



Pharma Machinery & Spares[©]
We serve you our trust...

WHO WE ARE

Pharma Machinery & Spares Company, located in Ahmadabad, Gujarat manufacturer & supplier of Pharma Machinery & Change Parts of Compression Machines, Tableting Equipment's Allied Machines of internationally accepted standards.

Our mission is to provide turnkey solutions to quality conscious global clients. We have approved list of vendors who will manufacture Pharma Machinery & Change parts of Compression Machine and Tableting Equipment's / Allied Machines as per our standards & specifications. We help our vendors to improve technology and product features.

We pride ourselves on consistently applying due diligence, high standards & excellent understanding of the value of methodology.

We are committed to quality maintenance, timely delivery schedules and adhering to buyers specifications.

We are exporting **Pharma Machinery & Change parts of** Compression Machine and Tableting Equipment's / Allied Machines to the most demanding market of Asian Countries.

The list of products, we have offered here is only indicative and we are always adding more products.

Range of Tablet Presses

- Single Rotary Mini Tablet Press / Compression Machine Rotary
- Single Rotary Tablet Press / Compression Machine with 16D/20D/23DB / 26 BB Stations
- Double Rotary Tablet Press / Compression Machine - 27D / 27B / 35B / 45BB Stations
- Double Rotary High Speed Tablet Press/Compression Machine with 37D / 45B / 55BB / 61BB Stations
- Double Rotary High Speed Tablet Press/Compression Machine with Pre-compression
- Single Rotary High Speed Tablet Press/Compression Machine with Pre-compression
- Central Drive Rotary Tablet Press / Compression Machine (Pre-compression or Double Rotary Options)
- Slugging Tablet Press / Bolus Compression Machine for Veterinary

Tableting Equipment's/Allied Machines

- Tableting Tooling's - Punch Die Sets for Tablet Press
- Dust Extractor Machine
- De Burring De Dusting Machine
- Oscillating Granulator
- Multi Mill
- Colloid Mill
- Coating Machine
- Communiting Mill
- Sieving Grading Straining Machine
-

ROLL COMPACTOR MACHINE

LAB MODEL – Roll Compactor cGMP (Plain & Water Jacketed Model)



Model	CPM-LAB RC - 25
Roll Speed	2-29 RPM Variable
Output *	2 to 5 Kgs./Hr.
Screw Speed	5-86 RPM Variable
Roller Motor	3 HP / 3 Ph.
Feeder Motor	2 HP / 3 Ph.

ROLL COMPACTOR cGMP (Commercial)



Model	CPM-LAB RC - 25	CPM-LAB RC - 75	CPM-LAB RC -200/100
Output	20 to 60 Kgs./Hr.*	75 to 100 Kgs./Hr.*	100 to 250 Kgs./Hr.*
Roll size	Ø 200 mm x 50 mm	Ø 200 mm x 75 mm	Ø 200 mm x 100 mm
Roll speed	5 to 25 RPM	5 to 25 RPM	5 to 25 RPM
Feed screw speed	10 to 60 RPM	10 to 60 RPM	10 to 60 RPM
Roll drive Motor	5Hp/960RPM/3 Ph.	5 Hp/960RPM/3 Ph.	7.5Hp/960RPM/3 Ph.
Feed screw drive motor	3 HP / 1440 RPM / 3 Ph.		

ROLL COMPACTOR cGMP



Model	CPM-RC-200/50	CPM-RC- 200/75	CPM-RC- 200/100
Output	20 to 60 Kgs./Hr.*	75 to 100 Kgs./Hr.*	100 to 250 Kgs./Hr.*
Roll size	Ø 200 mm x 50 mm	Ø 200 mm x 75 mm	Ø 200 mm x 100 mm
Roll speed	5 to 25 RPM	5 to 25 RPM	5 to 25 RPM
Feed screw speed	10 to 60 RPM	10 to 60 RPM	10 to 60 RPM
Roll drive Motor	5Hp/960RPM/3 Ph.	5 Hp/960RPM/3 Ph.	7.5Hp/960RPM/3 Ph.
Feed screw drive motor	3 HP / 1440 RPM / 3 Ph.		

