

# GENTLEMAN PHARMED TECHNOLOGIES PRIVATE LIMITED

*Manufacturer, Exporter & Supplier of Pharmaceutical , Chemical & API Machineries & Spares*



<sup>TM</sup>  
**Gentleman**



## Tablet Section



### Fluid Bed Dryer

- ★ Very versatile process equipment.
- ★ Fully automatic operation based on PLC control.
- ★ Minimum handling and more hygienic.
- ★ Top mounted telescopic cylinder for auto bag shaking.
- ★ Clamp type bottom mesh for container.
- ★ Capacity available from 2.5 kgs. To 500 kgs.
- ★ MOC SS 304 / 316 / 316L.
- ★ cGMP with documentation.

### Rapid Mixer Granulator

- ★ Models available from
- ★ 3 L to 1200 L 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.





## Tablet Section



### Vibro Sifter

- ★ High degree of surface finish.
- ★ Double decker arrangement can be provided.
- ★ Easy dismantling and cleaning.
- ★ MOC SS 304 / 316 / 316L.
- ★ cGMP with documentation.

### Multi Mill

- ★ Multi speed drive for various
- ★ product grinding.
- ★ Easy dismantling and cleaning.
- ★ High degree of surface finish.
- ★ Easy portability.
- ★ MOC SS 304 / 316 / 316L.
- ★ cGMP with documentation.





# Tablet Section



## Auto Coater

- ★ Uniform & Smooth coating without damaging the tablets.
- ★ High quality machines with new technology.
- ★ Minimum batch time & power consumption.
- ★ Inbuilt WIP System.
- ★ Intelligent process control by PLC and touch screen HMI.
- ★ Automatic tablet unloading system avoids contamination. (OPTIONAL)
- ★ High efficiency, energy saving, safe, user friendly PLC base controlled technology.
- ★ Complete automated process.



## Blister Packing Machine

- ★ Uniform & Smooth packing without damaging the tablets.
- ★ High quality machines with new technology.
- ★ High efficiency, energy saving, safe, user friendly.
- ★ Machine available Alu/Alu, Alu/PVC with cGMP norms.
- ★ Complete automated process.



## Automatic Ointment / Cream Mfg. Plant

- ★ Capacity from 50 kg to 5000 kgs.
- ★ MOC ss 316 / 316L.
- ★ Online homogenizer / microniser.
- ★ Hydraulic lid lifting for mfg. vessel.
- ★ Dual anchor agitator with fix anchor.
- ★ Bottom / top homogenizer.
- ★ PLC base fully automatic plant also available.
- ★ cGMP with documentation



## Tube Filling Machine

- ★ Models available in Single/Double/Four Head.
- ★ Suitable for Aluminum/Lami/Plastic Tubes
- ★ Capacity 60 to 180 Tubes per/min.
- ★ Combi model available.

**Change over time from lami to aluminum and vice versa is very less**

- ★ Tube Orientation Unit, Jacketed Hopper.
- ★ In-Feed system for oval tubes.
- ★ cGMP with documentation.



