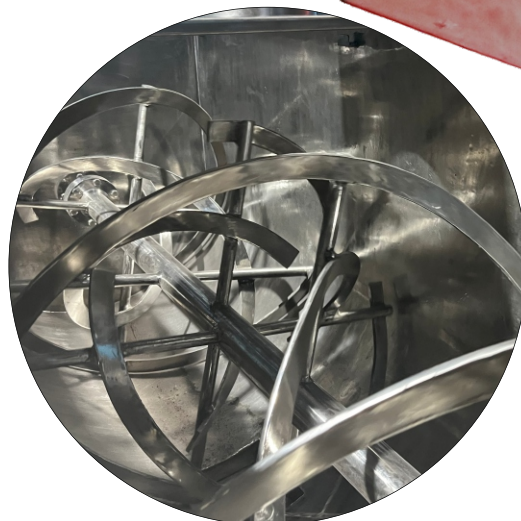
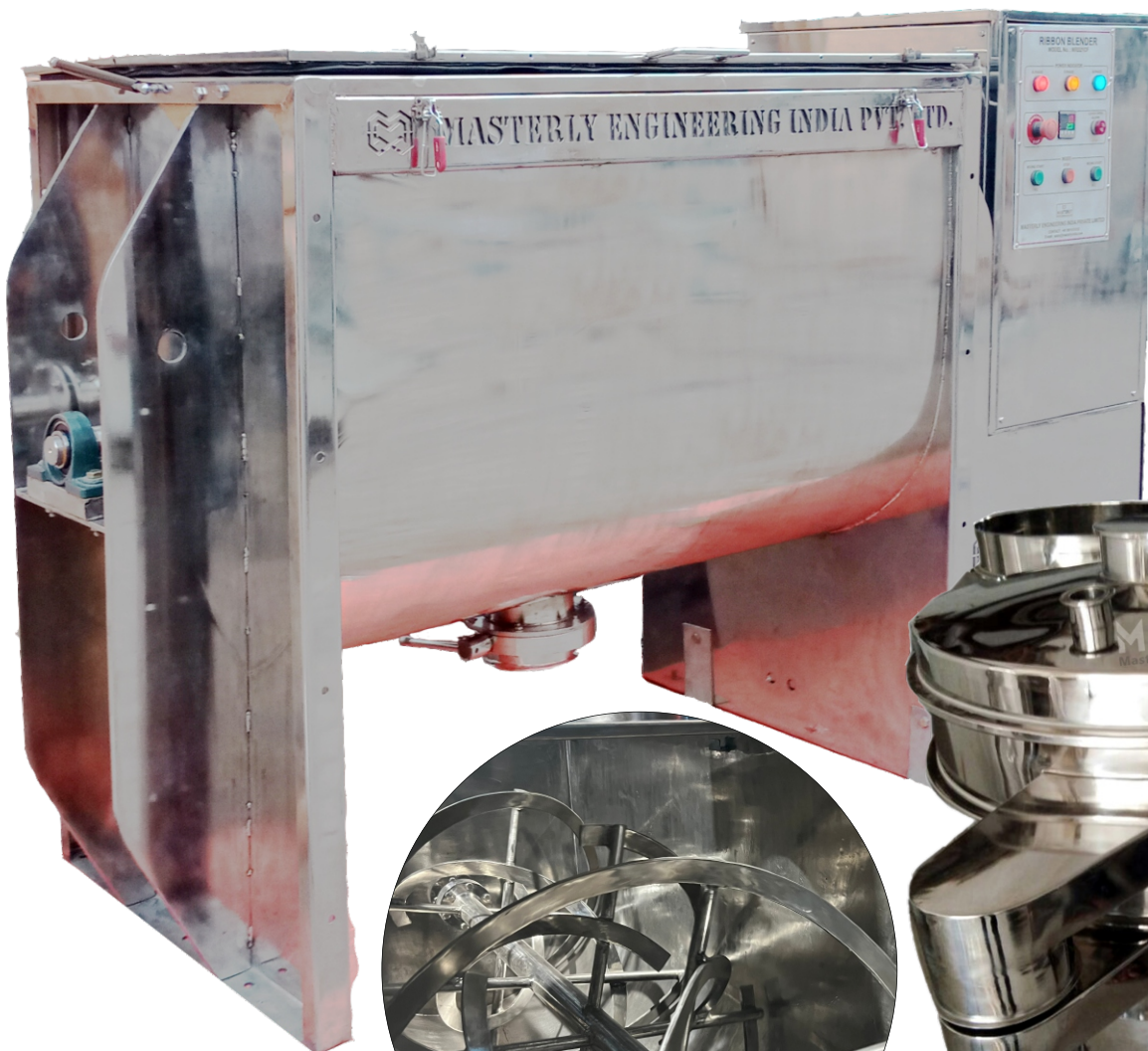
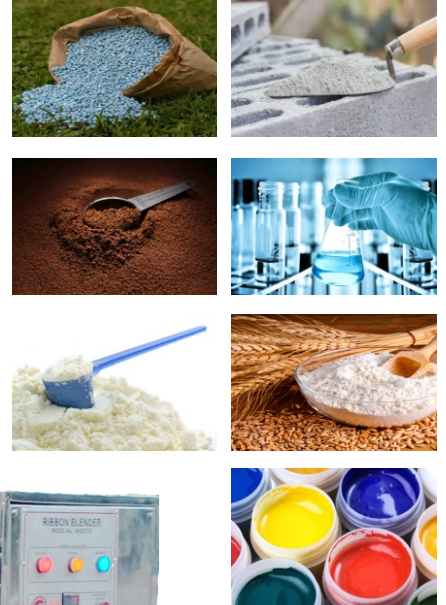


