



ORAL / SYRUP LIQUID / POWDER INJECTION LINE

ABOUT US

SME Pharma LLP (formerly known as Shree Mahalaxmi Engineering) is a leading manufacturer and supplier of pharmaceutical machinery based in Ahmedabad, Gujarat, India. Established in 2012, we have built a strong reputation for delivering high-quality, reliable, and innovative pharmaceutical equipment across India.

We Delivered one of the Best machineries in Granulation, Processing, Injection Vial / Bottle & Packaging Line in Pharma, Food & Chemical Industries in India & other Countries.

At SME Pharma LLP, we are committed to excellence, innovation, and customer satisfaction—providing robust solutions to meet the evolving needs of the pharmaceutical industry.

OUR VISION, MISSION & CORE VALUES



VISION

To be a world-class enterprise providing integrated solutions in the pharma and allied industry, with a customer-centric approach driven by innovation and service excellence, achieved through creative and vibrant talent.

VALUES

Values are guiding principles that reflect the organization's internal conduct as well as its relationship with external stakeholders. They are a reflection of how the organization behaves with all its clients, team members, vendors, and stakeholders and the internal community, and are the foundation for all goals, decisions, and behavior.

INTEGRITY

We demonstrate honesty and fairness in every action we take. We believe in doing what we say and saying what we do – with no compromise on ethics or values.

OWNERSHIP

The sense of hands-on experience and taking initiative with an ownership mindset is part of our work culture. We believe in building systems and teams that strengthen and optimize the organization.

PASSION

Rooted in the heart of our clients, we are driven by the desire to be the best in all that we do. We bring boundless energy and dedication to every task.

COMMITMENT

We aim to exceed expectations and deliver quality performance in all that we do.

EXCELLENCE

We continuously improve our methods and processes to deliver value, ensuring technological superiority and operational efficiency.

CREATIVITY

We are creative in developing new ideas, methods, and solutions that positively impact our clients and the communities we serve.

TEAM SPIRIT

We function as a unified team, sharing goals and responsibilities while respecting individual roles. Working together makes us stronger.

SEMI AUTOMATIC ROTARY BOTTLE WASHING MACHINE

Technical Specification

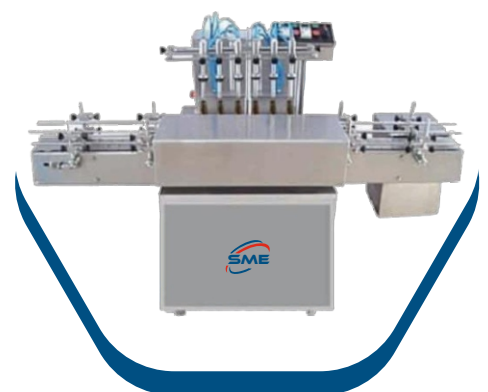
Model	SME-SRW-64	SME-SRW-96
Output/Hour*	2600 to 3600 Nos.	4300 to 5400 Nos.
No. of Pocket	64	96
Direction of Machine	Clock Wise	Clock Wise
Electric Heater	3 Kw.	3 Kw.
Tank Capacity	75 Ltrs. S.S. 304 (2 Nos.)	75 Ltrs. S.S. 304 (2 Nos.)
Wash Cycle	4 Inner 1 Outer	4 Inner 1 Outer
working Height**	800 to 850 mm adjustable	



AUTOMATIC LINEAR AIR JET BOTTLE AIR JET WITH VACUUM CLEANING MACHINE

Technical Specification

Model	SME-AVC-60	SME-AVC-120
No. of Head	4	8
Optimum Output	Up to 60 Bottles per Minute (Depending on Bottle Size)	Up to 120 Bottles per Minute (Depending on Bottle Size)
Power Supply	1.5 H.P., 415 Volts, 3 Phase	2.5 H.P., 415 Volts, 3 Phase
Vacuum Pump	1 H.P., 415 Volts, 3 Phase	2 H.P., 415 Volts, 3 Phase
Dimensions MM (LXBXH) Approx.	2000 x 800 x 850 mm	3000 x 800 x 850 mm



AUTOMATIC VOLUMETRIC LIQUID FILLING MACHINE

The Automatic Volumetric Liquid Filling Machine is an advanced, high-performance equipment engineered for precision and productivity in liquid filling applications. Designed to meet the stringent demands of pharmaceutical, cosmetic, food, beverage, chemical, and healthcare industries, this machine ensures accurate dosing, hygienic operation, and reliable output—making it an essential part of any liquid packaging line.