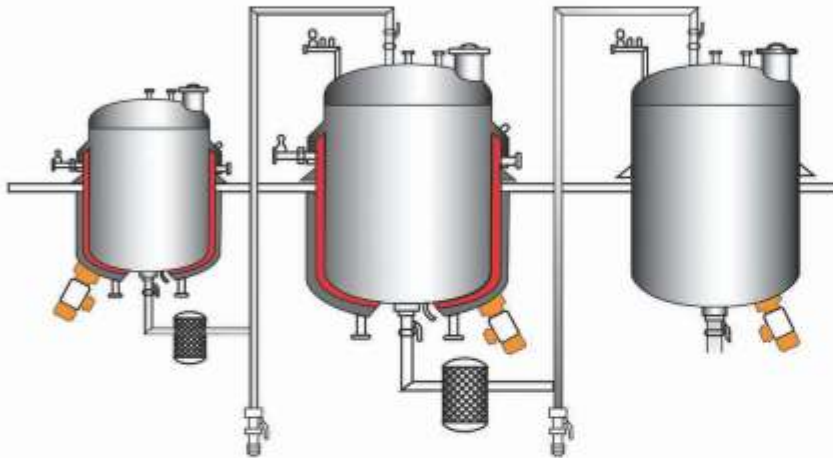


## Liquid Section



### Automatic Liquid / Syrup Process Plant

- ★ MOC SS 304 / 316 / 316L.
- ★ We can manufacture as per customer design / requirement.
- ★ Electric heating also possible for smaller capacity.
- ★ Top mounting stirrer /homogenizer also available.
- ★ PLC based fully automatic plant also available.
- ★ cGMP with documentation



### Filter Press Zero Hold Up (Reverse Flow)

- ★ MOC SS 316 / 316L.
- ★ Available models 8", 14", 18", 24" & 33" plate diameter.
- ★ Available with centrifugal / gear / lobe pump.
- ★ Fitted with pressure gauge, safety valve & airvent.
- ★ cGMP with documentation.

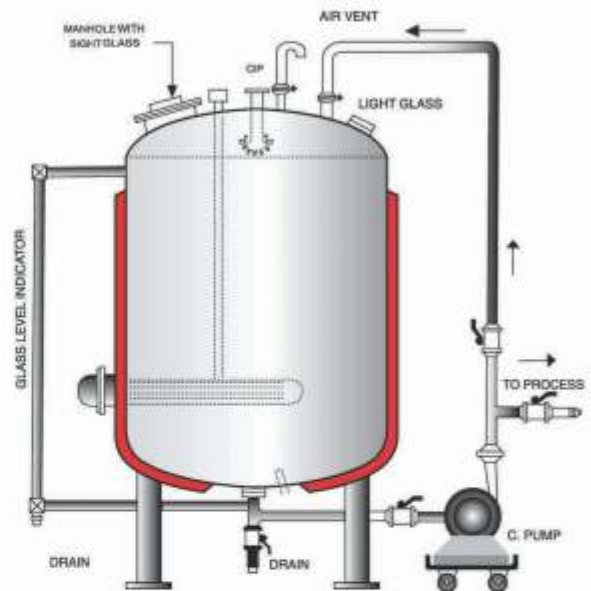


# Injectable Section



## D. W. Storage Tank

- ★ Available capacity 100 ltrs. to 10000 ltrs.
- ★ Material of construction SS 316 / 316
- ★ Direct heater. Strip heater or steam jacketed / coil.
- ★ Provided digital temperature controller / indicator.
- ★ Circulation pump for uniform temperature.
- ★ Automatic level controller to be connected to MCDP.
- ★ Horizontal / Vertical execution as per site requirement.
- ★ All joints nozzles are triclover.



## Multi Column Distillation Plant

- ★ Model available 80 Ltr. to 2000 Ltr.
- ★ Fully automatic plant except 50 / 80 Ltr. Plant.
- ★ 75 % energy saving over conventional type plants.
- ★ It produces pyrogen free sterile distilled water to meet IP/BP Standards.
- ★ Designed output can be increased by 50% by increasing steam pressure.
- ★ Grundfos pump provided
- ★ cGMP with documentation.



# Capsule Section



**Manually Operated Capsule Filling Machine (CFM)**

- ★ Available Sizes: 00, 0, 1, 2, 3, 4, & 5.
- ★ Output : upto 7,200 capsules.
- ★ Output can enhance by using automatic capsule loader
- ★ Model available in 100 holes also

## **Capsule Filling Machine (Semi Automatic)**

- ★ PLC based machine.
- ★ A special design for change over of different size capsules with in 20 minutes.
- ★ Fill weight accuracy  $\pm 3\%$ .
- ★ Simple operation, operating training can be done in 15 minutes.
- ★ Low noise & maintenance.
- ★ cGMP with documentation