- Totally cGMP Compact design available in plain water jacketed & Flame proof model.
- It's improve the bulk density of material.
- It's improves uniform mixing of material.
- It's achieve better granulation of sieves analysis.
- It's produce uniform particle size range of granules.
- Various types of roll available to achieve maximum bulk density of out put.
- Specially designed feeding system consisting of hopper pre-densifier & variable speed drive unit.
- Feeding unit can hydraulically lift by hydraulic pump for easy cleaning.
- Specially design provide in the roller to prevent powder sticking on the roll.
- Pre-compression chamber guides the powder without any slippage or leakage.
- To prevent major accident the roll is designed to rotate reverse & forward when cleaning. Specially limit switch is provided to prevent major accident.
- Main roll drive is design with twin shaft gear box coupled with coupling to protect roll drive unit there fore perfectly synchronizing the roll with a constant torque

GRANULATION & COUNTING MACHINE



DOUBLE CONE BLENDER cGMP

Model	Gross Volume (Ltr.)	Working Volume (Ltr.)	Motor (HP)
CPM-DCB-5	15	9	0.5
CPM-DCB-10	30	18	0.5
CPM-DCB-15	45	27	0.5
CPM-DCB-25	75	45	1
CPM-DCB-50	150	90	2
CPM-DCB-100	300	180	3
CPM-DCB-150	450	270	3
CPM-DCB-200	600	360	5
CPM-DCB-250	750	450	5
CPM-DCB-300	900	540	7.5
CPM-DCB-350	1050	630	7.5
CPM-DCB-400	1200	720	10
CPM-DCB-500	1500	900	10



RIBBON BLENDER cGMP

Model	Total Cap(Ltr.)	R.P. M.	H.P
CPM-RB-20	30	100	0.5
CPM-RB-60	90	67	1.0
CPM-RB-200	300	46	3.0
CPM-RB-300	430	40	5.0
CPM-RB-500	700	34	7.5



TABLET COUNTER MACHINE cGMP

Model	CPM - TC
Tablet size	5mm to 20mm
Motor	0.5 HP/1440 RPM/3 Ph
RPM	5 to 10 RPM
Net Weight(Aproxx)	300 Kgs
Gross Weight(Aproxx)	550 Kgs
Machine Dimension	915L x 990B x 2515H
Grose Dimension	1065L x 1140B x 2665H

RAPID MIXER GRANULATOR cGMP

SALIENT FEATURES :

- Models available from 15 Ltr to 800 Ltr working capacity
- Fully automatic operation based on PLC control
- Better productivity & lesser mixing time
- Contact parts are SS 316/316L
- Uniform mixing & granulation
- Less handling, more hygienic
- cGMP with documentation



RAPID MIXER GRANULATOR cGMP

Model	CPM - OGR	Model	CPM - OGR
Hopper capacity	33 Liters	Hopper capacity	33 Liters
Screen area	388 mm (W) x 762 mm (L)	Screen area	388 mm (W) x 762 mm (L)
Stirrer size	Ø 138 mm x 368 mm Length	Stirrer size	Ø 138 mm x 368 mm Length
Oscillation	110 Per Minute.	Oscillation	110 Per Minute.
Output *	30 to 90 Kgs./Hr.	Output *	30 to 90 Kgs./Hr.
Charging height	1135 + 5 mm	Charging height	1135 + 5 mm
Discharging height	655 + 5 mm	Discharging height	655 + 5 mm



MODEL AVAILABLE FROM SINGLE STIRRER & DOUBLE STIRRER

- Sturdy and noiseless design.
- Easy to operate & maintain.
- Higher ratio of desired size granules can be obtained
- Continuous oscillating stirrer drive.
- Simple screen holding and tensioning device.

TABLETING MACHINE

R&D LAB PRESS cGMP



Model	CPM-LAB-8 D	CPM-LAB-10 B	CPM-LAB-12 D-B-BB
Number of Stations	8	10	12
Type of Tooling	D	B	D-B-BB
Output - Tablets/Hr.	2000 TO 14,000	2,000 TO 18,000	2,000 TO 7,200
Turret RPM (Min. / Max)	10 - 30.	10 - 30.	10 - 30.
Max. Operating Pressure	6 Tons.	6 Tons.	6 Tons.
Max. Tablet Dia.	23 mm	16 mm	23 mm
Maximum Depth of fill	17.5 mm	17.5 mm	17.5 mm
Power	2.0 HP X 1440 RPM X 415 V. X 50 Hz		
Overall Dimensions (mm)	840 x 635 x 1200 H		

- Imported needle roller bearing provided at the bottom of turret.
- Upper punch penetration, as a standard features
- Electronic Digital Tablet cum RPM Counter, as a standard features.
- Guards of Acrylic Material.
- Grease Nipples are provided for effective lubrication, where required
- Turret of Special Grade S.G. Iron casting
- Paint free tablet manufacturing zone
- Aluminum Turret Guards
- Square GMP Table Top Model
- Anti Vibrating mount.