Technical Specification

Model	SME-VLF-4	SME-VLF-6	SME-VLF-8
Bottle Diameter	30 mm to 100 mm		
Filling Range	30 mm to 100 mm		
Accuracy	+/- 1% Depending on Liquid with Single Dose		
Electrical	440 volts, 3 Ph. 50 Hz. 4 Wire System		
Speed (On 100 ML Fill Volume)	Max. 60 Bottles Per Min	Max. 90 Bottles Per Min	Max. 120 Bottles Per Min
Power	1 H.P.	2 H.P.	3 H.P.
Overall Dimension (LXWXH) MM	1500 x 900 x 1550	1800 x 1100 x 1550	2400 x 1200 x 1550
Conveyor Height	800 – 850 mm	800 – 850	800 – 850
Conveyor Height	10 ml to 50 ml, 50 ml to 200 ml, and 200 ml to 1000ml		

AUTOMATIC GEAR PUMP SERVO DRIVEN LIQUID FILLING MACHINE

Technical Specification

Model	SME-AGLF-60	SME-AGLF-90	SME-AGLF-120
No. of Filling Head	4 Head	6 Head	8 Head
Output BPM on 100 ML	40 to 60 Bottle	40 to 90 Bottle	80 to 120 Bottle
Power Consumption	1.5 KW	2.5 KW	3.5 KW
Machine Direction	Left to Right		
Filling Technology	Servo Motor Based Metering		
Bottle Holding	Though Star Wheel or Pneumatic Stopper		
Filling Accuracy	±2 % Depending Upon the Liquid Properties		
Filling Range	100 ml to 1000 ml		
Bottle Diameter	26 mm to 100 mm		
Bottle Height	Up to 200 mm		
Power Requirement	440v 3 Phase 50Hz 4 Wire System		



AUTOMATIC ROTARY MULTI HEAD SCREW CAPPING MACHINE

Technical Specification

Model	SME-AGIF-60	SME-AGLF-90	SME-AGLF-120
Output / Hour*	3600 to 4800 Bottles	4800 to 7200 Bottles	6000 to 9000 Bottles
Number of Head	4 Nos.	6 Nos.	8 Nos.
Direction of Movement	Left to Right		
Electrical Specification**	415 Volts / 50 Hz	415 Volts / 50 Hz	415 Volts / 50 Hz
Main Motor	1.0 HP	2.0 HP	2.0 HP
Conveyor	0.5 HP	0.5 HP	0.5 HP
Vibratory Coil	300 Watt, Magnetic	400 Watt, Magnetic	500 Watt, Magnetic
Height of Conveyor**	860 mm to 910 mm		
Machine Dimensions** (LXWXH) MM Approx.	1835 x 1220 x 2250	2435 x 1220 x 2250	3035 x 1220 x 2250
Net Wight	700 Kgs. Approx	800 Kgs. Approx	900 Kgs. Approx



From Concept to Distribution, we cater to every aspect of the process and are your one-stop shop for the broad base solution of wet / dry granulation consisting of processing system for Drying, Granulating, Mixing, Blending, Tableting, Coating, Pelletizing, Pellet Coating, Stirring, Homogenizing, Vacuumized Mixing, Filtration, Evaporation, Containment, Material Conveying, cleaning as well as process integration.

AUTOMATIC SINGLE HEAD ROPP / SCREW CAPPING MACHINE

Technical Specification

Model	SME-ACM-60
Output/Hour*	4
Direction of Movement	Up to 60 Bottles per Minute (Depending on Bottle Size)
No. Sealing Head	1.5 H.P., 415 Volts, 3 Phase
Electrical Specification**	
Main Motor	1 HP / 415 Volts / 50 Hz
Conveyor	5 HP / 415 Volts / 50 Hz
Vibratory Coil	300 Watt, Magnetic Coil
Height of Conveyor**	2000 x 800 x 850 mm
Machine Dimensions**	2000 x 800 x 850 mm
Case Dimension	2000 x 800 x 850 mm
Net Weight	550 Kgs. Approx.
Gross Weight	350 Kgs. Approx.
Change Parts Required	(A) Container: Star Wheel, Back Guide, (B) Cap Die, Delivery Chute, Bowl



