

Always a Part In Quality

**Mfg & Exporter of
Pharmaceutical
machineries**



SSMS



www.ssmsengineers.com



About Us

COMPANY PROFILE: "SSMS ENGINEERS" is an expert, an extremely well respected and one of the most sought-after brands in the Pharma, Chemical and Food industry. We specialize in engineering, manufacturing, and delivering of quality Pharmaceutical, Chemical and Food Processing Machineries.

Our team has more than 40 years of combined business as well as engineering experience of designing and manufacturing machinery for industries which are used for various industrial applications such as formulating and processing of chemicals & more.

Our products not only are designed with a keen eye towards superior design but also are engineered with an ergonomic and user-friendly bent of mind. We follow quality standards in manufacturing & designing our machines along with the much-needed industrial guidelines.

The highly skilled workforce utilizes the latest manufacturing machineries, CAD/CAM System and adhere to cGMP/ 21CFR Part 11 standards to meet its customer's requirement.

We have well qualified customer support team. Who are always geared up for after sales service.

Valued Client List

International Client



Domestic Client



BASE PHARMACY (INDIA)
Manufacturer of Pharmaceutical Products



Trends Pharma Pvt. Ltd.
Medicines for Millions



BioMatrix
Therapeutic Solutions

Vikram THERMO L (INDIA) LTD.





Rapid Mixture Granulator / High Shear Mixture Granulator

RMG

Model	Gross Capacity In Ltrs	Working Capacity In Ltrs	Working Capacity In Kg Specific 0.5 BD	Impeller Motor HP (1500 RPM)	Chopper Motor HP (2880 RPM)
Lab RMG	2.5-25	2-20	1-10	1-3	0.5-1
RMG-50	50	40	20	5	3
RMG-100	100	80	40	10	3
RMG-150	150	120	60	15	3
RMG-250	250	200	100	25	5
RMG-300	300	240	120	25	5
RMG-400	400	320	160	35	7.5
RMG-600	600	480	240	50	10
RMG-800	800	640	320	60	12.5
RMG-1000	1000	800	400	85	15
RMG-1200	1200	960	480	100	15



Lab & Production Model

Salient Features

- Vacuum Rated Design
- Pneumatic top lid
- Pneumatic discharge
- Three blade impeller
- PLC & Color HMI
- Four blade chopper
- VFD
- Anti Vibration pad

Fluid Bed Dryer / Fluid Bed Processor

FBD/FBP

Model	Gross Capacity In Ltrs	Working Capacity In Ltrs	Working Capacity In Kg Specific 0.5 BD	Blower Motor Hp	Blower CFM
Lab FBD	3-30	1.5-15	1-5	3-5	
FBD-30	130	60	30	7.5	1180
FBD-60	270	120	60	12.5	2065
FBD-120	490	240	120	25	2655
FBD-250	850	500	250	40	4000
FBD-300	1000	600	300	40	4000
FBD-400	1350	800	400	50	5000
FBD-500	1650	1000	500	50+50	5500



Lab & Production Model

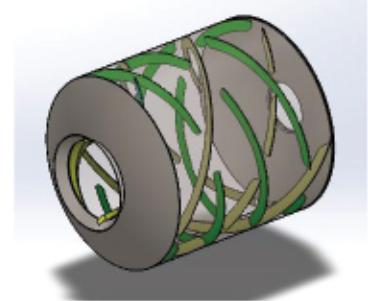
Salient Features

- AHU(Pre,Micro & Hepa)
- Blower with VFD
- Silicon inflatable Gasket
- Pneumatic Cylinder for bag up/down,Locking & Shaking
- Positive earthing
- PLC & Color HMI
- Processor(optional)



Auto Tablet Coating Machine

Model	Standard Coating Machine Min/max Capacity In Kg	Super Coating Machine Min/max Capacity In Kg	PAN MOTOR (HP)	INLET BLOWER (HP)	EXHAUST BLOWER (HP)	INLET BLOWER (CFM)	EXHAUST BLOWER (CFM)
12"	0.8-1	0.3-1.3	0.5	0.5	1	500	800
18"	2-5	1.8-7.8	0.5	0.75	1.5	825	1000
24"	13-22	5-22	2	2	5	1100	1500
36"	24-60	16-64	5	3	5	1500	2000
48"	60-110	36-130	7.5	5	10	2500	3500
60"	180-300	71-312	7.5	7.5	15	4500	6000



Salient Features

- Solution Tank
- Spray Gun(Anti Breading)
- Peristaltic Pump
- AHU(Pre,Micro & Hepa)
- Blower
- PLC & Color HMI
- FLP Construction
- Wet Scrubber

Lab & Production Model

Conventional Coating

Model	Loading Capacity	Drive Motor	RPM OF PAN (VIA VFD)	Hot Air Blower Motor HP	Blower Maximum CFM
LAB MODEL 12"/18"	2-5 kg	0.5	2-28	0.5	50
24"	15 kg	1	2-28	1	100
36"	60 Kg	2	2-28	2	200
48"	120 Kg	3	2-28	3	500
60"	200 Kg	5	2-28	3	750



