

MANUFACTURER & EXPORTER OF :  
**PHARMA MACHINERY**



## INTRODUCTION

Maruti Pharma machinery represents in various industries like Pharmaceuticals, Distilleries & Breweries, Cosmetics & Toiletries, Pesticides, and Food & Ancillaries etc. Promoted by Mr. Vijay Matholiya and Mr. Bhavesh Panchal modest beginning in 2015, today it is a multi product with proven capabilities in design, development & manufacturing of processing machinery and material mixing, storage vessels for above industries. The company has been a host to provide solutions to specific needs for any oral solid drug processing machinery requirements.

Started with fabrication of tanks, vessels and customer specific equipment, today company has diversified into most sophisticated and hi-tech Processing machinery & material storage and mixing tanks to the international standards.

Maruti Pharma machinery is working with positive attitude, continuous R&D, technology awareness and ultimately with client's support.

“WE UNDERSTAND YOUR NEED” We know that our future depends on our ability to satisfy those who are responsible for our success : Our Customers, Our Suppliers & Our Employees. In all our endeavors, this knowledge remains foremost in our mind and we shall exert our best efforts to maintain the relations with them.

## MISSION & VISION

To procure and supply reliable value products with high quality conscious, trustworthy and leading brands for their domestic as well as international consumers by ensuring efficient, modern technology and leadership practices that fit to their consumer commitment.



## ▶ PASTE KETTLE

PK50/100/150



- ▶ Working capacity 50 ltr to 150 Ltr.
- ▶ Jacket provided with steam or electric heating arrangement
- ▶ Tilting arrangement for discharge
- ▶ Anchor type impeller design for proper mixing of paste



## ▶ FLUID BED DRYER / PROCESSOR / COATER

FBB/P/C - 30 TO 600

- ▶ Working capacity : 30 kg to 500 kg batch
- ▶ Accurate temperature control by  $\pm 2^{\circ}\text{C}$
- ▶ Single pot technology if all options taken
- ▶ Double skin AHU with HEPA
- ▶ Pneumatic dampers
- ▶ Automated top and bottom spraying (FBP/FBC)

## ▶ MULTI MILL

MPM-250



- ▶ Output : 250 kg/hr
- ▶ Reversible beater direction
- ▶ 3 HP motor for efficient milling
- ▶ Cylindrical perforated screen
- ▶ Designed for continuous operation

## ▶ VIBRO SIFTER

NVS 20/30/36/48



- ▶ Output : 20 kg to 400 kg/hr
- ▶ Noiseless & maintenance free
- ▶ High speed sieving
- ▶ Double & triple deck options available
- ▶ Lead free silicon molded sieves
- ▶ Quick dismantling design



## ▶ HIGH SHEAR MIXER GRANULATOR (VACCUUM RATED DESIGN)

- ▶ Top lid is pneumatically operated
- ▶ Four blade impeller for better dry mixing
- ▶ Typically designed Air purging system
- ▶ Working Capacity 50 To 500 Kgs.
- ▶ Perfectly Design Impeller and chopper for homo genius Mixing.



### TECHNICAL SPECIFICATION

Model / Size	MPM 15	MPM 25	MPM 50	MPM 75	MPM 100	MPM 150	MPM 250	MPM 300	MPM 400	MPM 600	MPM 800	MPM 1000	MPM 1200	
Gross Volume [Ltrs.]	15	25	50	75	100	150	250	300	400	600	800	1000	1200	
Working Volume [Ltrs.]	12.0	20.0	40.0	60.0	80.0	120.0	200.0	240.0	320.0	480.0	640.0	800.0	960	
Optimum Batch [Kg.]	6.0	10.0	20.0	30.0	40.0	60.0	100.0	120.0	160.0	240.0	320.0	400.0	480.0	
Capacity @ 0.5 B.D.	Max.	4.0	6.0	12.0	18.0	24.0	36.0	60.0	72.0	96.0	145.0	195.0	240.0	290.0
Impeller Motor HP	Min.	2.0	3.0	5.0	7.5	10.0	15.0	30.0	40.0	40.0	50.0	75.0	75.0	100.0
Chopper Motor HP		0.5	0.75	3.0	3.0	3.0	3.0	5.0	5.0	7.5	10.0	15.0	15.0	20.0