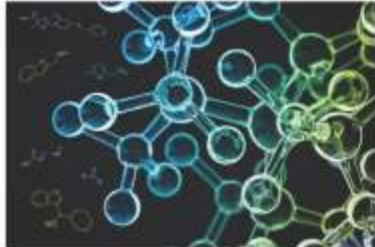


**Semi Automatic Capsule Loader (CLM)**

- ★ To enhance production line output
- ★ CLM with CFM M/C  
Output : 90 trays / hour line output
- ★ CLM with 1 CFM M/C  
Up to 9,000 capsules / hr with 2 operators
- ★ CLM with 2 CFM M/C  
Up to 18,000 capsules / hr with 3 operators
- ★ CLM with 3 CFM M/C  
Up to 27,000 capsules / hr with 4 operators







## Reactor

- ★ Capacity from 5 Ltrs. 5000 Ltrs.
- ★ Design range from full vacuum up to 30 bar(g)
- ★ Design temperature from -50° C up to +300°C
- ★ Designed for working under pressure and temperature cycles
- ★ Heating/Cooling by double jacket, half coils or dimplate jacket
- ★ Agitators available with axial flow, radial or combined double flow



## Centrifuge

- ★ Sturdy design & construction as per cGMP norms.
- ★ Four point suspension type which requires negligible Foundation (Few bolts are to be grouted to prevent Lateral movement of Machine during operation)
- ★ Centrifuge manufactured as per international standards with inertia platform & AntiVibration mounts to Ensure smooth operation.
- ★ Vapour Tight Arrangement
- ★ Nitrogen purging system for Basket & bearing housing/ casing
- ★ Safety Device such as Zero Speed Lock for the Centrifuge cover.
- ★ Full validation services available including DQ,IQ/OQ, FAT / SAT protocols.
- ★ cGMP construction for Pharmaceutical Models.
- ★ Kilolab Model to Production Models available



# Consumable & Spares **Gentleman**™



Available at  
**amazon**



## *Other Machines, Instruments & Accessories*



1. Analytical Equipments
  2. QA & QC Equipment
  3. Dispensing Booth
  4. Laminar Flow
  5. SS Loop Line
  6. DM Water Plant
  7. Dry Heat Sterilizer
  8. Autoclave
  9. Stability Chamber
  10. Air Handling Unit
  11. Solid Flow Monitor
  12. Pneumatic Accessories
  13. Pneumatic Cylinders
  14. Heating Elements
  15. Mechanical Seals
  16. SS Valves
  17. SS Pumps
  18. Vacuum Pumps
  19. Sensors
  20. Controllers
- & many more...*

### *Our Esteemed Clients*

#### **Exports:**

1. Active Fine Chemicals(Bangladesh)
  2. Alman Pharma INC ( Philipines)
  3. Edruc Pharma (Bangladesh)
  4. Panex Pharma (Egypt)
  5. Reneta Pharma (Bangladesh)
  6. Readyson Pharma-(Bangladesh)
- & many more.....*

#### **Domestic:**

1. Dipan Herbal Pharmacy
  2. Emami Limited
  3. Gluconate Health Ltd.
  4. Life Pharma
  5. Laxmi Pharma
  6. Narayan Chemical
  7. Ozone Pharma
  8. Strassenburg Pharmaceutical
  9. Stadmed Pvt. Ltd.
  10. Standard Pharma
- & many more.....*

**Installation, Commissioning, Services, Maintenance & AMC of all  
Pharmaceutical & Chemical Machineries**

# Engineering Consultant for Pharmaceutical, Chemical & API Industries



## GENTLEMAN PHARMED TECHNOLOGIES PRIVATE LIMITED

🏠 Reg Off. :4th Floor 37/4B Kabitirtha Sarani, Kolkata : 700023, India

Work Off:2nd Floor, 2/1A Bangali Shah Warsi Lane, Kolkata : 700023, India

☎ : +91 9831197931 📠 : +91-33-24595806

✉ : gentlemanpharmed@gmail.com  
info@gentlemanpharmed.com

📍 : Kolkata, Mumbai, Delhi & Ahmedabad