AUTOMATIC VIAL AND ROUND BOTTLE STICKER LABELING MACHINE

Technical Specification

Model	SME-SLM-60	SME-SLM-120
Product Containers/ Rate	40 to 60 Minute	80 to 120 Minute
Input Specification:	-	-
Input Specification: Container Diameter	32 mm to 90 mm	32 mm to 90 mm
Input Specification: Container Height	10 mm to 160 mm	10 mm to 160 mm
Label Length	30 mm to unlimited	30 mm to Unlimited
Label Roll Diameter	300 mm Max.	300 mm Max.
Optional Accessories	Ink Roller Printer	Ink Roller Printer
label Height	15 mm to 90 mm Standard	
Core Dia	75 / 76 mm	
Electrical	220 VAC Single Phase Power Supply (50 / 60 Hz)	
Power	1.2 Amp.	
Capacity	0.5 Kw	



ORAL LIQUID SYRUP / STERILE SKID INJECTABLE MANUFACTURING PLANT

Technical Specification

Model	SME-1000 Ltrs	SME-2000 Ltrs
Sugar Syrup Vessel		
Gross Capacity	1250	2400
Working Capacity	1000	2000
Top Agitation Motor	5 HP/3 Phase 415 VAC / 50 Hz / 1400 rpm	10 HP/3 Phase 415 VAC / 50 Hz / 1400 rpm
Bottom Homogenizer	7.5 HP/3 Phase 415 VAC / 50 Hz / 2800 rpm	12 HP/3 Phase 415 VAC / 50 Hz / 2800 rpm
Sugar Melting Vessel		
Gross Capacity	850	1500
Working Capacity	600	2000
Top Agitation Motor	3 HP/3 Phase 415 VAC / 50 Hz / 1400 rpm	5 HP/3 Phase 415 VAC / 50 Hz / 1400 rpm
Bottom Homogenizer	5 HP/3 Phase 415 VAC / 50 Hz / 2800 rpm	7.5 HP/3 Phase 415 VAC / 50 Hz / 2800 rpm
Storage Vessel		
Gross Capacity	1250	2400
Working Capacity	1000	2000
Top Agitation Motor	5 HP/3 Phase 415 VAC / 50 Hz / 1400 rpm	7.5 HP/3 Phase 415 VAC / 50 Hz / 1400 rpm



OINTMENT MANUFACTURING PLANT

The Ointment Manufacturing Plant is a state-of-the-art system designed for the efficient and hygienic manufacturing of pharmaceutical ointments, creams, lotions, gels, and cosmetic formulations. Engineered with precision and built to comply with GMP standards, the plant ensures uniform product quality, safe operation, and high production efficiency.



Technical Specification

Model	SME-OMP-100	SME-OMP-500	SME-OMP-1000
Working Capacity Ltrs.	100	500	1000
Gross Capacity Ltrs.	120	600	1200
MOC	All Non-Contact Parts Ss304		
Jacket Material	Water	Water	Water
Heating Element	Electrical Heater	Electrical Heater	Electrical / Steam Heater
Material of Insulation	Glass Wool	Glass Wool	Glass Wool
Insulation	50 mm	50 mm	50 mm
Agitator	Top / Bottom Fixed Stirrer	Top / Bottom Fixed Stirrer	Top / Bottom Fixed Stirrer
Motor	1 HP, 50-1440 RPM,	3 HP, 50-1440 RPM,	7.5 / 10 HP, 50-1440 RPM,
Power Supply	415 V / 50 Hz / 3 Ph / AC	415 V / 50 Hz / 3 Ph / AC	415 V / 50 Hz / 3 Ph / AC
A.C. Drive	Yes	Yes	Yes