Mixing & Sieving
Technology


MASTERLY[®]

MASTERLY MACHINES
INDIAN PROCESS SYSTEMS

RIBBON BLENDER VIBRO SIFTER AND OTHER EQUIPMENTS



WWW.MASTERLYINDIA.COM

Performance-Proven Processing Equipment

Ribbon Blender:

Masterly's Ribbon Blender are all custom built to your specifications, To fit your mixing Requirement so your business can run Smoothly and Efficiently. Our Blender are Built with pride to the highest standard in our India manufacturing facility. Our Ribbon Blender can be found in wide range of Mixing application From of dry Powder, paste and liquid ingredients, including: Food, Pharmaceuticals, Spices, Detergent, chemicals, plastics, drugs, foods, insecticides, fertilizers, cosmetics, adhesives, pigments, and numerous other products. As well as petroleum and other liquids that require Bulk mixing, We offer a range of Standard & Customized Equipment, to fit your extract Specification & Capacity.



Standard Features

- ✦ Capacity range from 100-10000L
- ✦ Mild Steel/Stainless Steel construction.
- ✦ Flange connection ribbon shaft or Thru ribbon shaft
- ✦ Normal Temperature and Pressure inside ribbon blender
- ✦ Gland Packing Seal + Air Purge Seal
- ✦ Pneumatic Operated Outlet Valve, Butterfly Valve, Knife gate Slide Gate Valve.

Special Features

Masterly Engineering has been a Ribbon Blender manufacture since 2016, years' of experience & constant improving technology makes. Masterly Ribbon Blender stand out with below special Features-

- ✦ Vacuum/Pressure inside Ribbon Blender.
- ✦ Heating/Cooling Jacket for Ribbon Blender
- ✦ Spraying Nozzle for liquid.
- ✦ Heavy-duty drive unit.
- ✦ Various Outlet Valve depend on customer's process requirement Explosion-proof for electricity.
- ✦ Electrical Control Panel system.
- ✦ Teflon Coating for material contact part
- ✦ Other Special Customize Design

Application of Ribbon Blender:

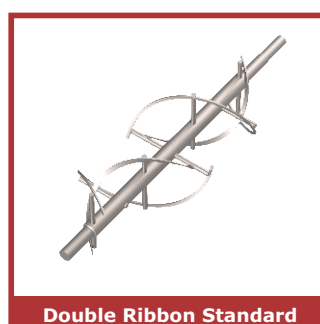
For blending solids combined processes make it a very popular mixer for Spice, Agro Chemical Powder, Wheat Flour, Baby Food, Bakery Foods, Salt, Animal Food product, Plastic Resin, PVC Compounding, Talcum Powder, Dried food products, Sugar & any type Dry Powder..

Agitators:

The agitator is the most important component of the mixer, and we offer several options



Double Ribbon Multi-Pitch



Double Ribbon Standard

MIXING

Vibro Sifter:

Masterly Vibro Sifter is a circular gyratory type separating and sifting system, designed for processing product on an industrial scale.

The Masterly Vibratory Separator is a simple and efficient method of separating out bulk products by particles size.

The system is available in multiple deck or single screening deck configurations and comes in a range of sizes to handle any throughput requirements.

Multiple Separations – The vibratory separator can be stacked with up to 4 screening decks.

Range of Sizes – The separators are available in 24", 30", 36", 48", 60" and 72" diameters to handle throughputs ranging from a few kilograms to a few tones.



Features

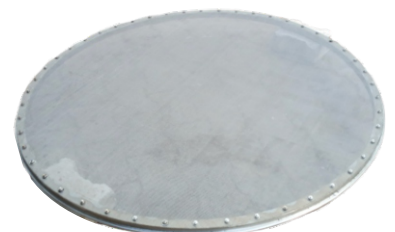
- ✦ Compact and portable design
- ✦ Guarantee low noise operation and high speed operation
- ✦ Energy efficient equipment
- ✦ Uses a optional flame proof motor material
- ✦ Made from high grade stainless steel 304, 316,
- ✦ Better dust handling capability
- ✦ Many screen options such as double or triple
- ✦ Easy to dismantle and clean
- ✦ Adjustable vibratory motion
- ✦ Sturdy and robust design
- ✦ Easy to install and operate
- ✦ Design should allow for easy and fast changing of sieves
- ✦ Guarantee high performance
- ✦ Durable to guarantee a long service lifespan thereby reducing maintenance costs.