SINGLE ROATRY Pharma Machinery & Spares MACHINE cGMP



Model	CPM-16	CPM-20	CPM-12
Tooling	"D"	"D"	Bolus / Slugging
No. of Station	16 Stn.	20 Stn.	12 Stn.
Operating Pressure	10 Ton	10 Ton	12 Ton
Max. Tablet Diameter	23 mm	23 mm	40 mm
Max. Depth of Fill	20 mm	20 mm	25 mm
Output - Tablets/Hr.	14,400 to 40,300	21,600 to 50,400	10,800 to 15,840
Upper Punch Penetration	1.5 to 8 mm	1.5 to 8 mm	1.5 to 8 mm
Main Electric Motor	2HP/960RPM/415V/50HZ/3Ph		5HP/960RPM/415V/50HZ/3Ph

- Lower Guard of polished Stainless Steel & Upper Guards of Acrylic Material.
- Inter lock switches to all Guards.
- Effective Dust Extraction Nozzles.
- Aluminum Turret Guards
- Reverse direction motion protection is provided to avoid accident.
- Imported needle roller bearing provided at the bottom of turret.
- Paint free tablet manufacturing zone.
- C.I. Body and C.I. Middle plate
- Turret of Special Grade S.G. Iron casting
- Upper punch penetration system.
- Electronic. Digital Tablet cum RPM Counter.
- Heavy duty square GMP Model.



DOUBLE SIDED ROTARY TABLETING MACHINE cGMP



Model	CPM-D-27	CPM-B-35	CPM-BB-45
Type of Tooling	D	B	BB
No. of Stations	27	35	45
Max. Operating Pressure	10 Tons	6.5 Tons	6.5 Tons
Max. Tablet Diameter	23 mm (25 mm on demand)	16 mm	11 mm
Max. Depth of Fill	20 mm	17.5 mm	17.5 mm
Output Tablets/Hr.*	58,320 to 1,36,000	75,600 to 1,76,400	57,200 to 2,26,800
Upper Punch Penetration	1.5 to 8 mm	1.5 to 8 mm	1.5 to 8 mm
Main Electric Motor	5Hp / 1440 RPM / 415 V / 50 Hz / 3 Ph		

- Heavy Rigid Body With Less Vibration.
- C.I. Body and C.I. Middle plate.
- Paint free tablet manufacturing zone.
- Square GMP Model.
- Turret of Special Grade S.G. Iron casting
- Electronic. Digital Tablet cum RPM Counter.
- Aluminum Turret Guards.
- Double Sided lifting cams.
- Imported needle roller bearing provided at the bottom of turret.
- Effective Dust Extraction Nozzles.
- Variable Speed pulley, One shot Lubrication System, Anti Vibrating mount.
- Reverse direction motion protection is provided to avoid accident.



HIGH SPEED Pharma Machinery & Spares cGMP

Model	CPM-Press-37D	CPM-Press-45B	CPM-Press-55BB	CPM-Press-61BB
No. of stations	37	45	55	61
Type of tooling	D	B	BB	BB
Max. Operating Pressure	10 Ton	6.5 Ton	6.5 Ton	6.5 Ton
Max. Tablet Dia.	23 mm (25.4 mm on demand)	16 mm	11 mm	11 mm
Depth of Fill	20.5 mm	17.5 mm	17.5 mm	17.5 mm
Output Tablets / Hr.*	79,920 to 2,22,000	97,200 to 2,80,000	1,18,800 to 3,83,000	1,31,760 to 3,80,640
Upper Punch Penetration	3.2 to 8 mm			
Main Electric Motor	7.5 Hp / 1440 RPM / 3 Ph			
Powder Feeder Motor	0.25 Hp / 1440 RPM / 3 Ph			

- Front and easy outside controls.
- High Speed Pharma Machinery & Spares with outstanding engineering, performance and reliability.
- Auto lubrication with fine tuning valve and timer.
- AC inverter variable drive for main and feeder motor.
- Separate control panel – safe against electric short Circuit during steam wash.
- Extremely robust quality engineering, house in an easily accessible cabinet.
- All the tablet parameters can be fine tuned during the operation of the machine from out side the tableting zone.
- Simple and convenient operation, operator protection, cleanliness and ease of maintenance.



ALLAID MACHINE



COLLOID MILL cGMP (Model Available from 15 Ltr to 35 Ltr)

Model	CPM - CM-15
Output *	150 to 1500 Liters.
Particle size reduction *	5 to 15 Microns.
Hopper capacity	15 Liters
Main Electrical Motor	3 HP / 2850 RPM / 3 Ph.