AUTOMATIC LAMINATED TUBE FILLING AND SEALING MACHINE

Technical Specification

Model	Semi Auto	Auto Single Head	Auto Double Head
No. of Filling Head	Single Head	Single Head	Double Head
No. of Station	(Geneva Cam Driven)	(Geneva Cam Driven)	(Geneva Cam Driven)
Tube Loading	Manual	Auto Single	Auto Double
Hopper Capacity	20 Litre	25 Litre	35 Litre
Output (Per Min)	27 - 30 tubes	30 - 40 tubes	40 - 80 tubes
Tube Diameter	12 to 50 mm	12 to 50 mm	12 to 50 mm
Tube Length	50 to 200 mm	50 to 200 mm	50 to 200 mm
Max. Filling Capacity	15 to 200 grams	15 to 200 grams	15 to 200 grams
Syringe Option	5 to 20 grams 30 to 100 grams 100 to 200 grams	5 to 20 grams 30 to 100 grams 100 to 200 grams	5 to 20 grams 30 to 100 grams 100 to 200 grams
Air Heater	2 Kw	2 Kw	2.5 Kw
Water Pump (For Cooling of the Heater)	0.50 H.P.	0.50 H.P.	0.50 H.P.
Power	1 H.P.	1 H.P.	2 H.P.
Electrical	440 Volts, 3 Phase, 50 Hertz, Four Wire System	440 Volts, 3 Phase, 50 Hertz, Four Wire System	440 Volts, 3 Phase, 50 Hertz, Four Wire System
Compressed Air	6 Bar	10 Bar	12 Bar
Machine Dimension MM	900 x 1100 x 1800	1200 x 1200 x 1800	2200 x 1200 x 1800
Compressed Air	250 Kgs.	350 Kgs.	465 Kgs.



AUTOMATIC LINEAR TUNNEL TYPES VIAL WASHING MACHINE

Technical Specification

Model	SME-VW-100/SME-VW-150/SME-VW-200/HLVW-250	
Output/Min.	90 to 250 (Depend upon Model)	
Number of Pocket	8/12/16/20	
Conveyor Height	800 +-50mm as Per Customer Requirement	
Power Consumption	Main Motor 1 HP / 415 Volts / 50 Hz	Heater 3 KW.
	Pump 0.5 HP / 415 Volts / 50 Hz	Conveyor 0.5 HP / 415 Volts / 50 Hz.
Power Requirement	415 Volts, 3 Phase, 50 Hz	
Air Consumption	10 - 30 CFM Depend Upon the Machine Model.	
Water Consumption	100 to 350 LPM Depend upon the Model.	



AUTOMATIC ROTARY VIAL / AMPULE WASHING MACHINE

Technical Specification

Model	SME-VRW 120	SME-VRW 240
Product Output	Upto 100 per Minute	Upto 200 per Minute
vial Sizes	2 ml to 100 ml	2 ml to 100 ml
Type of Vials	Glass & Plastic Vials	Glass & Plastic Vials
Power Load	4 HP	5.5 HP
Water tank & Pump	3 Nos. each with 25 Liters Capacity & Centrifugal Pump	3 Nos. each with 25 Liters Capacity & Centrifugal Pump
Overall Dimension: (L) (B) (H) Approx	2050 mm x 2000 mm x 1210 mm	2450 mm x 2000 mm x 1300 mm



AUTOMATIC STERILIZING TUNNEL FOR AMPOULES & VIALS

Technical Specification

Model	SME-DDST-600	SME-DDST-900
Belt Width	600 (mm)	900 (mm)
Installed Power	45(kw)	60(kw)
Control Voltage	24VAC / DC	24VAC / DC
Dimension (mm)	4500 x 1500 x 2350	5100 x 1800 x 2350



AUTOMATIC INJECTABLE VIAL LIQUID FILLING RUBBER BUNGING MACHINE

Technical Specification

Model	SME-ALVF-120	SME-ALVF-240
Number of Heads	4	8
Product Rate / Minute	60 to 100 Vials	100 to 200 Vials
Container Diameter	15mm to 70mm	15mm to 70 mm
Rubber Stopper	13mm, 20mm	13mm, 20mm
Filling Range	2ml to 100ml	2ml to 100ml
Power Supply	2 H.P.	3 H.P.



AUTOMATIC AMPOULE FILLING & SEALING MACHINE

Technical Specification

Model	SME-AFS-80	SME-AFS-120	SME-AFS-150	SME-AFS-240
No. of Head	2	2	2	2
Output I min.	60 APM	100 APM	150 APM	240 APM
Power Supply	2 to 4 HP, 3 Phase, 50 Hz			
Conveyor Height	800 ± 50mm or as per the Requirement			
Input Specification	Ampoule Dia : 9 mm to 22 mm Ampoule Height : 60mm to 125 mm			



AUTOMATIC INJECTABLE VIAL POWDER FILLING WITH RUBBER BUNGING MACHINE

The Injectable Vial Powder Filling with Rubber Bunging Machine is a highly precise and efficient system engineered for filling sterile powder into vials and automatically placing rubber stoppers (bungs). It is designed specifically for the pharmaceutical industry, particularly for injectable products that require aseptic processing under sterile conditions.