Lab & Production Model

Salient Features

- Pan with Variable Frequency Drive
- Auto spray arrangement (Optional)
- Flameproof construction(Optional)
- Complete SS Structure
- Hot Air Blower



Blender



Double Cone Blender
Capacity : 2.5-5000 ltr



Octagonal Blender
Capacity : 2.5-5000 ltr



Bin Blender
Capacity : 2.5-5000 ltr

- Vacuum Rated Design
- Variable Frequency Drive
- Self Positioning Sensor

Salient Features

- Safety Railing
- PLC and HMI (Optional)

Vibro Sifter



VIBRO SIFTER
SIZES : 12" TO 72"

Milling



Model	Output in Kg/Hr	Impeller Design	Speed Control	Motor (HP)
MULTI MILL	Up to 300 Kg	Blade	Belt Drive	3
LAB CO MILL	Up to 50 Kg	Conical	VFD	1
CO-MILL	Up to 500 Kg	Conical	VFD	5
SUPER CO-MILL	Up to 1200 Kg	Conical	VFD	7.5



Vacuum Tray Dryer

VTD

Model	No of Tray	Capacity in Kg	No of Heating Shelves	Tray On Each Shelves	Vacuum Pump (LPM)
VTD-6	6	15-22.5	7	1	750
VTD-12	12	30-45	7	2	1500
VTD-24	24	60-90	9	3	2000
VTD-48	48	120-180	17	3	7500
VTD-96	96	240-360	17	6	10000



Lab & Production Model

Salient Features

- **Tray**
- **Heating shelves**
- **Condenser**
- **Receiver**
- **Hot Water System**
- **Vacuum pump**
- **Basic machine in flame proof construction.**
- **Hollow baffle for inside heating shelves for more efficiency.**
- **Fast drying due to large surface area. Uniform heating flow.**
- **Steam coil or heater provide for heating of water.**
- **Powder dry process is faster than normal tray dryer.**

Rotocone Vacuum Dryer

RCVD

Model	Gross Capacity (ltr)	Gross Capacity (ltr)	Capacity In KG	Motor (HP)
RCVD-50	50	25-37.5	12-18	1
RCVD-100	100	50-75	25-37.5	2
RCVD-200	200	100-150	50-75	2
RCVD-500	500	250-375	125-185	3
RCVD-1000	1000	500-750	250-375	7.5
RCVD-2000	2000	1000-1500	500-750	15



Lab & Production Model

Salient Features

- **Cyclone**
- **Receiver**
- **Condenser**
- **Lump Breaker(optional)**
- **Vacuum Pump**
- **Effectively dry wet cakes & slurries.**
- **Jacket for Hot Water circulation.**
- **Baffle for lump breaking and proper mixing.**
- **Specially Uniform material shuffling over the heated contact surface of the rotocone dryers.**
- **Drying time Reduces and eliminates need of Re-drying of lumps.**



Liquid Manufacturing Plant



Capacity : 100 To 5000 Ltr.

Ointment/Cream Manufacturing Plant



Capacity : 5 To 500 Kg.

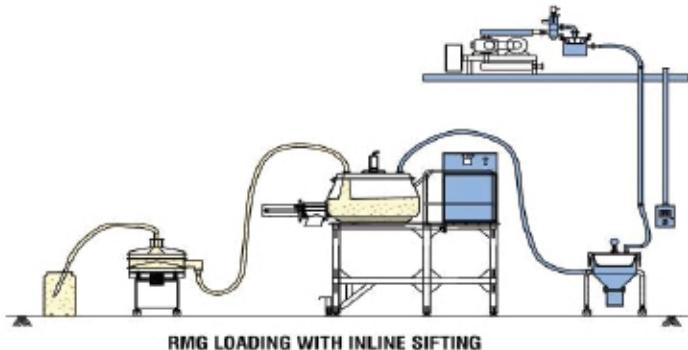
Liquid / Ointment / Cream Manufacturing Plant

Salient Features

- Fully cGMP Standards
- Electric Heating/ Steam Heating
- Top mounting stirrer / Bottom mounting Homogenizer available
- Transfer pump, Lobe pump, Bump pump, vacuum pump available
- Filter press available
- Inline Homogenizer available
- PLC & HMI (Optional)

Powder Transfer System

Technical Specification	Capacity
	100 to 5000 Kg/Hr.
Vacuum	Source Specially Designed Blower
Filter Cleaning	Air Blast Pulse Jet System
Discharge	Full Opening
Level Sensing	Through Level Sensor
Material Of Construction	Contact Parts SS 316
Material Of Construction	Non-Contact parts SS 304
System Control	Sequential Timer or PLC Based



Other application can be designed on request

Our Other Products

- ▶ PASTE KETTLE
- ▶ DUST EXTRACTOR
- ▶ MASS MIXER
- ▶ COLLOID MILL
- ▶ TRAY DRYER
- ▶ RIBBON MIXER
- ▶ DE DUSTER



Factory Address

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