- R&D Model Available on Customer Demand.
- Totally leak proof design.
- Unique for small volume micronization.
- Modified design of stator-rotor assembly.
- Available in plain, water jacketed & flame proof options.
- Easy to dismantle for cleaning and maintenance.



COATING MACHINE cGMP

Model : CPM-CM	12"	18"	30"	36"	42"	48"
Loading Capacity in Ltrs.	15	25	45	75	125	185
Main Electric Motor	0.5	0.5	2.0	2.0	3.0	3.0
Blower Ph.0.5	0.5	1.0	1.0	1.0	1.0	2.0
Heater Capacity in Kw.	1.0	1.0	3.0	3.0	3.0	3.0

- Hot air blowing system is with temperature control probe.
- Coating Pan is engineered to the perfection from SS 304 (SS 316 optional).
- Totally enclosed machine drive and hot air blowing system.
- 12" or 48" Coating Machine has variable speed drive. Hot air blowing system is separate.
- 60" or 72" Coating Machine has two speeds with step pulley without hot air blowing system.

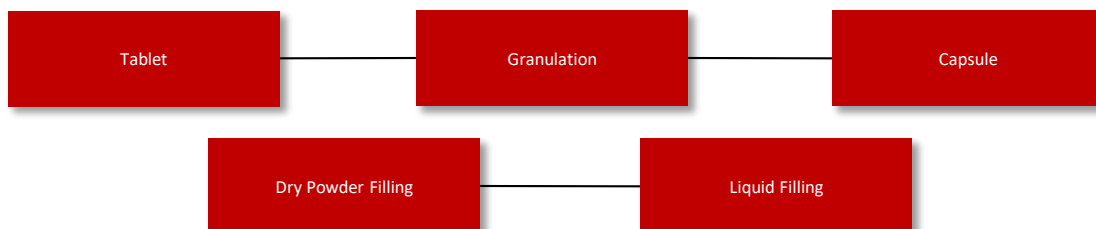


DE-BURRING & DE-DUSTING MACHINE cGMP

Model	CPM - DDM
Output *	5,000 to 2,50,000 tablet / Hr.
Main Electric Motor	0.25 Hp. / 1440 RPM / 3 Ph.
Max. Tablet Diameter	25 mm
Min. Tablet Diameter	5 mm

- Components can be easily washed or sterilized.
- Designed for effective De-Burring and De-Dusting
- Noiseless & Maintenance free unit.
- Adjustable height to suit any tableting machine outlet.
- Minimum electric power consumption.
- Suction outlet concentrated on De-Dusting zone ensures maximum flushing of removed dust.

WE ARE ALSO IN





DUST EXTRACTOR MACHINE cGMP

Model	CPM - DE-150 / 300 CFM
Electric Motor	1 HP / 2800 RPM / 3 Ph.
Filtration Area	1.343 Sq. Mtr.
Dust Storage Capacity	40 Liters.
Suction Capacity	150/300 CFM (500 Mtr. Cube / Hr.) at 125 mm W.G.

Provided with stainless steel 304 contact parts (SS 316 optional).

Fabricated for effective dust collection.

Dynamically balanced blower fan ensures minimum noise level.

Easy to maintain and operate.

Four inlet manifolds facilitate to connect more dusting zones.

Castor wheel provided for ease in mobility.

DRYING /PACKING MACHINE , SPARE PARTS



FLUID BED DRYER cGMP

Available from 5 Kg. to 250 Kg.



TRAY DRYER cGMP

Tray Dryer Available from 6 Tray / 12 Tray / 24 Tray / 48 Tray



TABLET INSPECTION MACHINE cGMP



UPPER CAM DISK



VARIABLE SPEED
PULLY



FEED FRAME



TURRET



MULTI MILL SIEVE



SIFTER SIEVE



WORM



TRACKS




DIES & PUNCHES

CONTACT US


 +91 7807506765 / +91 8320340951

 sales.pharmamachinery@gmail.com

-HEAD OFFICE & FACTORY

 Karnavti Industrial Estate, Nr. ONGC Well, Odhav, Ahmadabad – 38215 (Gujarat) India.

-BRANCH OFFICE & WORK SHOP

 Suncity Road, Near Toll Plaza, Baddi, Dist – Solan, Himachal Pradesh – 173205 (INDIA)

WE ARE ALSO US ON

Blister Machine

Liquid Filling machine

Powder Filling machine

Labelling Machine

Capsule machine

Tube filling machine