

SSMS ENGINEERS

Your One Stop solution And Mfg & Exporter
of Pharmaceutical Machineries

ABOUT COMPANY

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.

"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.



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.



RMG



FBD — FBP



Rapid Mixture Granulator / High Shear Mixture Granulator

MODEL	Gross Capacity (LTR.)	Working Capacity (LTR.)	Working Capacity (KG) 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	05	03
RMG - 100	100	80	40	10	03
RMG - 150	150	120	60	15	03
RMG - 250	250	200	100	25	05
RMG - 300	300	240	120	25	05
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

Fluid Bed Dryer / Fluid Bed Processor

MODEL	Gross Capacity (LTR.)	Working Capacity (LTR.)	Working Capacity (KG) 0.5 BD	Blower Motor (HP)	Blower CFM
Lab FBD	03 - 30	1.5 - 15	01 - 05	03 - 05	-
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

Salient Features

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

Salient Features

- ✓ AHU (pre, micro, hepa)
- ✓ Blower with VFD
- ✓ Silicon inflatable gasket
- ✓ PLC & Color HMI
- ✓ Positive earthing
- ✓ Pneumatic cylinder for bag up/down, Locking & Shaking
- ✓ Processor(optional)



Auto Tablet Coating Machine

Conventional Coating

MODEL	Standard Machine min/max Capacity (KG)	Super Machine min/max Capacity (KG)	PAN Motor (HP)	INLET Blower (HP)	Exhaust Blower (HP)	INLET Blower (CFM)	EXHAUST Blower (CFM)
12"	0.8 - 01	0.3 - 1.3	0.5	01	500	500	800
18"	02 - 05	1.8 - 7.8	0.5	1.5	825	825	1000
24"	13 - 22	05 - 22	02	05	1100	1100	1500
36"	24 - 60	16 - 64	05	05	1500	1500	2000
48"	60 - 110	36 - 130	7.5	10	2500	2500	3500
60"	180 - 300	71 - 312	7.5	15	4500	4500	6000

MODEL	Loading Capacity	Drive Motor	RPM of Pan (VIA VFD)	Hot Air Blower Motor HP	Blower Maximum CFM
12"	02 KG	-	-	-	-
18"	05 KG	0.5	02-28	0.5	50
24"	15 KG	01	02-28	01	100
36"	60 KG	02	02-28	02	200
48"	120 KG	03	02-28	03	500
60"	200 KG	05	02-28	03	750

Salient Features

- ✓ Solution Tank
- ✓ Peristaltic Pump
- ✓ Blower
- ✓ PLC & Color HMI
- ✓ Spray gun (anti breading)
- ✓ AHU (Pre, Micro, Hepa)
- ✓ FLP Construction
- ✓ Wet Scrubber

Salient Features

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

Blender



Vibro Sifter



Double Cone Blender

Capacity: 2.5 – 5000 LTR



Vibro Sifter

Sizes: 12" – 75"

Octagonal Blender

Capacity: 2.5 – 5000 LTR



Bin Blender

Capacity: 2.5 – 5000 LTR



Milling



Salient Features

- Vacuum Rated Design
- Variable Frequency Drive
- Self Positioning Sensor
- Safety Railing
- PLC & HMI (Optional)

MODEL	Output in KG/HR	Impeller Design	Speed Control	Motor (HP)
Multi Mill	Up to 300 KG	Blade	Belt Drive	03
Lab Co Mill	Up to 50 KG	Conical	VFD	01
Co - Mill	Up to 500 KG	Conical	VFD	05
Super Co - Mill	Up to 1200 KG	Conical	VFD	7.5

V T D



RCVD



Vaccum Tray Dryer

Salient Features



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

Salient Features

- Cyclone
- Receiver
- Condenser
- Lump Breker

MODEL	Gross Capacity (LTR)	Gross Capacity (LTR)	Capacity In (kg)	Motor (HP)
RCVD-50	50	25-37.5	12-18	01
RCVD-100	100	50-75	25-37.5	02
RCVD-200	200	100-150	50-75	02
RCVD-500	5	250-375	125-185	03
RCVD-1000	1000	500-750	250-375	7.5
RCVD-2000	2000	1000-1500	500-750	15

Effectively dry wet cakes & slurries.

Jacket for hot water circulation.

Baffel for lump breaking and proper mixing.

Specialy Uniform material shuffling over the heated contact surface of the rotocone dryer.

Drying time reduces and eliminates needs of Re-drying of lumps.

Liquid manufacturing Plant



Powder Transfer System

Capacity:- 1000 To 5000 Ltr.



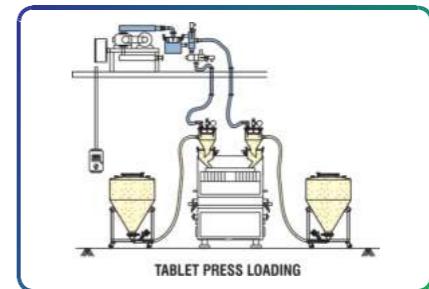
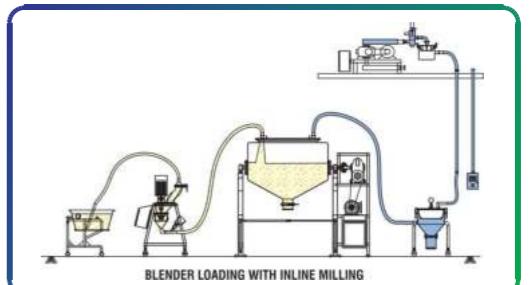
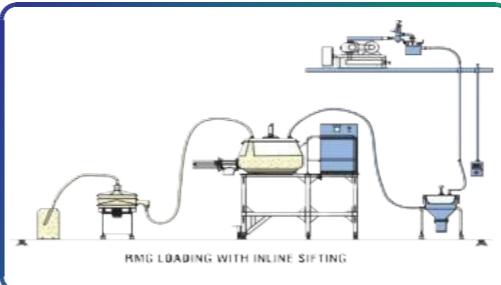
Ointment manufacturing Plant

Capacity:- 05 To 500 KG.



Salient Features

- Fully cGMP standards
- Electric & Steam Heating
- Top mounting stirrer
- PLC & HMI
- Transfer, Lobe, Bump & vacuum Pump
- Filter press available
- Inline Homogenizer



**Technical Specification
Capacity**

100 To 5000 KG/HR.

Vaccum

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
Sequential Timer or PLC Based**

Our other Products

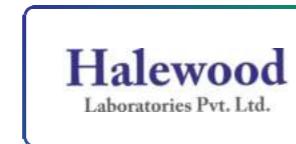
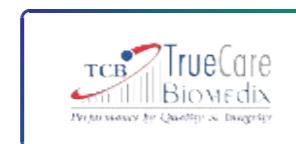
- PASTE KETTLE
- COLLOID MILL
- DE DUSTER
- TRAY DRYER
- MASS MIXER
- DUST EXTRACTOR
- RIBBON MIXER



International Client



Domestic Client





Factory Address

 **Plot No. D-4, Bharat Small Industrial Estate,
Nr. Jiya Masjid, B/H Prem Conductor, vatva,
Ahmedabad, 382440**

 ssmsengineers@gmail.com

 linkedin.com/company/ssms-engineers/

 +91 99246 88786 / +91 97277 92615

