm (Length) Respectively 10mm to 50 mm (Width) Respectively height 58 mm x 240 mm (Height option for other bottle height available)






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