## ▶ DOUBLE CONE BLENDER



We are the prominent Double Cone Blender Manufacturer in Ahmedabad. these are widely used by the pharmaceutical and chemical industry. These Double Cone Blender are manufactured utilising quality raw material. Made available in client special dimensions, Double Cone Blender provide great production capacity. Our clients can avail these high-performance machines at market leading rates. Double Cone Blender is a kind of dropping machine used to lightly blend and mix dry powders and fragile granules homogeneously. It is suggested to fill up to two third level of the entire volume of the cone for effective mixing; in addition to a purpose rotational speed (rpm) of blender also influences the quality of blending, the common area is 7-25 rpm.

### DOUBLE CONE BLENDER SALIENT FEATURES

- ▶ PLC controlled completely automatic load and release functions.
- ▶ Fabricated with high-grade stainless steel
- ▶ Simple to clean and maintain
- ▶ Hand wheel for manual tilting of the cone
- ▶ Uniform mixing and smooth discharge
- ▶ The butterfly discharge device is clamped to the blender outlet for fast disassembly and with fast release design for efficiency of cleaning and maintenance. Valve flange permission can be customized to readjust the client's product container.
- ▶ Degree position for discharge is given
- ▶ Special PLC programming with security interlocks for optimum operator security.
- ▶ Shaft-mounted gear device installed via shrink disc coupler eliminates maintenance of regular gear drive. Speed control via AC variable frequency

## ▶ V- BLENDER



## ▶ OCTAGONAL BLENDER



- ▶ Working capacity 30 Ltrs. to 2000 Ltrs.
- ▶ Effective blending with help of mixing baffles
- ▶ Discharge butterfly valve
- ▶ Safety railing with interlock
- ▶ Variable speed through ACVFD

## ▶ BIN / CONTRA BLENDER



## ▶ RIBBON BLENDER



Type of Blenders	Capacity
Octagonal blender	Lab 25 liter to 10,000 liter
Double Cone Blender	Lab 25 liter to 10,000 liter
"V" Blender	Lab 25 liter to 10,000 liter
Cage Blender	Lab 25 liter to 10,000 liter
Bin / Conta Blendert	Lab 25 liter to 10,000 liter



## APPLICATION:

The Mass Mixer is Designed for uniformly mixing of especially suitable for powder of Pharmaceuticals, Food, Herbals, Agro Chemicals & Chemicals.

## DESCRIPTION:

**Shell :** Consisting of "U" trough of suitable dimensions S.S. and side plates duty M.S. stiffened from outside and from inside with S.S.

**Mixing Mechanism :** Paddle type blades welded to the main shaft provide for efficient mixing of thick heavy material. PTFE gland

Mechanism provided at shaft ends prevents ingress of external powder into the trough and prevents leakage.

**Charging :** From the top charging can be done through a hinge able lid, hopper or Nozzle can be provided for additional spraying of additives.

**Discharge:** By bottom discharge slide Iris or for regulated discharge.

**Drive :** Consisting of suitable H.P. TEFC 3 phase ac 415v / 50 cycles motor coupled to suitable worm gear, with driving shafts mounted on suitable plummer block.