Model	Machine Dia.MM	Machine Dia.Inch	Screen mesh	Layer (Deck)
MVS24	610	24"	6-300 mesh	1-4
MVS30	770	30"	6-300 mesh	1-4
MVS36	900	36"	6-300 mesh	1-4
MVS48	1200	48"	6-300 mesh	1-4
MVS60	1500	60"	6-300 mesh	1-3
MVS72	1800	72"	6-300 mesh	1-3

Construction Material & Mesh Can be Customized According to Requirement and Application.
Mesh de-blinding Kit Available as Additional Attachment

Screen:

Sandwich Screen Ring Comes with Bolting Systems Which will enable the mesh frame to change mesh in-House.



SEIVING, DRYING

Coating Pan:

Pan: The pan of the machine has semi ellipsoidal shape having a circular mouth for charging & discharging of Product. Make with SS 304 and is mounted at an Inclination.

Hot Air Blower: The Coating Machine is provided with a hot air blower centrifugal blower, The electric heater is used for heating the air, It also has a thermostat control and Flexible hose pipe.

Control Panel: Unit provided with suitable control panel with starters and push button to Start the drive and blower. The circuits is comprised of MCB, Relays and contactor . In order to ensure that there is a total protection from overload scenario.

Mounting: The Sturdy MS frame of coating pan houses the motor and gear box and the pan is mounted on the Gearing housing fitted in the stand. Blower is usually mounted by the side of the stand. It can also be placed in remote location if the need arises.
Finish: The coating machine for having a perfectly finished joints which are argon, MIG welded. The SS Parts are polished to have Mirror finish which are required for pharmaceutical equipment. The MS parts are painted for a smoother finish.



Multi Mill:

Multi Mill a self - contained portable unit useful for high-speed granulation, pulverising, mixing, shredding and chopping of a wide range of wet and dry materials with special attachments called beater which have Knife/Impact blades and Scraper blades (Standard) to get the required size reduction.

All Contact Parts: Stainless Steel 316 Grade and Non Contact Parts : Stainless 304 Grade

Construction Material & Mesh Can be Customized According to Requirement and Application.



Fluid Bed Dryer

Fluid-Bed Dryer is one of the main process equipment in the solid dosage production procedure in pharmaceutical industry, and is also widely used in chemical, foodstuff industries, etc. This equipment is set with mixing and drying functions

This equipment is successfully designed on the basis of a wide research, absorption and digestion of foreign advanced models. It has a reasonable structure with stable performances and easy operation; the whole machine has no dead angle or protruded screws. PLC is designed to ensure a fully automatic control. All the operations are automatically finished according to the customer's set parameters; moreover, process parameters can be printed and records of original data are fully true and reliable. Masterly Fluid-Bed Granulators comply entirely with GMP

- ✦ Capacity range from 20-500L
- ✦ Three grade filters purified fresh air of AHU
- ✦ High accuracy air volume measuring device
- ✦ High accuracy air pressure measuring device
- ✦ Granules and powder dry quickly, no broken
- ✦ Closed charging materials and discharging materials
- ✦ Total containment, no cross contamination
- ✦ Good structural strength of the drying chamber and easy to clean
- ✦ Superior wip system for online cleaning



Double Cone Blender

The Double Cone Blender is an efficient and versatile machine for mixing dry powder and granules homogeneously. All the contact parts are made of stainless steel. It is composed of two truncated cones joined together by a cylindrical section.

Application : Dry powder mixing for tablets and capsule formulations
Dry granules sub lots mixing to increase the batch size at bulk lubrication stage of tablet granules.

Features:

- ✦ The conical shape at both ends enables uniform mixing and easy discharge.
- ✦ The cone is statically balanced to avoid any excessive load on the gear box and motor · While the powder can be loaded into the cone through a wider opening, it can be discharged through a butterfly or slide valve.
- ✦ Depending upon the product Ribbons or paddle-type baffles can be provided on the shaft for better mixing inside the cone.
- ✦ The contact parts are made of either SS 304 or SS 316
- ✦ Flame proof motor can be supplied as optional
- ✦ Capacity available 25 liters. To 1000 Liters



QUALITY MADE AFFORDABLE

Our Other Products



Jacketed Ribbon Blender



Rectangular Separator



Bag Flattener



Screw Conveyor



Take Away Conveyor



Flat Belt Conveyor

A One Step Complete Solution
For Processing Machinery.



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