Technical Specification

Model	SME-IPF-120	SME-IPF-240
Production Rate Upto / Min	120 Fills Single Dose	240 Fills Single Dose
Fill Capacity	50 Mg. to 1.5 gms	50 Mg. to 1.5 gms
Accuracy	+ 1% Depending upon the Consistency, Uniformity & Bulk Density of Powder Under the Controlled Level of Humidity	
Height of Conveyor	Adjustable from 800 mm to 850 mm	
Motor Power	1 HP (1400 RPM)	2 HP (1400 RPM)
Dimension in MM	1800 (L) x 700 (W) x 1625 (H)	2400 (L) x 700 (W) x 1625 (H)



AUTOMATIC VIAL CAP SEALING MACHINE

The Automatic Vial Cap Sealing Machine is engineered for the precise and secure capping of glass vials using aluminum caps. This machine is an ideal solution for pharmaceutical, biotechnology, and chemical industries, ensuring leak-proof and tamper-evident sealing.

Technical Specification

Model	SME-ACS-60	SME-ACS-120	SME-ACS-120
No. of Head	1	4	8
Production Rate	Upto 50 Vials / Minute	Upto 100 Vials / Minute	Upto 200 Vials / Minute
Vial Diameter	15mm to 80mm	15mm to 80mm	15mm to 80mm
Cap Diameter	13, 20, With Help of Change Parts.		
Power Supply	1 H.P.	2 H.P.	2 H.P.
Overall Dimension (LXWXH)	1400 x 900 x 1800 Approx.	1400 x 1000 x 1800 Approx.	2400 x 1000 x 1800 Approx.
Optional Accessories	Aluminum Cabinet Covering Full Machine Chuck for Flip-off Seal PLC with HMI		



AUTOMATIC DRY POWDER ROLLER TYPE VISUAL INSPECTION MACHINE

The Automatic Dry Powder Roller Type Visual Inspection Machine is a high-precision inspection system designed for the pharmaceutical and chemical industries. It is ideal for the visual inspection of vials or containers filled with dry powder formulations. This machine offers a reliable, efficient, and contamination-free inspection process, ensuring product quality and regulatory compliance.



Technical Specification

Model	SME-PVI-120	SME-PVI-250
Direction	Left to Right	Left to Right
Production Output	Up to 100 Vials Per Minute	Up to 200 Vials Per Minute
Input Specification	5ml to 100ml Vials	5ml to 100ml Vials
Vials Diameter	22mm to 56mm	22mm to 56mm
Power Specification	1 HP, 1 Phase, 240 Volts, 50 Hz	2 HP, 1 Phase, 240 Volts, 50 Hz
Turn Tables	0.25HP, 1 Phase, 240 Volts, 50 Hz	0.25HP, 1 Phase, 240 Volts, 50 Hz
Conveyor Height	Standard (as Per Filling Line Height)	Standard (as Per Filling Line Height)
Number of Operators	Two	Four
Rejection System	Manual & Auto Both as per Customer Requirement	Manual & Auto Both as per Customer Requirement
Vial Feeding	Through Unscrambler	Through Unscrambler
Dimension	2450mm (L) 110mm (W) x 1270mm (H)	3250mm (L) 110mm (W) x 1270mm (H)

AUTOMATIC - 3 - PIECE EYE / EAR DROP FILLING PLUGGING AND CAPPING MACHINE

The Automatic 3-Piece Eye/Ear Drop Filling, Plugging, and Capping Machine is a compact and high-speed solution for precise filling and secure sealing of ophthalmic and otic (ear) drop containers. Designed for pharmaceutical applications requiring sterile conditions, this machine handles the complete process of filling liquid, inserting inner droppers (plugs), and capping outer caps in a single synchronized operation.

Technical Specification

Model	SME-EFPC-40	SME-EFPC-100
No. of Filling Heads	2	4
No. of Plugging Heads	2	4
No. of Capping Heads	2	4
Output/Hour	2000 to 2400	4000 TO 4800
Plugging Mechanism	Servo Driven Pick and Place System	
Cap Placement Mechanism	Servo Driven Torque Based	
Fill Capacity	5 ml to 20 ml	
Container Sizes	5 ml to 20 ml	



OTHER MACHINERY





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