**Mounting:** Mounted on suitable ISMC Section Stand, with protective covers for belts and couplings.

**MOC:** All contact parts in S.S. Non Contact M.S. or SS-304

## TECHNICAL SPECIFICATION

MODEL MASS MIXER	MPM-50	MPM-150	MPM-200	MPM-250	MPM-300
<b>Working Capacity</b>	110 Ltr.	220 Ltr.	330 Ltr.	440 Ltr.	560 Ltr.
<b>Speed of Stirrer</b>	35 RPM	35 RPM	30 RPM	25 RPM	20 RPM
<b>Electrical Motor</b>	3hp / 2.2Kw / 144RPM / 415V / 50 Hz / 3 Phase	5 hp / 3.7 kw / 144 RPM / 415 v / 50 Hz / 3 Phase	7.5hp / 5.5 kw / 144 RPM / 415v / 50Hz / 3 Phase	10hp / 5.5 kw / 144 RPM / 415v / 50Hz / 3 Phase	15hp / 7.4 kw / 144 RPM / 415v / 50Hz / 3 Phase
<b>Over all dimensions in mm</b>	L x B x H 1700 x 740 x 940	L x B x H 2300 x 7400 x 940	L x B x H 2135 x 790 x 1300	L x B x H 2475 x 100 x 1500	L x B x H 2650 x 1050 x 1600
<b>Gross weight in Kgs.</b>	450	600	750	850	1000



## APPLICATION :

Maruti has been Designed & Manufacturing and has consolidated a process knowledge concerning sterile injectable solution, dispersions, syrup and suppositories.

## PREPARATION VESSELS & TANK :

- ▶ Extremely hygienic processing.
- ▶ Least manual handling.
- ▶ Design compliance with CGMP
- ▶ Capacity up to 10000 Liter.
- ▶ Heating by steam or hot water circulation.
- ▶ Thermal Insulated.
- ▶ Mechanicals or Electro polishing of internal surface.
- ▶ Integrated Cleaning in Place-CIP.
- ▶ Sterilizing in Place-SIP as an option.
- ▶ Portable execution on request.
- ▶ Validation protocols & Instrumentation celebration.

## VARIABLE SPEED AGITATION :

Agitator can be top or bottom driven or magnetically driven.

Propeller type, Anchor type provided with High speed disperser or rotor-stator homogenizer.

Single or double mechanical seal.

## FULLY AUTOMATIC LIQUID SYRUP MANUFACTURING PLANT CONSISTING OF :

- ▶ Sugar Charging / Transfer System.
- ▶ Sugar Melting Vessel with mixing stirrer.
- ▶ Basket Filter & Transfer Pump.
- ▶ Syrup Manufacturing Vessel with stirrer.
- ▶ Inline Homogenizer.
- ▶ Zero Hold up Filter press.
- ▶ Storage Tank with stirrer.
- ▶ Interconnecting pipeline.
- ▶ Transfer Pumps.
- ▶ Integrated automatic control panel.
- ▶ Working Platform.





# MPM Automatic Ointment / Cream Mfg. Plant



## APPLICATION :

- ▶ Pharmaceuticals: Creams, Gels, Sterile & Non Sterile Ointments and Biotech products.
- ▶ Cosmetics: Cold creams, Hair Dye cream, conditioners, Lotions, Gels, Mascara make-up, Shampoo, Toothpaste.

## DESIGN BASE :

- ▶ A Special pharmaceutical design enables application in biotechnical process. Material, surface as well as general design are in keeping with the GMP directives as well as the recommendations of the FDA & USFDA.
- ▶ Vessel design as per ASME guideline and tailor made design as per user's / product Requirements.
- ▶ All vessel are per GMP regulations.
- ▶ Total plant is design & supplied as per CGMP guidelines.

## TECHNICAL FEATURE :

- ▶ Choice of various type of anchor design.
- ▶ Homogenizer (option) - Top Entry, side Entry, Bottom Entry with circulation facility.
- ▶ Hydraulic lid lifting for fast & easy cleaning of top dish & vessel.
- ▶ Load Cell for fast & accurate measuring system.
- ▶ Flexible product transfer pipe & fitting in case of load cell & hydraulic lifting.
- ▶ VFD for Anchor agitators to vary the RPM.
- ▶ VFD for Homogenizer to Vary RPM, Specially Design drive assembly.

## OUR VALUABLE CUSTOMERS :



211, Plot No. 123-123/A, Pushpam Estate,  
Nika Tube Compound, Phase-1,  
G.I.D.C., Vatva, Ahmedabad-382440  
(Gujarat) INDIA.

✉ info@marutipharmamachinery.com  
✉ marutipharmamachinery20@gmail.com  
🌐 www.marutipharmamachinery.com  
☎ +91 98988 80945